U.S. Department
of Transportation

**Federal Aviation
Administration**

800 Independence Ave., S.W.
Washington, D.C. 20591

Transmittal Letter 08-20 **August 22, 2008**

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**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, ATO-R
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

The enclosed Standard Instrument Approach Procedures, Departure Procedures/Takeoff Minimums, and Fix Actions are effective as indicated.

The following are corrected copies of procedures published in Transmittal Letters 08-17, 08-18 and 08-19:

Huntsville, AL, Huntsville Intl-Carl T Jones Fld, ILS OR LOC RWY 36R, Amdt 2
Huntsville, AL, Huntsville Intl-Carl T Jones Fld, RNAV (GPS) RWY 18L, Amdt 1
Huntsville, AL, Huntsville Intl-Carl T Jones Fld, RNAV (GPS) RWY 36L, Amdt 1
Burbank, CA, Bob Hope, RNAV (RNP) Z RWY 8, Orig
Denver, CO, Centennial, RNAV (GPS) RWY 28, Orig-A
Rifle, CO, Garfield County Regional, ILS RWY 26, Amdt 1
Rifle, CO, Garfield County Regional, RNAV (RNP) Y RWY 26, Orig
Rifle, CO, Garfield County Regional, RNAV (RNP) Z RWY 26, Orig
Denison, IA, Dension Muni, RNAV (GPS) RWY 12, Amdt 1
Perry, IA, Perry Muni, RNAV (GPS) RWY 32, Orig
Louisville, KY, Louisville Intl-Standiford Fld, RNAV (GPS) RWY 17R, Orig
Reno, NV, Reno/Tahoe Intl, RNAV (GPS) X RWY 34L, Amdt 1
Reno, NV, Reno/Tahoe Intl, RNAV (GPS) Y RWY 34L, Orig
Reno, NV, Reno/Tahoe Intl, RNAV (GPS) Y RWY 34R, Orig
Reno, NV, Reno/Tahoe Intl, RNAV (RNP) Z RWY 16R, Orig
Plattsburgh, NY, Plattsburgh Intl, ILS OR LOC RWY 17, Amdt 1D
Moses Lake, WA, Grant County Intl, RNAV (GPS) RWY 22, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DCU VOR/DME	ENIKY INT/I-JJC 14.22 DME/RADAR	149.58 / 16.13	3000
ENIKY INT/I-JJC 14.22 DME/RADAR (IF/IAF)	UJOTY INT/I-JJC 8.12 DME/RADAR	001.95 / 6.10 (I-JJC)	2700

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-17.
CHANGED ALTERNATE MA HOLDING FIX FROM HORNI TO VOYUD.

MISSED APPROACH

ILS: DA
LOC: 6.34 MILES AFTER UJOTY INT/I-JJC 8.12 DME/RADAR OR AT I -JJC 1.77 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT RQZ VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 040 AND DCU VOR/DME R-048 TO VOYUD/DCU 22.69 DME AND HOLD SW, LT, 047.54 INBOUND. (DME REQUIRED)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ENIKY, RT, 001.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 001.95 FAF: UJOTY INT/I-JJC 8.12 DME/RADAR DIST FAF TO MAP: 6.34 THLD: 6.34
4. MIN. ALT: ENIKY 3000, UJOTY 2700, GEPDE INT/I-JJC 3.47 DME 1140*
5. DIST TO THLD FROM OM: 6.34 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1431
6. MIN GS INCPT: 2700 GS ALT AT: UJOTY 2700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.3
8. MSA FROM: DCU VOR/DME 3700

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 183.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SW VOYUD/DCU 22.69 DME, LT, 047.54 INBOUND.
CHART FAS OBST: 660 TREE 343709N/0864545W
CHART 869 TREE 343201N/0864637W.
CHART: ASR
CHART R2104A, R2104B, R2104C.
CHART WHEELER NATIONAL WILDLIFE REFUGE.
CHART VDP AT 2.80 DME;
DISTANCE VDP TO THLD 1.03 MILES.
CHART IN PLANVIEW: VOYUD/DCU 22.69 DME.
CHART: RQZ VORTAC LR-200
CHART: DCU 16.13 DME AT ENIKY
CHART: TDZE 595

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36R	796	2400	201	796	2400	201	796	2400	201	796	2400	201	796	2400	201
S-LOC 36R	1140	2400	545	1140	2400	545	1140	5000	545	1140	6000	545	1140	1 1/2	545
CIRCLING	1160	1	531	1160	1	531	1160	1 1/2	531	1240	2	611	1240	2 1/4	611
GEPDE FIX MINIMUMS															
S-LOC 36R	980	2400	385	980	2400	385	980	2400	385	980	4000	385	980	4000	385
CIRCLING	1160	1	531	1160	1	531	1160	1 1/2	531	1240	2	611	1240	2 1/4	611

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 36R CAT E VISIBILITY TO RVR 4000, S-LOC 36R CAT E VISIBILITY TO 2 MILES, AND GEPDE FIX MINIMUMS S-LOC 36R CAT E VISIBILITY TO RVR 6000.
CHART NOTE: CIRCLING NA FOR CAT E EAST OF RWY 18L-36R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CAT D 700-2, CAT E 700-2 1/4 @ CAT E 800-2 1/4
@ NA WHEN CONTROL TOWER CLOSED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 629 TDZE: 595	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HUNTSVILLE, AL	AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	I-JJC	ILS OR LOC RWY 36R, AMDT 2 25 SEP 2008	AMDT: 1 DATED 09/30/2004

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
*LOC ONLY
*1180 WHEN USING DECATUR ALTIMETER SETTING.
CHART PLANVIEW NOTE: CAUTION NUMEROUS MIGRATORY BIRD FLOCKS IN AREA. WILDLIFE REFUGE AREA SOUTH OF AIRPORT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE S-ILS 36R DA TO 821 FEET AND ALL MDAS 40 FEET, AND GEPDE FIX MINIMUMS S-LOC 36R CAT C AND E VISIBILITY 1/4 MILE. FOR INOPERATIVE MALSR, WHEN USING DECATUR ALTIMETER SETTING, INCREASE S-ILS 36R CAT E VISIBILITY TO RVR 4000, S-LOC 36R CAT E VISIBILITY TO 2 MILES, AND GEPDE FIX MINIMUMS S-LOC 36R CAT E VISIBILITY TO 1 1/2 MILES.
CHART NOTE: VDP NA WHEN USING DECATUR ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HUNTSVILLE, AL	ELEVATION: 629 TDZE: 595 AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	I-JJC	ILS OR LOC RWY 36R, AMDT 2 25 SEP 2008	AMDT: 1 DATED: 09/30/2004

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ELKED (IAF)	BOLAY (FB)	099.07 / 7.21	3000
HATAS (IAF)	BOLAY (FB)	269.86 / 6.74	3000
BOLAY (IF)	COTIN (FB)	181.95 / 3.50	2500
COTIN	DEBAY (FB)	181.95 / 2.50	2100

THIS IS A CORRECTED PROC PUBLISHED IN TL 08-17. CHANGED SUP PROC AMENDED TO RNAV (GPS) Y RWY 18L.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18L

CLIMB TO 3000 DIRECT CANPA AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BOLAY
3. FAC: 181.95 FAF: DEBAY DIST FAF TO MAP: 4.45 THLD: 4.45
4. MIN. ALT: BOLAY 3000, COTIN 2500, DEBAY 2100, FEKSO/1.70 NM TO RW18L 1200*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: DEBAY OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR
8. MSA FROM: RW18L 3700

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 001.95 INBOUND.
CHART FAS OBST: 767 OL TK 343931N/0864623W
CHART 1219 TREE 344354N/0864337W.
CHART: ASR
CHART R2104A, R2104B, R2104C.
CHART WHEELER NATIONAL WILDLIFE REFUGE.
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.12 MILES TO RW18L* *LNAV ONLY.
WAAS CHANNEL # 72906
REFERENCE PATH ID: W18A

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	809	2400	200	809	2400	200	809	2400	200	809	2400	200	809	2400	200
LNAV/VNAV DA	1017	5000	408	1017	5000	408	1017	5000	408	1017	5000	408	1017	5000	408
LNAV MDA	1040	2400	431	1040	2400	431	1040	4000	431	1040	5000	431	1040	5000	431
CIRCLING	1160	1	531	1160	1	531	1160	1 1/2	531	1240	2	611	1240	2 1/4	611

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 AND LNAV CAT E VISIBILITY TO 1 1/2.
CHART NOTE: CIRCLING NA FOR CAT E EAST OF RWY 18L-36R.
CHART NOTE: BARO-VNAV NA WHEN USING DECATUR ALTIMETER SETTING.
SEE 8260-10

@ CAT E 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 629 TDZE: 609 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 18L
HUNTSVILLE, AL	HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 18L, AMDT 1 / 25 SEP 2008	AMDT: ORIG / DATED 11/25/2004

FAA FORM 8260 - 3 / December 2002 (computer generated)

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NOTES CONT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: VDP NA WHEN USING DECATUR ALTIMETER SETTING.
CHART PLANVIEW NOTE: CAUTION NUMEROUS MIGRATORY BIRD FLOCKS IN AREA. WILDLIFE REFUGE AREA SOUTH OF AIRPORT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DECATUR ALTIMETER SETTING AND INCREASE LPV DA TO 834, LNAV/VNAV DA TO 1042 AND ALL MDAS 40 FEET.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DECATUR ALTIMETER SETTING, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 AND LNAV CAT E VISIBILITY TO 1 3/4.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HUNTSVILLE, AL	**ELEVATION: 629 TDZE: 609** AIRPORT NAME: **HUNTSVILLE INTL-CARL T JONES FLD**	**RNAV**	**RNAV (GPS) RWY 18L, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Y RWY 18L** AMDT: **ORIG** DATED: **11/25/2004**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHSV
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	343911.1600N
LTP/FTP LONGITUDE	0864555.6700W
LTP/FTP ELLIPSOIDAL HEIGHT	+01575
FPAP LATITUDE	343732.2000N
FPAP LONGITUDE	0864557.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	143.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	FA249EE6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01857
FPAP ORTHOMETRIC HEIGHT	+01857

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BOLAY K70    C     N34493939W086454304                    W0031     NAR           BOLAY
          SUSAEAENRT   CANPA K70    W     N34262546W086461100                    W0031     NAR           CANPA
          SUSAEAENRT   COTIN K70    C     N34460880W086454728                    W0031     NAR           COTIN
          SUSAEAENRT   DEBAY K70    C     N34433884W086455029                    W0031     NAR           DEBAY
          SUSAEAENRT   ELKED K70    C   L N34504052W086542336                    W0031     NAR           ELKED
          SUSAEAENRT   FEKSO K70    C     N34405332W086455363                    W0031     NAR           FEKSO
          SUSAEAENRT   HATAS K70    W   L N34494774W086373217                    W0031     NAR           HATAS

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7AHSV     0     126YHN34381390W086463019W001000629         1800018000C    MNAR    HUNTSVILLE INTL-CARL T JONES F

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7FR18L  AELKED 010ELKEDK7EA0E  A    IF                                          18000                A JS
          SUSAP KHSVK7FR18L  AELKED 020BOLAYK7EA0EE   010TF                    09910072    + 03000                      A JS
          SUSAP KHSVK7FR18L  AHATAS 010HATASK7EA0E  A    IF                                          18000                A JS
          SUSAP KHSVK7FR18L  AHATAS 020BOLAYK7EA0EE   010TF                    26990067    + 03000                      A JS
          SUSAP KHSVK7FR18L  R      010BOLAYK7EA0E  I    IF                                + 03000     18000              A JS
          SUSAP KHSVK7FR18L  R      011COTINK7EA0E S  051TF                    18200035    + 02500                      A JS
          SUSAP KHSVK7FR18L  R      020DEBAYK7EA1E  F 051TF                    18200025    + 02100           RW18L K7PGA JS
          SUSAP KHSVK7FR18L  R      020DEBAYK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KHSVK7FR18L  R      021FEKSOK7EA0E S  031TF                    18200028    V 0120001208       -300   A JS
          SUSAP KHSVK7FR18L  R      030RW18LK7PG0GY M 031TF                    18200017      00664            -300   A JS
          SUSAP KHSVK7FR18L  R      040CANPAK7EA0EYM  010DF                                + 03000                      A JS
          SUSAP KHSVK7FR18L  R      050CANPAK7EA0EE HR020HM                    00200070    + 03000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7GRW18L   0100061820 N34391116W086455567-0200    +0157500609000055150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 629 TDZE: 609	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 18L
HUNTSVILLE, AL	AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 18L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 11/25/2004

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SUSAP KHSVK7PR18L  RW18L001 0000W18A0N3439111600W08645556700+015750300N3437322000W086455766001437500000000547F400350FA249EE6
SUSAP KHSVK7PR18L  RW18L002E      +01857+01857LPV       72906          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KHSVK7SRW18LK7PG               0   18018003725                                                                    M
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CITY AND STATE	ELEVATION: 629 TDZE: 609	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 18L
HUNTSVILLE, AL	AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 18L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 11/25/2004

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ELKED	ELKED	010	IAF	IF		FB				
	ELKED	BOLAY	020		TF		FB	1.0	099.1(098T)	007.2	03000
	HATAS	HATAS	010	IAF	IF		FB				
	HATAS	BOLAY	020		TF		FB	1.0	269.9(269T)	006.7	03000
		BOLAY	010	FACF	IF		FB				03000
		COTIN	011	SDF	TF		FB	0.5	182.0(181T)	003.5	02500
		DEBAY	020	FAF	TF		FB	0.5	182.0(181T)	002.5	02100
		FEKSO	021	SDF	TF		FB	0.3	182.0(181T)	002.8	01200
		RW18L	030	MAP	TF		FO	0.3	182.0(181T)	001.7	00664

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CANPA	040		DF		FO	1.0			03000
	CANPA	050		HM	R	FO	2.0	002.0(001T)	007.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOLAY	N344939.39	W0864543.04	N3449.657	W08645.717
	CANPA	N342625.46	W0864611.00	N3426.424	W08646.183
	COTIN	N344608.80	W0864547.28	N3446.147	W08645.788
	DEBAY	N344338.84	W0864550.29	N3443.647	W08645.838
	ELKED	N345040.52	W0865423.36	N3450.675	W08654.389
	FEKSO	N344053.32	W0864553.63	N3440.889	W08645.894
	HATAS	N344947.74	W0863732.17	N3449.796	W08637.536
	RW18L	N343911.16	W0864555.67	N3439.186	W08645.928

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00609	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HUNTSVILLE, AL	**ELEVATION: 629 TDZE: 609** AIRPORT NAME: **HUNTSVILLE INTL-CARL T JONES FLD**	**RNAV**	**RNAV (GPS) RWY 18L, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Y RWY 18L** AMDT: **ORIG** DATED: **11/25/2004**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FEWER (IAF)	BOSAC (FB)	331.81 / 6.67	2800
MASHA (IAF)	BOSAC (FB)	096.22 / 7.13	2800
BOSAC (IF)	CECAB (FB)	001.95 / 6.00	2800

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-17.
UPDATED MISSED APCH HOLD LEG LENGTHS FROM 6 TO 7.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36L

CLIMB TO 3000 DIRECT JASEX AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BOSAC
3. FAC: 001.95 FAF: CECAB DIST FAF TO MAP: 6.58 THLD: 6.58
4. MIN. ALT: BOSAC 2800, CECAB 2800, HEREG/1.70 NM TO RW36L 1200*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: CECAB OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.4 34:1 IS CLEAR
8. MSA FROM: RW36L 3700

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 181.95 INBOUND.
CHART FAS OBST: 709 TREE 343533N/0864717W
CHART FAS OBST: 679 TREE 343621N/0864637W
CHART 929 TREE 343023N/0864830W.
CHART: ASR
CHART R2104A, R2104B, R2104C.
CHART WHEELER NATL WILDLIFE REFUGE.
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 0.93 MILES TO RW36L* *LNAV ONLY.
WAAS CHANNEL # 82606
REFERENCE PATH ID: W36A

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	815	2400	200	815	2400	200	815	2400	200	815	2400	200	815	2400	200
LNAV/VNAV DA	969	4000	354	969	4000	354	969	4000	354	969	4000	354	969	4000	354
LNAV MDA	960	2400	345	960	2400	345	960	2400	345	960	5000	345	960	5000	345
CIRCLING	1160	1	531	1160	1	531	1160	1 1/2	531	1240	2	611	1240	2 1/4	611

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR , INCREASE LNAV CAT D AND E VISIBILITY TO RVR 6000, LPV CAT E VISIBILITY TO RVR 4000, AND LNAV/VNAV CAT E VISIBILITY TO RVR 6000.
CHART NOTE: CIRCLING NA FOR CAT E EAST OF RWY 18L-36R.
CHART NOTE: BARO-VNAV NA WHEN USING DECATUR ALTIMETER SETTING.
SEE 8260-10
@ CAT E 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 629 TDZE: 615 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 36L
HUNTSVILLE, AL	HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 36L, AMDT 1 / 25 SEP 2008	AMDT: ORIG / DATED 04/10/2008

QUALITY CONTROL

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
***LNAV ONLY**
CHART PLANVIEW NOTE: CAUTION: NUMEROUS MIGRATORY BIRD FLOCKS IN AREA. WILDLIFE REFUGE AREA SOUTH OF AIRPORT.
CHART NOTE: VDP NA WHEN USING DECATUR ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE DECATUR ALTIMETER SETTING AND INCREASE LPV DA TO 840, LNAV/VNAV DA TO 994 AND ALL MDAS 40 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 36L
HUNTSVILLE, AL	ELEVATION: 629 TDZE: 615 AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 36L, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 04/10/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHSV
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	343705.4200N
LTP/FTP LONGITUDE	0864658.0500W
LTP/FTP ELLIPSOIDAL HEIGHT	+01582
FPAP LATITUDE	343910.3700N
FPAP LONGITUDE	0864655.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00053.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0CCF49B3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01863
FPAP ORTHOMETRIC HEIGHT	+01863

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BOSAC K70    C     N34242917W086471319                    W0031    NAR          BOSAC                  I
          SUSAEAENRT   CECAB K70    C     N34302973W086470598                    W0031    NAR          CECAB                  I
          SUSAEAENRT   FEWER K70    C   L N34183944W086431739                    W0031    NAR          FEWER                  I
          SUSAEAENRT   HEREG K70    C     N34352326W086470010                    W0031    NAR          HEREG                  I
          SUSAEAENRT   JASEX K70    C     N34494159W086464286                    W0031    NAR          JASEX                  I
          SUSAEAENRT   MASHA K70    C   L N34250852W086554839                    W0031    NAR          MASHA                  I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7AHSV      0     126YHN34381390W086463019W001000629         1800018000C    MNAR    HUNTSVILLE INTL-CARL T JONES FI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7FR36L  AFEWER 010FEWERK7EA0E  A    IF                                          18000                A JS   I
          SUSAP KHSVK7FR36L  AFEWER 020BOSACK7EA0EE   010TF                    33180067    + 02800                          A JS   I
          SUSAP KHSVK7FR36L  AMASHA 010MASHAK7EA0E  A    IF                                          18000                A JS   I
          SUSAP KHSVK7FR36L  AMASHA 020BOSACK7EA0EE   010TF                    09620071    + 02800                          A JS   I
          SUSAP KHSVK7FR36L  R      010BOSACK7EA0E  I    IF                                + 02800   18000                A JS   I
          SUSAP KHSVK7FR36L  R      020CECABK7EA1E  F 051TF                    00200060    + 02800              RW36L K7PGA JS   I
          SUSAP KHSVK7FR36L  R      020CECABK7EA2WALPV       ALNAV/VNAV ALNAV                                              JS   I
          SUSAP KHSVK7FR36L  R      021HEREGK7EA0E S  031TF                    00200049    V 0120001209        -300         A JS   I
          SUSAP KHSVK7FR36L  R      030RW36LK7PG0GY M 031TF                    00200017      00664             -300         A JS   I
          SUSAP KHSVK7FR36L  R      040JASEXK7EA0EYM  010DF                               + 03000                          A JS   I
          SUSAP KHSVK7FR36L  R      050JASEXK7EA0EE HR020HM                    18200070    + 03000                          A JS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7GRW36L   0126000020 N34370542W086465805+0100    +01582006110000531501                                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KHSVK7PR36L  RW36L001 0000W36A0N3437054200W08646580500+015820300N3439103700W0864655540010675000800053 4F4003500CCF49B3I
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CITY AND STATE	ELEVATION: 629 TDZE: 615	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 36L
HUNTSVILLE, AL	AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	RNAV	RNAV (GPS) RWY 36L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 04/10/2008

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```
      SUSAP KHSVK7PR36L  RW36L002E      +01863+01863LPV       82606          000                                                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KHSVK7SRW36LK7PG               0   18018003725                                                                M   I
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CITY AND STATE				
HUNTSVILLE, AL	ELEVATION: 629 TDZE: 615 AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) Y RWY 36L AMDT: ORIG DATED: 04/10/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEWER	FEWER	010	IAF	IF		FB				
	FEWER	BOSAC	020		TF		FB	1.0	331.8(331T)	006.7	02800
	MASHA	MASHA	010	IAF	IF		FB				
	MASHA	BOSAC	020		TF		FB	1.0	096.2(095T)	007.1	02800
		BOSAC	010	FACF	IF		FB				02800
		CECAB	020	FAF	TF		FB	0.5	002.0(001T)	006.0	02800
		HEREG	021	SDF	TF		FB	0.3	002.0(001T)	004.9	01200
		RW36L	030	MAP	TF		FO	0.3	002.0(001T)	001.7	00664
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		JASEX	040		DF		FO	1.0			03000
		JASEX	050		HM	R	FO	2.0	182.0(181T)	007.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOSAC	N342429.17	W0864713.19	N3424.486	W08647.220
	CECAB	N343029.73	W0864705.98	N3430.496	W08647.100
	FEWER	N341839.44	W0864317.39	N3418.657	W08643.290
	HEREG	N343523.26	W0864700.10	N3435.388	W08647.002
	JASEX	N344941.59	W0864642.86	N3449.693	W08646.714
	MASHA	N342508.52	W0865548.39	N3425.142	W08655.807
	RW36L	N343705.42	W0864658.05	N3437.090	W08646.968

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36L	00611	53

CITY AND STATE			FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HUNTSVILLE, AL	ELEVATION: 629 TDZE: 615 AIRPORT NAME: HUNTSVILLE INTL-CARL T JONES FLD		RNAV	RNAV (GPS) RWY 36L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) Y RWY 36L AMDT: ORIG DATED: 04/10/2008

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LYNXX (IAF) (40E) (43A)	ZIGIL (TF) (FB) (RNP 1.00) (40E)	239.86/3.17	6000
ZIGIL (40E)	CIPAP (RF) (FB) (RNP 1.00) (40E)	(9.07 NM RADIUS CCW ZUKPO)/12.63	5000
CIPAP (40E)	SILEX (RF) (FB) (RNP 1.00) (40E) (41E)	(9.07 NM RADIUS CCW ZUKPO)/13.32	3700
FIM VORTAC (IAF) (40V) (43A)	TOAKS (TF) (FB) (RNP 1.00) (40E)	136.00/10.54	4700
VTU VOR/DME (IAF) (40V) (43A)	TOAKS (TF) (FB) (RNP 1.00) (40E)	053.64/14.47	4700
TOAKS (40E)	SILEX (TF) (FB) (RNP 1.00) (40E) (41E)	075.65/8.31	3700
SILEX (IF) (40E) (43I)	WESKI (TF) (FB) (RNP 1.00) (40E) (43F)	075.87/5.25	3000
(CONTINUED ON PAGE 2)			

MISSED APPROACH

MAP: DA

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT SILEX AND HOLD

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 075.65 INBOUND

CHART FAS OBST: 908 TMSN TWR 341222N/1182346W
DIST TO THLD FROM 533 HAT: 1.48 NM
CHART: 2043 TWR 340804N/1181914W

ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH: 787.3 MSL (DO NOT CHART)

MAG VAR: 15E EPOCH YEAR: 1975

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SILEX
3. FAC: 075.85 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: SILEX 3700
5. DIST TO THLD FROM OM: 6.82 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: WESKI 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 60.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW08 9800

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA*	1260	6000	533	1260	6000	533	1260	6000	533	1260	6000	533			

This is a corrected copy of a procedure published in TL 08-19, dated 08/08/2008.

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (33F) OR ABOVE 47C (117F). VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 391 FEET PER NM TO 2700. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE AT LYNXX: RF REQUIRED. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/4 MILE.

CITY AND STATE	ELEVATION: 778 TDZE: 727	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BURBANK, CA	AIRPORT NAME: BOB HOPE	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 8, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV **STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONTINUNED FROM PAGE 1):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WESKI (FAF) (40E) (43F)	RW08 (TF) (FO) (40G) (43M) (41Y)	075.85/6.82	
RW08 (MAP) (40G) (41Y) (43M)	1700 MSL (CA) (42M)	075.85	
1700 MSL	SILEX (DF) (FO) (40E) (41E) (43H)		4000

CITY AND STATE	ELEVATION: 778 TDZE: 727 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BURBANK, CA	BOB HOPE	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 8, ORIG	AMDT: NONE DATED:

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FQF VORTAC	EZBEL (FB)	147.68 / 7.23	8100
JEFEL	DILVE (FB)	286.84 / 13.63	9000
DILVE (IAF)	DOCKY (NOPT) (FB)	280.17 / 5.00	8100
EZBEL (IAF)	DOCKY (NOPT) (FB)	190.13 / 5.00	8100
DOCKY (IF/IAF)	MESME (FB)	280.11 / 3.20	7600
MESME	NIDLY (FB)	280.06 / 3.01	7500

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-18.
FIX NAME CHANGE FROM CELAT TO WAPGU

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 9000 DIRECT FORON AND LEFT TURN VIA 169.95 TRACK TO WAPGU AND LEFT TURN VIA 062.42 TRACK TO DOCKY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E DOCKY, LT, 280.11 INBOUND, 8100 FT. IN LIEU OF PT (IAF)
3. FAC: 280.03 FAF: NIDLY DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: DOCKY 8100, MESME 7600, NIDLY 7500, FEGIB/3.50 NM TO RW28 6940*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7500 GS ALT AT: NIDLY OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR
8. MSA FROM: RW28 12000

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 5872 BLDG 393353N/1044914W
CHART FAS OBST: 6009 TREE 393350N/1044616W
CHART 6229 TREE 393333N/1044504W
DISTANCE TO THLD FROM 291 HAT: 0.88 NM.
CHART VDP AT 1.03 MILES TO RW28* *LNAV ONLY.
WAAS CHANNEL # 82107
REFERENCE PATH ID: W28A

MAG VAR: 11E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	6104	1 1/4	291	6104	1 1/4	291	6104	1 1/4	291	6104	1 1/4	291			
LNAV/VNAV DA	6152	1 1/4	339	6152	1 1/4	339	6152	1 1/4	339	6152	1 1/4	339			
LNAV MDA	6260	1	447	6260	1	447	6260	1 1/4	447	6260	1 1/2	447			
CIRCLING	6440	1	555	6440	1	555	6440	1 1/2	555	6560	2 1/4	675			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -26C (-14F) OR ABOVE 37C (98F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DENVER, CO	ELEVATION: 5885 TDZE: 5813 AIRPORT NAME: CENTENNIAL	RNAV	RNAV (GPS) RWY 28, ORIG-A 25 SEP 2008	SUP: AMDT: ORIG DATED 07/31/2008

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTL ALTIMETER SETTING AND INCREASE ALL DA 108 FEET AND ALL MDA 120 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE, AND CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO VNAV NA WHEN USING DENVER INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FQF VORTAC AIRWAY RADIALS 148 CW 197.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DENVER, CO	**ELEVATION: 5885 TDZE: 5813** AIRPORT NAME: **CENTENNIAL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **07/31/2008**

QUALITY 9 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAPA
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	393405.4590N
LTP/FTP LONGITUDE	1044956.3455W
LTP/FTP ELLIPSOIDAL HEIGHT	+17488
FPAP LATITUDE	393437.3500N
FPAP LONGITUDE	1045143.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4136359D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+17660
FPAP ORTHOMETRIC HEIGHT	+17660

QUALITY 9 CHECKED

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        FQF   K2011630VTHW N39412450W104371550    N39412450W104371550E011005780      NARFALCON                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DILVE K20    W     N39281148W104300976                    E0086     NAR          DILVE                    I
        SUSAEAENRT   DOCKY K20    W     N39295976W104361117                    E0086     NAR          DOCKY                    I
        SUSAEAENRT   EZBEL K20    W     N39343984W104335143                    E0086     NAR          EZBEL                    I
        SUSAEAENRT   FEGIB K20    W     N39325020W104454283                    E0086     NAR          FEGIB                    I
        SUSAEAENRT   FORON K20    W     N39371819W105004899                    E0091     NAR          FORON                    I
        SUSAEAENRT   JEFEL K20    R   L N39215039W104143613                    E0086     NAR          JEFEL                    I
        SUSAEAENRT   MESME K20    W     N39310889W104400263                    E0086     NAR          MESME                    I
        SUSAEAENRT   NIDLY K20    W     N39321384W104434061                    E0086     NAR          NIDLY                    I
        SUSAEAENRT   WAPGU K20    W     N39241763W105010567                    E0091     NAR          WAPGU                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPAK2AAPA      0     100YHN39341240W104505750E011005885        1800018000C    MNAR    CENTENNIAL                   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KAPAK2FR28   ADOCKY 010DOCKYK2EA0EE CL   HF                    28010070    + 08100     18000                A JS   I
        SUSAP KAPAK2FR28   AFQF   010FQF  K2D 0V       IF                                          18000                A JS   I
        SUSAP KAPAK2FR28   AFQF   020EZBELK2EA0E  A 020TF                    14770072    + 08100                          A JS   I
        SUSAP KAPAK2FR28   AFQF   030DOCKYK2EA0EE   010TF                    19010050    + 08100                          A JS   I
        SUSAP KAPAK2FR28   AJEFEL 010JEFELK2EA0E       IF                                          18000                A JS   I
        SUSAP KAPAK2FR28   AJEFEL 020DILVEK2EA0E  A 020TF                    28680136    + 09000                          A JS   I
        SUSAP KAPAK2FR28   AJEFEL 030DOCKYK2EA0EE   010TF                    28020050    + 08100                          A JS   I
        SUSAP KAPAK2FR28   R      010DOCKYK2EA0E  I    IF                                + 08100     18000                A JS   I
        SUSAP KAPAK2FR28   R      011MESMEK2EA0E S  051TF                    28010032    + 07600                          A JS   I
        SUSAP KAPAK2FR28   R      020NIDLYK2EA1E  F 051TF                    28010030    + 07500                RW28  K2PGA JS   I
        SUSAP KAPAK2FR28   R      020NIDLYK2EA2WALPV       ALNAV/VNAV ALNAV                                                 JS   I
        SUSAP KAPAK2FR28   R      021FEGIBK2EA0E S  031TF                    28000017    V 0694006950       -300           A JS   I
        SUSAP KAPAK2FR28   R      030RW28 K2PG0GY M 031TF                    28000035      05824            -300           A JS   I
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CITY AND STATE	ELEVATION: 5885 TDZE: 5813	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: CENTENNIAL	RNAV	RNAV (GPS) RWY 28, ORIG-A 25 SEP 2008	AMDT: ORIG DATED: 07/31/2008

QUALITY 9 CHECKED

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SUSAP KAPAK2FR28   R      040FORONK2EA0E M  010DF                                                    A JS   I
SUSAP KAPAK2FR28   R      050WAPGUK2EA0E   L010TFY                  1700                            A JS   I
SUSAP KAPAK2FR28   R      060DOCKYK2EA0EY  L010TFY                  0624        + 09000             A JS   I
SUSAP KAPAK2FR28   R      070DOCKYK2EA0EE HL020HM                   28010070    + 09000             A JS   I

            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KAPAK2GRW28    0048002800 N39340546W104495635+0600    +1748805794000030075R                                          I

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KAPAK2PR28   RW28 001 0000W28A0N3934054590W10449563455+174880300N3934373500W1045143960010675128800030OF4005004136359DI
SUSAP KAPAK2PR28   RW28 002E      +17660+17660LPV       82107          000                              I

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KAPAK2SRW28 K2PG               0   18018012025                                                    M   I
```

CITY AND STATE	ELEVATION: 5885 TDZE: 5813	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DENVER, CO	AIRPORT NAME: CENTENNIAL	RNAV	RNAV (GPS) RWY 28, ORIG-A 25 SEP 2008	AMDT: ORIG
				DATED: 07/31/2008

QUALITY 9 CHECKED

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DOCKY	DOCKY	010		HF	L	FB		280.1(291T)	007.0	08100
	FQF	FQF	010		IF		FB				
	FQF	EZBEL	020	IAF	TF		FB	2.0	147.7(159T)	007.2	08100
	FQF	DOCKY	030		TF		FB	1.0	190.1(201T)	005.0	08100
	JEFEL	JEFEL	010		IF		FB				
	JEFEL	DILVE	020	IAF	TF		FB	2.0	286.8(298T)	013.6	09000
	JEFEL	DOCKY	030		TF		FB	1.0	280.2(291T)	005.0	08100
		DOCKY	010	FACF	IF		FB				08100
		MESME	011	SDF	TF		FB	0.5	280.1(291T)	003.2	07600
		NIDLY	020	FAF	TF		FB	0.5	280.1(291T)	003.0	07500
		FEGIB	021	SDF	TF		FB	0.3	280.0(291T)	001.7	06940
		RW28	030	MAP	TF		FO	0.3	280.0(291T)	003.5	05824

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FORON	040		DF		FB	1.0			
	WAPGU	050		TF	L	FB	1.0	170.0(181T)		
	DOCKY	060		TF	L	FO	1.0	062.4(073T)		09000
	DOCKY	070		HM	L	FO	2.0	280.1(291T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FQF	N394124.50	W1043715.50	N3941.408	W10437.258
	DILVE	N392811.48	W1043009.76	N3928.191	W10430.163
	DOCKY	N392959.76	W1043611.17	N3929.996	W10436.186
	EZBEL	N393439.84	W1043351.43	N3934.664	W10433.857
	FEGIB	N393250.20	W1044542.83	N3932.837	W10445.714
	FORON	N393718.19	W1050048.99	N3937.303	W10500.817
	JEFEL	N392150.39	W1041436.13	N3921.840	W10414.602
	MESME	N393108.89	W1044002.63	N3931.148	W10440.044
	NIDLY	N393213.84	W1044340.61	N3932.231	W10443.677
	WAPGU	N392417.63	W1050105.67	N3924.294	W10501.095
	RW28	N393405.46	W1044956.35	N3934.091	W10449.939

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	05794	30

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DENVER, CO	**ELEVATION: 5885 TDZE: 5813** AIRPORT NAME: **CENTENNIAL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG-A** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **07/31/2008**

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DBL VOR/DME (IAF)	SOCKY/I-RIL 26.30 DME	274.57 / 13.62	14000
SOCKY/I-RIL 26.30 DME	DOWNY/I-RIL 21.17 DME	260.85 / 5.13 (I-RIL)	12800
COMFR/RIL 20.00 DME CW (IAF)	DOWNY/I-RIL 21.17 DME	20.00 DME ARC (RIL LR-075)	12800
DOWNY/I-RIL 21.17 DME (IF)	WUKLI/I-RIL 13.46 DME	260.85 / 7.71 (I-RIL)	10400

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-19. ADDED CLIMB TO ALTITUDE OF 9200 TO MISSED APCH CLIMB GRADIENT NOTE.

MISSED APPROACH

ILS: DA

CLIMB TO 13000 VIA RIL VOR/DME R-248 TO TEKGU/RIL 19.15 DME AND VIA EKR VOR/DME R-179 TO WOKPA/EKR 44.18 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 179.40 INBOUND.
CHART RIL R-052 AT COMFR.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DOWNY/I-RIL 21.17 DME
3. FAC: 260.85 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: DOWNY 12800, WUKLI 10400
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1084
6. MIN GS INCPT: 10400 GS ALT AT: WUKLI/I-RIL 13.46 DME 10400 OM: - MM: - IM: -
7. GS ANGLE: 3.60 TCH: 56.3
8. MSA FROM: RIL VOR/DME 348-078 12700, 078-168 13500, 168-258 12500, 258-348 11100

MAG VAR: 12E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: #

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 26	6800	4	1252	6800	4	1252	6800	4	1252		NA				

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: WHEN GLIDE SLOPE NOT USED, USE LOC/DME-A PROCEDURE.
CHART NOTE: USE I-RIL DME WHEN ON LOCALIZER COURSE.
SEE 8260-10

CAT A, B, C 1300-4
NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RIFLE, CO	ELEVATION: 5548 TDZE: 5548 AIRPORT NAME: GARFIELD COUNTY REGIONAL	I-RIL	ILS RWY 26, AMDT 1 25 SEP 2008	AMDT: ORIG-C DATED 01/19/2006

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
CHART NOTE: CIRCLING NOT AUTHORIZED.
CHART PLANVIEW NOTE: MISSED APPROACH OBSTRUCTIONS REQUIRE A MINIMUM CLIMB GRADIENT OF 266 FT/NM TO 9200; IF UNABLE TO MEET CLIMB GRADIENT, SEE LOC/DME-A.
CHART ALTERNATE MINIMUMS NOTE: # NA - 0200-1300Z.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RIFLE, CO	**ELEVATION: 5548 TDZE: 5548** AIRPORT NAME: **GARFIELD COUNTY REGIONAL**	**I-RIL**	**ILS RWY 26, AMDT 1** 25 SEP 2008	AMDT: **ORIG-C** DATED: **01/19/2006**

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLOLM (IAF) (40E) (43A)	GLENO (TF) (FB) (RNP 1.00) (40E)	063.71/12.43	13000
GLENO (40E)	TUSPE (RF) (FB) (RNP 1.00) (40E)	(5.18 NM RADIUS CCW OYALI)/5.12	12000
TUSPE (40E)	WIBEX (RF) (FB) (RNP 0.40) (40E) (41E)	(5.18 NM RADIUS CCW OYALI)/10.00	10100
DBL VOR/DME (IAF) (40V) (43A)	HERGI (TF) (FB) (RNP 0.30) (40E)	269.52/7.89	14000
HERGI (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	269.42/16.00	10100
LILXO (IAF) (40E) (43A)	LACID (TF) (FB) (RNP 0.30) (40E)	253.77/10.03	11000
LACID (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	253.62/6.00	10100
TRUEL (IAF) (40E) (43A)	HUTNI (TF) (FB) (RNP 0.30) (40E)	174.17/4.95	12700

MISSED APPROACH

MAP: DA

(DO NOT EXCEED 190 KIAS UNTIL FORDU) CLIMB TO 13000 VIA 260.86 TRACK TO FORDU AND VIA 231.40 TRACK TO YIRDU AND VIA 215.72 TRACK TO WOKPA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.40 INBOUND
CHART FAS OBST: 5819 TREE 393054N/1074111W
CHART: 5553 GROUND 393133N/1074247W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WIBEX
3. FAC: 260.94 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WIBEX 10100, CUBAK 9200, NUPCI 8400
5. DIST TO THLD FROM OM: 6.36 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8000 GS ALT AT: JEXON 8000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.48 TCH: 67.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW26 13400

DISTANCE TO THLD FROM 657 HAT: 1.60 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S

#TCH 5615.4 MSL (DO NOT CHART)

MAG VAR: 12E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY ======>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
RNP 0.30 DA*	6205	2	657	6205	2	657	6205	2	657		NA				
RNP 0.30 DA	6333	2 1/4	785	6333	2 1/4	785	6333	2 1/4	785		NA				

This is a corrected copy of a procedure published in TL 08-19, dated 08/08/2008. (Terminal Route 'Wokpa - Hugsi' deleted)

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED

NOTES: CHART NOTE: GPS REQUIRED. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: PROCEDURE NA FOR AIRCRAFT WITH WINGSPAN GREATER THAN 136 FT.
CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 270 FEET PER NM TO 7000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C (-6F) OR ABOVE 38C (101F).
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
@ CAT A, B, C 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CONTINUED ON PAGE 2

CITY AND STATE	ELEVATION: 5548 TDZE: 5548 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RIFLE, CO	GARFIELD COUNTY REGIONAL	RNAV	25 SEP 2008 RNAV (RNP) Y RWY 26, ORIG	AMDT: NONE
				DATE

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUTNI (40E)	REVNE (TF) (FB) (RNP 0.30) (40E)	188.80/3.51	11400
REVNE (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	225.18/3.54	10100
WIBEX (IF) (40E) (43I)	CUBAK (TF) (FB) (RNP 0.30) (40E) (42S)	256.57/2.60	9200
CUBAK (40E) (42S)	NUPCI (TF) (FB) (RNP 0.30) (40E) (42S)	259.48/2.85	8400
NUPCI (40E) (42S)	JEXON (TF) (FB) (RNP 0.30) (40E) (43F)	260.98/2.86	8000
JEXON (FAF) (40E) (43F)	RW26 (TF) (FO) (40E) (41Y) (43M)	260.94/6.36	
RW26 (MAP) (40E) (41Y) (43M)	FORDU (TF) (FB) (RNP 1.00) (40E) (42M)	260.86/5.08	
FORDU (40E)	YIRDU (TF) (FB) (RNP 1.00) (40E)	231.40/10.08	
YIRDU (40E)	WOKPA (TF) (FO) (RNP 1.00) (40E) (43H)	215.72/9.00	13000

NOTES (CONT'D)

CHART PLANVIEW NOTE AT GLENO, DBL VOR/DME, TRUEL: MAX 210 KIAS
CHART PLANVIEW NOTE AT LILXO: MAX 270 KIAS
CHART PLANVIEW NOTE AT WIBEX: MAX 180 KIAS
CHART PLANVIEW NOTE AT FORDU: MAX 190 KIAS
CHART PLANVIEW NOTE AT SLOLM, DBL VOR/DME, LILXO, TRUEL: (RNP 0.30)
CHART PLANVIEW NOTE AT SLOLM: (RF REQUIRED), MAX 240 KIAS VIA V220 SOUTHBOUND
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DBL VOR/DME AIRWAY RADIALS 212 CW 297 AND ARRIVALS AT LILXO VIA V108 SOUTHEAST BOUND, V591 NORTHBOUND AND ARRIVALS AT TRUEL VIA V8 NORTHEAST BOUND, V108 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT

CITY AND STATE	ELEVATION: 5548 TDZE: 5548 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RIFLE, CO	GARFIELD COUNTY REGIONAL	RNAV	25 SEP 2008 RNAV (RNP) Y RWY 26, ORIG	AMDT: NONE
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLOLM (IAF) (40E) (43A)	GLENO (TF) (FB) (RNP 1.00) (40E)	063.71/12.43	13000
GLENO (40E)	TUSPE (RF) (FB) (RNP 1.00) (40E)	(5.18 NM RADIUS CCW OYALI)/5.12	12000
TUSPE (40E)	WIBEX (RF) (FB) (RNP 0.40) (40E) (41E)	(5.18 NM RADIUS CCW OYALI)/10.00	10100
DBL VOR/DME (IAF) (40V) (43A)	HERGI (TF) (FB) (RNP 0.30) (40E)	269.52/7.89	14000
HERGI (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	269.42/16.00	10100
LILXO (IAF) (40E) (43A)	LACID (TF) (FB) (RNP 0.30) (40E)	253.77/10.03	11000
LACID (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	253.62/6.00	10100
TRUEL (IAF) (40E) (43A)	HUTNI (TF) (FB) (RNP 0.30) (40E)	174.17/4.95	12700

MISSED APPROACH

MAP: DA

CLIMB TO 13000 VIA 260.85 TRACK TO SIYOP AND VIA 260.80 TRACK TO PUVOY AND VIA LEFT TURN TO TEROE AND VIA 231.40 TRACK TO WADAK AND VIA 231.38 TRACK TO YIRDU AND VIA 215.72 TRACK TO WOKPA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.40 INBOUND
CHART FAS OBST: 5739 TREE 393119N/1074155W
5819 TREE 393054N/1074111W
CHART: 5553 GROUND 393133N/1074247W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WIBEX
3. FAC: 260.94 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WIBEX 10100, CUBAK 9200, NUPCI 8400
5. DIST TO THLD FROM OM: 6.36 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8000 GS ALT AT: JEXON 8000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.48 TCH: 67.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW26 13400

DISTANCE TO THLD FROM 442 HAT: 1.01 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S

#TCH 5615.4 MSL (DO NOT CHART)

MAG VAR: 12E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
This is a corrected copy of a procedure published in TL 08-19, dated 08/08/2008. (Terminal Route 'Wokpa - Hugsi' deleted)															
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.10 DA*	5990	1 1/4	442	5990	1 1/4	442	5990	1 1/4	442		NA				
RNP 0.30 DA	6193	2	645	6193	2	645	6193	2	645		NA				

NOTES: CHART NOTE: RF AND GPS REQUIRED.
CHART NOTE: PROCEDURE NA FOR AIRCRAFT WITH WINGSPAN GREATER THAN 136 FT.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C (-6F) OR ABOVE 38C (101F).
CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THAN 1.0.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CONTINUED ON PAGE 2 AND 3

CITY AND STATE	ELEVATION: 5548 TDZE: 5548 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RIFLE, CO	GARFIELD COUNTY REGIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 26, ORIG	AMDT: NONE
				DATE

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUTNI (40E)	REVNE (TF) (FB) (RNP 0.30) (40E)	188.80/3.51	11400
REVNE (40E)	WIBEX (TF) (FB) (RNP 0.30) (40E) (41E)	225.18/3.54	10100
WIBEX (IF) (40E) (43I)	CUBAK (TF) (FB) (RNP 0.30) (40E) (42S)	256.57/2.60	9200
CUBAK (40E) (42S)	NUPCI (TF) (FB) (RNP 0.30) (40E) (42S)	259.48/2.85	8400
NUPCI (40E) (42S)	JEXON (TF) (FB) (RNP 0.30) (40E) (43F)	260.98/2.86	8000
JEXON (FAF) (40E) (43F)	RW26 (TF) (FB) (40E) (43M)	260.94/6.36	
RW26 (MAP) (40E) (43M)	SIYOP (TF) (FB) (RNP 0.38) (40E) (42M)	260.85/2.10	
SIYOP (40E)	PUVOY (TF) (FB) (RNP 0.41) (40E)	260.82/1.30	
PUVOY (40E)	TEROE (RF) (FB) (RNP 0.80) (40E)	(6.40 NM RADIUS CCW IXULE)/3.28	
TEROE (40E)	WADAK (TF) (FB) (RNP 0.90) (40E)	231.40/2.10	
WADAK (40E)	YIRDU (TF) (FB) (RNP 1.00) (40E)	231.38/6.31	
YIRDU (40E)	WOKPA (TF) (FO) (RNP 1.00) (40E) (43H)	215.72/9.00	13000

CITY AND STATE	ELEVATION: 5548 TDZE: 5548 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RIFLE, CO	GARFIELD COUNTY REGIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 26, ORIG	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES (CONT'D)

CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 425 FEET PER NM TO 6500.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE AT GLENO, DBL VOR/DME, TRUEL: MAX 210 KIAS
CHART PLANVIEW NOTE AT LILXO: MAX 270 KIAS
CHART PLANVIEW NOTE AT WIBEX: MAX 180 KIAS
CHART PLANVIEW NOTE AT SLOLM, DBL VOR/DME, LILXO, TRUEL: (RNP 0.30)
CHART PLANVIEW NOTE AT SLOLM: MAX 240 KIAS VIA V220 SOUTHBOUND
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DBL VOR/DME AIRWAY RADIALS 212 CW 297 AND ARRIVALS AT LILXO VIA V108 SOUTHEAST BOUND, V591 NORTHBOUND AND ARRIVALS AT TRUEL VIA V8 NORTHEAST BOUND, V108 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT

CITY AND STATE	ELEVATION: 5548 TDZE: 5548 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RIFLE, CO	GARFIELD COUNTY REGIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 26, ORIG	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IHKAW (IAF)	GECNU (NOPT) (FB)	030.11 / 5.00	3300
NEVPE (IAF)	GECNU (NOPT) (FB)	210.18 / 5.00	3300
GECNU (IF/IAF)	OTKAH (FB)	120.14 / 6.09	2900

This is a corrected copy of a procedure published in TL 08-19, dated 08-08-2008.
(FAC was missing. All other information remains the same.)

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 3900 DIRECT OTLAZ AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW GECNU, RT, 120.14 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
3. FAC: 120.28 FAF: OTKAH DIST FAF TO MAP: 4.91 THLD: 4.91
4. MIN. ALT: GECNU 3300, OTKAH 2900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: OTKAH OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 300.43 INBOUND.
CHART FAS OBST: 1599 100' TREE 420130N/0952615W
CHART 1285 BLDG 415925N/0952348W.
CHART VDP AT 1.76 MILES TO RW12* *LNAV ONLY.
WAAS CHANNEL # 90409
REFERENCE PATH ID: W12A
DISTANCE TO THLD FROM 250 HAT: 0.66NM.
CHART TDZE: 1274'
CHART AIRPORT ELEV 1274'

MAG VAR: 4E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1524	1	250	1524	1	250	1524	1	250		NA				
LNAV/VNAV DA	1554	1	280	1554	1	280	1554	1	280		NA				
LNAV MDA	1860	1	586	1860	1	586	1860	1 1/2	586		NA				
CIRCLING	1860	1	586	1880	1	606	1880	1 3/4	606		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CARROLL ALTIMETER SETTING.
SEE 8260-10

CITY AND STATE	ELEVATION: 1274 TDZE: 1274	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DENISON, IA	AIRPORT NAME: DENISON MUNI	RNAV	RNAV (GPS) RWY 12, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 02/21/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GUMBO (IAF)	EXPOW (NOPT) (FB)	249.52 / 8.92	3500
ILODE (IAF)	EXPOW (NOPT) (FB)	044.72 / 6.78	3500
EXPOW (IF/IAF)	CUNKU (FB)	314.78 / 6.87	2700

This is a corrected copy of page 1 of 6 from TL 08-19, all other information remains the same.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 3500 DIRECT FOXEV AND VIA 224.63 TRACK TO HIGRA AND VIA 151.03 TRACK TO LINDE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 326.00 INBOUND.
CHART FAS OBST: 1129 TREE 414913N/0940934W
CHART: 1149 TREE 414521N/0940544W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
WAAS CHANNEL # 90508
REFERENCE PATH ID: W32A
CHART APT ELEV: 1013
CHART TDZE: 1012

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE EXPOW, RT, 314.78 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 314.72 FAF: CUNKU DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: EXPOW 3500, CUNKU 2700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: CUNKU OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 4000

MAG VAR: 6E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1262	1	250	1262	1	250		NA			NA				
LNAV/VNAV DA	1399	1 1/2	387	1399	1 1/2	387		NA			NA				
LNAV MDA	1380	1	368	1380	1	368		NA			NA				
CIRCLING	1440	1	427	1480	1	467		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING BOONE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 1013 TDZE: 1012	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PERRY, IA	AIRPORT NAME: PERRY MUNI	RNAV	RNAV (GPS) RWY 32, ORIG SEP 25 2008	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ABB VORTAC (IAF)	MENDY (FB)	216.88 / 14.98	3000
HONOS (IAF)	MENDY (FB)	130.15 / 18.89	3000
MENDY (IF)	BLGRS (FB)	168.37 / 4.53	3000
BLGRS	CHRCL (FB)	168.39 / 1.57	2500

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-19. CHANGING THE ARINC CODING SEQUENCE. CHANGING THE DISTANCE FROM CHRCL TO VOYUK FROM 6.07 NM TO 3.27 AND THE DISTANCE FROM VOYUK TO R17R FROM 6.07 TO 2.80 NM.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17R

CLIMB TO 3000 DIRECT TEYUD AND VIA 265.73 TRACK TO NADDI AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MENDY
3. FAC: 168.39 FAF: CHRCL DIST FAF TO MAP: 6.07 THLD: 6.07
4. MIN. ALT: MENDY 3000, BLGRS 3000, CHRCL 2500, VOYUK/2.80 NM TO RW17R 1400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: CHRCL 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.7 34:1 IS CLEAR
8. MSA FROM: RW17R 3600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 083.89 INBOUND.
CHART FAS OBST: 657 OL TWR 381151N/0854442W
CHART FAS OBST: 683 TOWER 381325N/0854458W
CHART 735 TOWER 381402N/0854600W.
CHART R3704 A & B.
DISTANCE TO THLD FROM 265 HAT: 0.69 NM.
CHART VDP AT 1.38 MILES TO RW17R* *LNAV ONLY.
WAAS CHANNEL # 57909
REFERENCE PATH ID: W17A

MAG VAR: 3W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	755	2400	265	755	2400	265	755	2400	265	755	2400	265			
LNAV/VNAV DA	946	5000	456	946	5000	456	946	5000	456	946	5000	456			
LNAV MDA	1000	2400	510	1000	2400	510	1000	5000	510	1000	5000	510			
CIRCLING	1040	1	539	1140	1	639	1140	1 3/4	639	1140	2	639			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HONOS VIA V44 WESTBOUND, V171 NORTHWEST BOUND.
SEE 8260-10

CITY AND STATE	ELEVATION: 501 TDZE: 490	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FLD	RNAV	RNAV (GPS) RWY 17R, ORIG 25 SEP 2008	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ABB VORTAC ON AIRWAY RADIALS 174 CW 267.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	**ELEVATION: 501 TDZE: 490** AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FLD**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSDF
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	381105.0600N
LTP/FTP LONGITUDE	0854452.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01147
FPAP LATITUDE	380919.4500N
FPAP LONGITUDE	0854418.1100W
THRESHOLD CROSSING HEIGHT (TCH)	00049.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B5415962

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01480
FPAP ORTHOMETRIC HEIGHT	+01480

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	ELEVATION: 501 TDZE: 490 AIRPORT NAME: LOUISVILLE INTL-STANDIFORD FLD	RNAV	RNAV (GPS) RWY 17R, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ABB   K5011240VTLA N38351982W085380957    N38351982W085380957E001000710      NARNABB                        I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BLGRS K50    W     N38182898W085471958                    W0046     NAR           BLGRS                    I
        SUSAEAENRT   CHRCL K50    W     N38165773W085464940                    W0046     NAR           CHRCL                    I
        SUSAEAENRT   HONOS K50    C   L N38341924W086075574                    W0038     NAR           HONOS                    I
        SUSAEAENRT   MENDY K50    W     N38225240W085484685                    W0046     NAR           MENDY                    I
        SUSAEAENRT   NADDI K50    C   L N38035650W086054390                    W0038     NAR           NADDI                    I
        SUSAEAENRT   TEYUD K50    W     N38061441W085431719                    W0046     NAR           TEYUD                    I
        SUSAEAENRT   VOYUK K50    W     N38134781W085454664                    W0046     NAR           VOYUK                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5ASDF     0     118YHN38102671W085441140W003000501         1800018000C    MNAR    LOUISVILLE INTL-STANDIFORD FLDI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5FR17R  AABB    010ABB  K5D 0V  A    IF                                          18000                A JS   I
        SUSAP KSDFK5FR17R  AABB    020MENDYK5EA0EE   010TF                  21690150    + 03000                          A JS   I
        SUSAP KSDFK5FR17R  AHONOS  010HONOSK5EA0E  A    IF                                          18000                A JS   I
        SUSAP KSDFK5FR17R  AHONOS  020MENDYK5EA0EE   010TF                  13020189    + 03000                          A JS   I
        SUSAP KSDFK5FR17R  R       010MENDYK5EA0E  I    IF                              + 03000     18000                A JS   I
        SUSAP KSDFK5FR17R  R       011BLGRSK5EA0E S  051TF                  16840045    + 03000                          A JS   I
        SUSAP KSDFK5FR17R  R       020CHRCLK5EA1E  F 010TF                  16840016    + 02500                RW17R K5PGA JS   I
        SUSAP KSDFK5FR17R  R       020CHRCLK5EA2WALPV       ALNAV/VNAV ALNAV                                              JS   I
        SUSAP KSDFK5FR17R  R       021VOYUKK5EA0E S  031TF                  16840033    V 0140001435        -300          A JS   I
        SUSAP KSDFK5FR17R  R       030RW17RK5PG0GY M 031TF                  16840028      00536             -300          A JS   I
        SUSAP KSDFK5FR17R  R       040TEYUDK5EA0E M     DF                                                              A JS   I
        SUSAP KSDFK5FR17R  R       050NADDIK5EA0EY      TF                  2657        + 03000                          A JS   I
        SUSAP KSDFK5FR17R  R       060NADDIK5EA0EE HL020HM                  08390040    + 03000                          A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 501 TDZE: 490	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FLD**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

```
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5GRW17R   0110401684 N38110506W085445293-0200    +01147004860850501501                                                  I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5PR17R  RW17R001 0000W17A0N3811050600W08544529300+011470300N3809194500W085441811001067500000000497F400500B5415962I
        SUSAP KSDFK5PR17R  RW17R002E      +01480+01480LPV       57909          000                                                        I

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSDFK5SRW17RK5PG               0   18018003625                                                                        M   I
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOUISVILLE, KY	**ELEVATION: 501 TDZE: 490** AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FLD**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ABB	ABB	010	IAF	IF		FB				
	ABB	MENDY	020		TF		FB	1.0	216.9(214T)	015.0	03000
	HONOS	HONOS	010	IAF	IF		FB				
	HONOS	MENDY	020		TF		FB	1.0	130.2(127T)	018.9	03000
		MENDY	010	FACF	IF		FB				03000
		BLGRS	011	SDF	TF		FB	0.5	168.4(165T)	004.5	03000
		CHRCL	020	FAF	TF		FB	1.0	168.4(165T)	001.6	02500
		VOYUK	021	SDF	TF		FB	0.3	168.4(165T)	003.3	01400
		RW17R	030	MAP	TF		FO	0.3	168.4(165T)	002.8	00536

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TEYUD	040		DF		FB				
	NADDI	050		TF		FO		265.7(263T)		03000
	NADDI	060		HM	L	FO	2.0	083.9(081T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABB	N383519.82	W0853809.57	N3835.330	W08538.160
	BLGRS	N381828.98	W0854719.58	N3818.483	W08547.326
	CHRCL	N381657.73	W0854649.40	N3816.962	W08546.823
	HONOS	N383419.24	W0860755.74	N3834.321	W08607.929
	MENDY	N382252.40	W0854846.85	N3822.873	W08548.781
	NADDI	N380356.50	W0860543.90	N3803.942	W08605.732
	TEYUD	N380614.41	W0854317.19	N3806.240	W08543.287
	VOYUK	N381347.81	W0854546.64	N3813.797	W08545.777
	RW17R	N381105.06	W0854452.93	N3811.084	W08544.882

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17R	00486	50

CITY AND STATE	ELEVATION: 501 TDZE: 490	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOUISVILLE, KY	AIRPORT NAME: **LOUISVILLE INTL-STANDIFORD FLD**	**RNAV**	**RNAV (GPS) RWY 17R, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SWR VOR/DME	ORUKE (FB)	086.67 / 18.78	11800
ORUKE	PIDIC (FB)	074.05 / 5.00	11500
RICHY	PIDIC (FB)	043.70 / 13.46	11500
VIKES	NIPME (FB)	176.30 / 6.76	11000
PIDIC (IAF)	JUKNU (FB)	344.12 / 4.20	9600
NIPME (IAF)	JUKNU (FB)	254.22 / 7.00	9600
RAMRE (IAF)	JUKNU (FB)	320.08 / 9.81	9600
SEE 8260-10	THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-19.		

MISSED APPROACH

LNAV: RW34L

CLIMB TO 10000 DIRECT TAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 164.12 INBOUND.
CHART FAS OBST: 5027 TOWER 392821N/1194529W
CHART 6274 ANT 392203N/1194711W.
CHART 5642 TREE 392321N/1194749W.
KARME TO RW34L: 3.41/72.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JUKNU
3. FAC: 344.12 FAF: KARME DIST FAF TO MAP: 9.99 THLD: 9.99
4. MIN. ALT: JUKNU 9600, KARME 8100, FEBAK/6.30 NM TO RW34L 6740
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW34L 12000

MAG VAR: 16E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	5300	1	890	5300	1	890	5300	2 1/4	890	5300	2 1/2	890			
CIRCLING	5340	1 1/4	925	5340	1 1/4	925	5340	2 3/4	925	5340	3	925			

NOTES:
CHART NOTE: CIRCLING TO RWY 7, 25 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT A AND B VISIBILITY TO 1 1/4.

@ CAT A, B 1000-2, CAT C 1000-2 3/4, CAT D 1000-3

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RENO, NV	ELEVATION: 4415 TDZE: 4410 RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 34L AMDT: ORIG DATED 03/22/2001

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SPOON (IAF)	JUKNU (FB)	344.12 / 4.41	9600
JUKNU (IF)	KARME (FB)	344.12 / 8.32	8100

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RENO, NV	ELEVATION: 4415 TDZE: 4410 AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 34L AMDT: ORIG DATED: 03/22/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        SWR   K2011320VDLA N39104916W120161061    N39104916W120161061E016008850      NARSQUAW VALLEY               I

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FEBAK K20    W     N39225258W119461047                    E0141    NAR          FEBAK                    I
          SUSAEAENRT   JUKNU K20    W     N39105134W119461241                    E0141    NAR          JUKNU                    I
          SUSAEAENRT   KARME K20    W     N39191088W119461107                    E0141    NAR          KARME                    I
          SUSAEAENRT   NIPME K20    W     N39105011W119371228                    E0141    NAR          NIPME                    I
          SUSAEAENRT   ORUKE K20    W     N39063956W119523851                    E0141    NAR          ORUKE                    I
          SUSAEAENRT   PIDIC K20    W     N39063911W119461308                    E0141    NAR          PIDIC                    I
          SUSAEAENRT   RAMRE K20    W     N39015279W119410538                    E0141    NAR          RAMRE                    I
          SUSAEAENRT   RICHY K20    C   L N38595214W120010900                    E0141    NAR          RICHY                    I
          SUSAEAENRT   SPOON K20    W     N39062620W119461312                    E0141    NAR          SPOON                    I
          SUSAEAENRT   TAKLE K20    C     N39414918W119460754                    E0141    NAR          TAKLE                    I
          SUSAEAENRT   VIKES K20    C   L N39172659W119352123                    E0141    NAR          VIKES                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KRNOK2ARNO     0     110YHN39295680W119460520E016004415         1800018000C    MNAR    RENO/TAHOE INTL              I

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KRNOK2FR34LX ARAMRE 010RAMREK2EA0E  A    IF                                          18000              B JS   I
          SUSAP KRNOK2FR34LX ARAMRE 020JUKNUK2EA0EE   010TF                 32010098    + 09600                         B JS   I
          SUSAP KRNOK2FR34LX ARICHY 010RICHYK2EA0E       IF                                          18000              B JS   I
          SUSAP KRNOK2FR34LX ARICHY 020PIDICK2EA0E  A 020TF                 04370135    + 11500                         B JS   I
          SUSAP KRNOK2FR34LX ARICHY 030JUKNUK2EA0EE   020TF                 34410042    + 09600                         B JS   I
          SUSAP KRNOK2FR34LX ASPOON 010SPOONK2EA0E  A    IF                                          18000              B JS   I
          SUSAP KRNOK2FR34LX ASPOON 020JUKNUK2EA0EE   010TF                 34410044    + 09600                         B JS   I
          SUSAP KRNOK2FR34LX ASWR   010SWR  K2D 0V       IF                                          18000              B JS   I
          SUSAP KRNOK2FR34LX ASWR   020ORUKEK2EA0E    020TF                 08670188    + 11800                         B JS   I
          SUSAP KRNOK2FR34LX ASWR   030PIDICK2EA0E  A 020TF                 07410050    + 11500                         B JS   I
          SUSAP KRNOK2FR34LX ASWR   040JUKNUK2EA0EE   020TF                 34410042    + 09600                         B JS   I
```

CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34L
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 03/22/2001

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```
SUSAP KRNOK2FR34LX AVIKES 010VIKESK2EA0E       IF                                                18000                B JS   I
SUSAP KRNOK2FR34LX AVIKES 020NIPMEK2EA0E  A 020TF                      17630068    + 11000                              B JS   I
SUSAP KRNOK2FR34LX AVIKES 030JUKNUK2EA0EE   010TF                      25420070    + 09600                              B JS   I
SUSAP KRNOK2FR34LX R      010JUKNUK2EA0E  I    IF                                 + 09600      18000                   B JS   I
SUSAP KRNOK2FR34LX R      020KARMEK2EA1E  F 051TF                      34410083    + 08100                 RW34L K2PGB JS   I
SUSAP KRNOK2FR34LX R      020KARMEK2EA2WN          N          ALNAV                                                    JS   I
SUSAP KRNOK2FR34LX R      021FEBAKK2EA0E S  031TF                      34410037    V 0674006780         -344            B JS   I
SUSAP KRNOK2FR34LX R      030RW34LK2PG0GY M 031TF                      34410063      04455              -344            B JS   I
SUSAP KRNOK2FR34LX R      040TAKLEK2EA0EYM  010DF                                  + 10000                              B JS   I
SUSAP KRNOK2FR34LX R      050TAKLEK2EA0EE HR020HM                      16410080    + 10000                              B JS   I
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2GRW34L    0100123441 N39291091W119460945+0000    +13201044100990045150I                                  I
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2SRW34LK2PG                0   18018012025                                                             M   I
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RENO, NV	ELEVATION: 4415 TDZE: 4410 AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 34L AMDT: ORIG DATED: 03/22/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RAMRE	RAMRE	010	IAF	IF		FB				
	RAMRE	JUKNU	020		TF		FB	1.0	320.1(336T)	009.8	09600
	RICHY	RICHY	010		IF		FB				
	RICHY	PIDIC	020	IAF	TF		FB	2.0	043.7(060T)	013.5	11500
	RICHY	JUKNU	030		TF		FB	2.0	344.1(000T)	004.2	09600
	SPOON	SPOON	010	IAF	IF		FB				
	SPOON	JUKNU	020		TF		FB	1.0	344.1(000T)	004.4	09600
	SWR	SWR	010		IF		FB				
	SWR	ORUKE	020		TF		FB	2.0	086.7(103T)	018.8	11800
	SWR	PIDIC	030	IAF	TF		FB	2.0	074.1(090T)	005.0	11500
	SWR	JUKNU	040		TF		FB	2.0	344.1(000T)	004.2	09600
	VIKES	VIKES	010		IF		FB				
	VIKES	NIPME	020	IAF	TF		FB	2.0	176.3(192T)	006.8	11000
	VIKES	JUKNU	030		TF		FB	1.0	254.2(270T)	007.0	09600
		JUKNU	010	FACF	IF		FB				09600
		KARME	020	FAF	TF		FB	0.5	344.1(000T)	008.3	08100
		FEBAK	021	SDF	TF		FB	0.3	344.1(000T)	003.7	06740
		RW34L	030	MAP	TF		FO	0.3	344.1(000T)	006.3	04455

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TAKLE	040		DF		FO	1.0			10000
	TAKLE	050		HM	R	FO	2.0	164.1(180T)	008.0	10000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SWR	N391049.16	W1201610.61	N3910.819	W12016.177
	FEBAK	N392252.58	W1194610.47	N3922.876	W11946.175
	JUKNU	N391051.34	W1194612.41	N3910.856	W11946.207
	KARME	N391910.88	W1194611.07	N3919.181	W11946.185
	NIPME	N391050.11	W1193712.28	N3910.835	W11937.205
	ORUKE	N390639.56	W1195238.51	N3906.659	W11952.642
	PIDIC	N390639.11	W1194613.08	N3906.652	W11946.218
	RAMRE	N390152.79	W1194105.38	N3901.880	W11941.090
	RICHY	N385952.14	W1200109.00	N3859.869	W12001.150
	SPOON	N390626.20	W1194613.12	N3906.437	W11946.219
	TAKLE	N394149.18	W1194607.54	N3941.820	W11946.126
	VIKES	N391726.59	W1193521.23	N3917.443	W11935.354
	RW34L	N392910.91	W1194609.45	N3929.182	W11946.158

CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 34L
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 03/22/2001

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RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW34L	04410	45

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RENO, NV	ELEVATION: 4415 TDZE: 4410 AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) X RWY 34L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 34L AMDT: ORIG DATED: 03/22/2001

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SWR VOR/DME	ORUKE (FB)	086.67 / 18.78	11800
ORUKE	PIDIC (FB)	074.05 / 5.00	11500
RICHY	PIDIC (FB)	043.70 / 13.46	11500
VIKES	NIPME (FB)	176.30 / 6.76	11000
PIDIC (IAF)	JUKNU (FB)	344.12 / 4.20	9600
NIPME (IAF)	JUKNU (FB)	254.22 / 7.00	9600
RAMRE (IAF)	JUKNU (FB)	320.08 / 9.81	9600
SEE 8260-10			

MISSED APPROACH

LPV: DA

CLIMB TO 10000 DIRECT TAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 164.12 INBOUND.
CHART 4510 TREE 392829N/1194616W.
DISTANCE TO THLD FROM 608 HAT: 1.50 NM.
WAAS CHANNEL # 82609
REFERENCE PATH ID: W34A
CHART AIRPORT ELEV: 4415
CHART TDZE: 4410

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JUKNU
3. FAC: 344.12 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: JUKNU 9600, KARME 8300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8300 GS ALT AT: KARME OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.54 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW34L 12000

MAG VAR: 16E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5018	1 1/4	608	5018	1 1/4	608	5018	1 1/4	608		NA				
CIRCLING	5340	1 3/4	925	5340	1 3/4	925	5340	3	925		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 7, 25 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10

@ CAT A, B 1000-2, CAT C 1000-3

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-19.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
RENO, NV	ELEVATION: 4415 TDZE: 4410 RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SPOON (IAF)	JUKNU (FB)	344.12 / 4.41	9600
JUKNU (IF)	KARME (FB)	344.12 / 8.32	8300

NOTES CONT.
CHART NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY 1/2 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	ELEVATION: 4415 TDZE: 4410 AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRNO
RUNWAY	RW34L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	392910.9100N
LTP/FTP LONGITUDE	1194609.4500W
LTP/FTP ELLIPSOIDAL HEIGHT	+13201
FPAP LATITUDE	393050.1000N
FPAP LONGITUDE	1194609.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.54
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9C7E0103

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+13443
FPAP ORTHOMETRIC HEIGHT	+13443

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SWR   K2011320VDLA N39104916W120161061    N39104916W120161061E016008850      NARSQUAW VALLEY                I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUKNU K20    W     N39105134W119461241                    E0141    NAR          JUKNU                          I
        SUSAEAENRT   KARME K20    W     N39191088W119461107                    E0141    NAR          KARME                          I
        SUSAEAENRT   NIPME K20    W     N39105011W119371228                    E0141    NAR          NIPME                          I
        SUSAEAENRT   ORUKE K20    W     N39063956W119523851                    E0141    NAR          ORUKE                          I
        SUSAEAENRT   PIDIC K20    W     N39063911W119461308                    E0141    NAR          PIDIC                          I
        SUSAEAENRT   RAMRE K20    W   L N39015279W119410538                    E0141    NAR          RAMRE                          I
        SUSAEAENRT   RICHY K20    C   L N38595214W120010900                    E0141    NAR          RICHY                          I
        SUSAEAENRT   SPOON K20    W     N39062620W119461312                    E0141    NAR          SPOON                          I
        SUSAEAENRT   TAKLE K20    C     N39414918W119460754                    E0141    NAR          TAKLE                          I
        SUSAEAENRT   VIKES K20    C   L N39172659W119352123                    E0141    NAR          VIKES                          I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2ARNO     0     110YHN39295680W119460520E016004415        1800018000C    MNAR    RENO/TAHOE INTL                I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2FR34LY ARAMRE 010RAMREK2EA0E  A    IF                                          18000              A WS   I
        SUSAP KRNOK2FR34LY ARAMRE 020JUKNUK2EA0EE   010TF                 32010098    + 09600                        A WS   I
        SUSAP KRNOK2FR34LY ARICHY 010RICHYK2EA0E      IF                                          18000              A WS   I
        SUSAP KRNOK2FR34LY ARICHY 020PIDICK2EA0E  A 020TF                 04370135    + 11500                        A WS   I
        SUSAP KRNOK2FR34LY ARICHY 030JUKNUK2EA0EE   010TF                 34410042    + 09600                        A WS   I
        SUSAP KRNOK2FR34LY ASPOON 010SPOONK2EA0E  A    IF                                          18000              A WS   I
        SUSAP KRNOK2FR34LY ASPOON 020JUKNUK2EA0EE   010TF                 34410044    + 09600                        A WS   I
        SUSAP KRNOK2FR34LY ASWR   010SWR  K2D 0V      IF                                          18000              A WS   I
        SUSAP KRNOK2FR34LY ASWR   020ORUKEK2EA0E     020TF                 08670188    + 11800                        A WS   I
        SUSAP KRNOK2FR34LY ASWR   030PIDICK2EA0E  A 020TF                 07410050    + 11500                        A WS   I
        SUSAP KRNOK2FR34LY ASWR   040JUKNUK2EA0EE   010TF                 34410042    + 09600                        A WS   I
        SUSAP KRNOK2FR34LY AVIKES 010VIKESK2EA0E      IF                                          18000              A WS   I
```

CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KRNOK2FR34LY AVIKES 020NIPMEK2EA0E  A 020TF                  17630068    + 11000                              A WS   I
SUSAP KRNOK2FR34LY AVIKES 030JUKNUK2EA0EE   010TF                  25420070    + 09600                              A WS   I
SUSAP KRNOK2FR34LY R      010JUKNUK2EA0E      IF                               + 09600     18000                    A WS   I
SUSAP KRNOK2FR34LY R      020KARMEK2EA0E    051TF                  34410083    + 08300                              A WS   I
SUSAP KRNOK2FR34LY R      030RW34LK2PG0GY M 031TF                  34410100      04455               -354           A WS   I
SUSAP KRNOK2FR34LY R      040TAKLEK2EA0EYM  010DF                               + 10000                              A WS   I
SUSAP KRNOK2FR34LY R      050TAKLEK2EA0EE HR020HM                  16410080    + 10000                              A WS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2GRW34L   0100123441 N39291091W119460945+0000    +1320104410099045150I                                  I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2PR34LY RW34L001Y0000W34A0N3929109100W11946094500+132010354N3930501000W1194609180010675000800045OF4005009C7E0103I
       SUSAP KRNOK2PR34LY RW34L002E      +13443+13443LPV       82609          000                                       I

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2SRW34 K2PG               0   18018012025                                                          M   I
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CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RAMRE	RAMRE	010	IAF	IF		FB				
	RAMRE	JUKNU	020		TF		FB	1.0	320.1(336T)	009.8	09600
	RICHY	RICHY	010		IF		FB				
	RICHY	PIDIC	020	IAF	TF		FB	2.0	043.7(060T)	013.5	11500
	RICHY	JUKNU	030		TF		FB	1.0	344.1(000T)	004.2	09600
→	SPOON	SPOON	010	IAF	IF		FB				
	SPOON	JUKNU	020		TF		FB	1.0	344.1(000T)	004.4	09600
	SWR	SWR	010		IF		FB				
	SWR	ORUKE	020		TF		FB	2.0	086.7(103T)	018.8	11800
	SWR	PIDIC	030	IAF	TF		FB	2.0	074.1(090T)	005.0	11500
	SWR	JUKNU	040		TF		FB	1.0	344.1(000T)	004.2	09600
	VIKES	VIKES	010		IF		FB				
	VIKES	NIPME	020	IAF	TF		FB	2.0	176.3(192T)	006.8	11000
	VIKES	JUKNU	030		TF		FB	1.0	254.2(270T)	007.0	09600
		JUKNU	010		IF		FB				09600
		KARME	020		TF		FB	0.5	344.1(000T)	008.3	08300
		RW34L	030	MAP	TF		FO	0.3	344.1(000T)	010.0	04455
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		TAKLE	040		DF		FO	1.0			10000
		TAKLE	050		HM	R	FO	2.0	164.1(180T)	008.0	10000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SWR	N391049.16	W1201610.61	N3910.819	W12016.177
→	JUKNU	N391051.34	W1194612.41	N3910.856	W11946.207
	KARME	N391910.88	W1194611.07	N3919.181	W11946.185
	NIPME	N391050.11	W1193712.28	N3910.835	W11937.205
	ORUKE	N390639.56	W1195238.51	N3906.659	W11952.642
	PIDIC	N390639.11	W1194613.08	N3906.652	W11946.218
	RAMRE	N390152.79	W1194105.38	N3901.880	W11941.090
	RICHY	N385952.14	W1200109.00	N3859.869	W12001.150
	SPOON	N390626.20	W1194613.12	N3906.437	W11946.219
	TAKLE	N394149.18	W1194607.54	N3941.820	W11946.126
	VIKES	N391726.59	W1193521.23	N3917.443	W11935.354
	RW34L	N392910.91	W1194609.45	N3929.182	W11946.158

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

RW34L 04410 45

CITY AND STATE	ELEVATION: 4415 TDZE: 4410	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34L, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SWR VOR/DME	ORUKE (FB)	086.67 / 18.78	11800
ORUKE	PIDIC (FB)	074.05 / 5.00	11500
RICHY	PIDIC (FB)	043.70 / 13.46	11500
VIKES	NIPME (FB)	176.30 / 6.76	11000
PIDIC (IAF)	ROYDO (FB)	345.68 / 4.37	9600
NIPME (IAF)	ROYDO (FB)	255.60 / 6.88	9600
RAMRE (IAF)	ROYDO (FB)	321.10 / 9.92	9600
SEE 8260-10			

MISSED APPROACH

LPV: DA

CLIMB TO 10000 DIRECT FOBAX AND VIA 343.01 TRACK TO TAKLE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 164.12 INBOUND.
CHART 4478 TREE 392840N/1194601W.
DISTANCE TO THLD FROM 635 HAT: 1.54 NM.
WAAS CHANNEL # 40409
REFERENCE PATH ID: W34B
CHART TDZE: 4408
CHART AIRPORT ELEV: 4415

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ROYDO
3. FAC: 344.11 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ROYDO 9600, SUTEE 8300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8300 GS ALT AT: SUTEE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.55 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW34R 12000

MAG VAR: 16E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5043	2	635	5043	2	635	5043	2	635		NA				
CIRCLING	5340	2	925	5340	2	925	5340	2 3/4	925		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 7, 25 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA.
CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

→ @ CAT A, B 1000-2, CAT C 1000-2 3/4

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL 08-19.

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34R, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SPOON (IAF)	ROYDO (FB)	345.61 / 4.58	9600
ROYDO (IF)	SUTEE (FB)	344.11 / 8.37	8300

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34R, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRNO
RUNWAY	RW34R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34B
LTP/FTP LATITUDE	392920.8900N
LTP/FTP LONGITUDE	1194600.4900W
LTP/FTP ELLIPSOIDAL HEIGHT	+13195
FPAP LATITUDE	393050.0700N
FPAP LONGITUDE	1194600.2700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.55
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5B230ED9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+13437
FPAP ORTHOMETRIC HEIGHT	+13437

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAD        SWR   K2011320VDLA N39104916W120161061    N39104916W120161061E016008850      NARSQUAW VALLEY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   FOBAX K20    W     N39360809W119455947                    E0141    NAR          FOBAX
       SUSAEAENRT   NIPME K20    W     N39105011W119371228                    E0141    NAR          NIPME
       SUSAEAENRT   ORUKE K20    W     N39063956W119523851                    E0141    NAR          ORUKE
       SUSAEAENRT   PIDIC K20    W     N39063911W119461308                    E0141    NAR          PIDIC
       SUSAEAENRT   RAMRE K20    W   L N39015279W119410538                    E0141    NAR          RAMRE
       SUSAEAENRT   RICHY K20    C   L N38595214W120010900                    E0141    NAR          RICHY
       SUSAEAENRT   ROYDO K20    W     N39110132W119460320                    E0141    NAR          ROYDO
       SUSAEAENRT   SPOON K20    W     N39062620W119461312                    E0141    NAR          SPOON
       SUSAEAENRT   SUTEE K20    W     N39192372W119460197                    E0141    NAR          SUTEE
       SUSAEAENRT   TAKLE K20    C     N39414918W119460754                    E0141    NAR          TAKLE
       SUSAEAENRT   VIKES K20    C   L N39172659W119352123                    E0141    NAR          VIKES

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2ARNO     0      110YHN39295680W119460520E016004415        1800018000C    MNAR    RENO/TAHOE INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2FR34RY ARAMRE 010RAMREK2EA0E  A    IF                                          18000                A WS
       SUSAP KRNOK2FR34RY ARAMRE 020ROYDOK2EA0EE   010TF                 32110099    + 09600                          A WS
       SUSAP KRNOK2FR34RY ARICHY 010RICHYK2EA0E      IF                                          18000                A WS
       SUSAP KRNOK2FR34RY ARICHY 020PIDICK2EA0E  A 020TF                 04370135    + 11500                          A WS
       SUSAP KRNOK2FR34RY ARICHY 030ROYDOK2EA0EE   010TF                 34570044    + 09600                          A WS
       SUSAP KRNOK2FR34RY ASPOON 010SPOONK2EA0E  A    IF                                          18000                A WS
       SUSAP KRNOK2FR34RY ASPOON 020ROYDOK2EA0EE   010TF                 34560046    + 09600                          A WS
       SUSAP KRNOK2FR34RY ASWR   010SWR  K2D 0V      IF                                          18000                A WS
       SUSAP KRNOK2FR34RY ASWR   020ORUKEK2EA0E    020TF                 08670188    + 11800                          A WS
       SUSAP KRNOK2FR34RY ASWR   030PIDICK2EA0E  A 020TF                 07410050    + 11500                          A WS
       SUSAP KRNOK2FR34RY ASWR   040ROYDOK2EA0EE   010TF                 34570044    + 09600                          A WS
```

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: **RENO/TAHOE INTL**	**RNAV**	**RNAV (GPS) Y RWY 34R, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KRNOK2FR34RY AVIKES 010VIKESK2EA0E       IF                                    18000                A WS
SUSAP KRNOK2FR34RY AVIKES 020NIPMEK2EA0E  A 020TF                 17630068    + 11000                      A WS
SUSAP KRNOK2FR34RY AVIKES 030ROYDOK2EA0EE   010TF                 25560069    + 09600                      A WS
SUSAP KRNOK2FR34RY R      010ROYDOK2EA0E       IF                           + 09600    18000             A WS
SUSAP KRNOK2FR34RY R      020SUTEEK2EA0E    051TF                 34410084    + 08300                      A WS
SUSAP KRNOK2FR34RY R      030RW34RK2PG0GY M 031TF                 34410099      04463          -355        A WS
SUSAP KRNOK2FR34RY R      040FOBAXK2EA0E M  010DF                                                          A WS
SUSAP KRNOK2FR34RY R      050TAKLEK2EA0EY   010TF                 3430        + 10000                      A WS
SUSAP KRNOK2FR34RY R      060TAKLEK2EA0EE HR020HM                 16410080    + 10000                      A WS
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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2GRW34R   0090003441 N39292089W119460049+0100    +1319504408000055150R
```

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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2PR34RY RW34R001Y0000W34B0N3929208900W11946004900+131950355N3930500700W11946002700106750008000550F4005005B230ED9
       SUSAP KRNOK2PR34RY RW34R002E      +13437+13437LPV       40409          000
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KRNOK2SRW34 K2PG               0   18018012025                                                          M
```

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34R, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RAMRE	RAMRE	010	IAF	IF		FB				
	RAMRE	ROYDO	020		TF		FB	1.0	321.1(337T)	009.9	09600
	RICHY	RICHY	010		IF		FB				
	RICHY	PIDIC	020	IAF	TF		FB	2.0	043.7(060T)	013.5	11500
	RICHY	ROYDO	030		TF		FB	1.0	345.7(002T)	004.4	09600
	SPOON	SPOON	010	IAF	IF		FB				
	SPOON	ROYDO	020		TF		FB	1.0	345.6(002T)	004.6	09600
	SWR	SWR	010		IF		FB				
	SWR	ORUKE	020		TF		FB	2.0	086.7(103T)	018.8	11800
	SWR	PIDIC	030	IAF	TF		FB	2.0	074.1(090T)	005.0	11500
	SWR	ROYDO	040		TF		FB	1.0	345.7(002T)	004.4	09600
	VIKES	VIKES	010		IF		FB				
	VIKES	NIPME	020	IAF	TF		FB	2.0	176.3(192T)	006.8	11000
	VIKES	ROYDO	030		TF		FB	1.0	255.6(272T)	006.9	09600
		ROYDO	010		IF		FB				09600
		SUTEE	020		TF		FB	0.5	344.1(000T)	008.4	08300
		RW34R	030	MAP	TF		FO	0.3	344.1(000T)	009.9	04463

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FOBAX	040		DF		FB	1.0			
	TAKLE	050		TF		FO	1.0	343.0(359T)		10000
	TAKLE	060		HM	R	FO	2.0	164.1(180T)	008.0	10000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SWR	N391049.16	W1201610.61	N3910.819	W12016.177
	FOBAX	N393608.09	W1194559.47	N3936.135	W11945.991
	NIPME	N391050.11	W1193712.28	N3910.835	W11937.205
	ORUKE	N390639.56	W1195238.51	N3906.659	W11952.642
	PIDIC	N390639.11	W1194613.08	N3906.652	W11946.218
	RAMRE	N390152.79	W1194105.38	N3901.880	W11941.090
	RICHY	N385952.14	W1200109.00	N3859.869	W12001.150
	ROYDO	N391101.32	W1194603.20	N3911.022	W11946.053
	SPOON	N390626.20	W1194613.12	N3906.437	W11946.219
	SUTEE	N391923.72	W1194601.97	N3919.395	W11946.033
	TAKLE	N394149.18	W1194607.54	N3941.820	W11946.126
	VIKES	N391726.59	W1193521.23	N3917.443	W11935.354
	RW34R	N392920.89	W1194600.49	N3929.348	W11946.008

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34R, ORIG 25 SEP 2008	AMDT: NONE DATED:

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RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW34R	04408	55

CITY AND STATE	ELEVATION: 4415 TDZE: 4408	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (GPS) Y RWY 34R, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CAXIL (40E)	FMG VORTAC (TF) (FB) (RNP 2.00) (40V)	329.10 / 18.17	12000
FMG VORTAC (40V)	JOKSU (TF) (FB) (RNP 2.00)(40E)	026.95 / 22.25	12000
JOKSU (40E)	SAPRE (RF) (FB) (RNP 2.00) (43A)(40E)	(11.75 NM RADIUS CCW RUVSE)/9.25	12000
SAPRE (IAF) (40E) (43A)	LIBGE (RF) (FB) (RNP 1.00) (40E)	(11.75 NM RADIUS CCW RUVSE)/36.47	12000
TRUCK (40E)	WEMRA (TF) (FB) (RNP 2.00) (40E)	333.54 / 28.26	12000
WEMRA (40E)	ZEPNU (RF) (FB) (RNP 2.00) (43A)(40E)	(11.75 NM RADIUS CW TARAE)/7.92	12000
ZEPNU (IAF) (40E) (43A)	LIBGE (RF) (FB) (RNP 1.00) (40E)	(11.75 NM RADIUS CW TARAE)/31.14	12000

MISSED APPROACH

MAP: DA

CLIMB TO 13000 VIA 164.12 TRACK TO ZAKBI AND VIA 179.59 TRACK TO USINE AND VIA 124.37 TRACK TO YARKU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 346.76 INBOUND
CHART FAS OBST: 4497 POLE 393118N / 1194553W
4780 BLDG. 393200N / 1194538W
DISTANCE TO THLD FROM 406 HAT: 1.04 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S

#TCH 4477.9 MSL (DO NOT CHART)

MAG VAR: 16E EPOCH YEAR: 1985

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LIBGE
3. FAC: 164.12 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: LIBGE 12000, OBIVE, 9300, DIDBE 7500
5. DIST TO THLD FROM OM: 7.22 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. → MIN GS INCPT: 6900 GS ALT AT: UDADY 6900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.10 TCH: 63.0# 34:1 IS CLEAR
8. MSA FROM: RW16R 12000

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.17 DA*	4821	4000	406	4821	4000	406	4821	4000	406		NA				
RNP 0.30 DA	5140	2	725	5140	2	725	5140	2	725		NA				

NOTES: CHART NOTES: RF AND GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (7F) OR ABOVE 54C (130F). FOR INOPERATIVE MALSR, INCREASE RNP 0.17 DA ALL CATS VISIBILITY 1/2 MILE AND RNP 0.30 DA ALL CATS VISIBILITY 1/2 MILE. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 260 FEET PER NM TO 7300.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CONTINUED ON PAGE 2

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-19.

CITY AND STATE	ELEVATION: 4415 TDZE: 4415 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	RENO/TAHOE INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 16R, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIBGE (IAF) (40E) (43A)	OBIVE (TF) (FB) (RNP 1.00) (40E)	164.09/7.01	9300
OBIVE (40E)	DIDBE (TF) (FB) (RNP 1.00) (40E) (43I)	164.12/7.09	7500
DIDBE (IF) (40E) (43I)	UDADY (TF) (FB) (RNP 1.00) (40E) (43F)	164.12/4.23	6900
UDADY (FAF) (40E) (43F)	RW16R (TF) (FO) (40G) (41Y) (43M)	164.12/7.22	
RW16R (MAP) (40G) (41Y) (43M)	ZAKBI (TF) (FB) (RNP 1.00) (40E)	164.12/8.61	
ZAKBI (40E)	USINE (TF) (FB) (RNP 1.00) (40E)	179.59/6.69	
USINE (40E)	YARKU (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	124.37/9.36	13000

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FMG VORTAC AIRWAY RADIALS 314 CW 075.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR TRANSITION AT CAXIL.
CHART PLANVIEW NOTE: CAUTION: GLIDER ACTIVITY IN VICINITY OF LIBGE-OBIVE UP TO 12000.

CITY AND STATE	ELEVATION: 4415 TDZE: 4415 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	RENO/TAHOE INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 16R, ORIG	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-19.				

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT:
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE	ELEVATION: 234 TDZE: 234	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 17
PLATTSBURGH, NY	AIRPORT NAME: PLATTSBURGH INTL	I-PBG	ILS OR LOC RWY 17, AMDT 1D, 08/09/2007	AMDT: 1C
				DATED 05/10/2007

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EPH VORTAC	MALEE (FO)	085.31 / 14.52	4000
MWH VOR/DME	MALEE (FO)	037.65 / 11.82	4000
SUBDY (IAF)	MALEE (NOPT) (FB)	252.00 / 11.29	4000
MALEE (IF/IAF)	IPROF (FB)	216.36 / 6.25	2800

This is a corrected copy of a procedure published in TL 08-19, dated 08/08/2008.

(a page was missing from the procedure when it was published.)

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 3500 DIRECT ONPIC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE MALEE, RT, 216.36 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 216.27 FAF: IPROF DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: MALEE 4000, IPROF 2800, EVUCU/2.10 NM TO RW22 1860*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: IPROF OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW22 4200

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 036.01 INBOUND.
CHART FAS OBST: 1259 TREE 471310N/1191749W
CHART FAS OBST: 1329 TREE 471332N/1191549W
CHART 1359 TREE 471353N/1191518W.
1619 AAO 471552N/1191211W.
DISTANCE TO THLD FROM 250 HAT: 0.67 NM.
CHART VDP AT 1.18 MILES TO RW22* *LNAV ONLY.
WAAS CHANNEL # 70410
REFERENCE PATH ID: W22A
CHART: TDZE 1166
CHART: AIRPORT ELEVATION 1189

MAG VAR: 18E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1416	1	250	1416	1	250	1416	1	250	1416	1	250			
LNAV/VNAV DA	1529	1 1/4	363	1529	1 1/4	363	1529	1 1/4	363	1529	1 1/4	363			
LNAV MDA	1580	1	414	1580	1	414	1580	1 1/4	414	1580	1 1/4	414			
CIRCLING	1660	1	471	1660	1	471	1660	1 1/2	471	1740	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING EPHRATA ALTIMETER SETTING
SEE 8260-10

CITY AND STATE	ELEVATION: 1189 TDZE: 1166	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOSES LAKE, WA	AIRPORT NAME: GRANT COUNTY INTL	RNAV	RNAV (GPS) RWY 22, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY A CERTIFIED

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NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPHRATA ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EPH VORTAC VIA V120 WESTBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MOSES LAKE, WA	**ELEVATION: 1189 TDZE: 1166** AIRPORT NAME: **GRANT COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMWH
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	471245.9835N
LTP/FTP LONGITUDE	1191801.0980W
LTP/FTP ELLIPSOIDAL HEIGHT	+03310
FPAP LATITUDE	471148.2300N
FPAP LONGITUDE	1191958.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4FEEC5A6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+03516
FPAP ORTHOMETRIC HEIGHT	+03516

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EPH   K1011260VTHW N47224051W119252641    N47224051W119252641E021001250      NAREPHRATA
        SUSAD        MWH   K1011500VDHW N47123911W119190054    N47123911W119190054E018001193      NARMOSES LAKE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EVUCU K10    W     N47135962W119153114                    E0162     NAR           EVUCU
        SUSAEAENRT   IPROF K10    W     N47153932W119120775                    E0162     NAR           IPROF
        SUSAEAENRT   MALEE K10    W     N47191810W119043997                    E0162     NAR           MALEE
        SUSAEAENRT   ONPIC K10    W     N47051427W119331584                    E0162     NAR           ONPIC
        SUSAEAENRT   SUBDY K10    W   L N47191935W118480451                    E0159     NAR           SUBDY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMWHK1AMWH     0     135YHN47123090W119190890E018001189         1800018000C    MNAR    GRANT COUNTY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMWHK1FR22   AEPH   010EPH  K1D 0V       IF                                                18000                A JS
        SUSAP KMWHK1FR22   AEPH   020MALEEK1EA0EY A 020TF                    08530145    + 04000                              A JS
        SUSAP KMWHK1FR22   AEPH   030MALEEK1EA0EB CR   HF                    21640040    + 04000                              A JS
        SUSAP KMWHK1FR22   AMWH   010MWH  K1D 0V       IF                                                18000                A JS
        SUSAP KMWHK1FR22   AMWH   020MALEEK1EA0EY A 020TF                    03770118    + 04000                              A JS
        SUSAP KMWHK1FR22   AMWH   030MALEEK1EA0EB CR   HF                    21640040    + 04000                              A JS
        SUSAP KMWHK1FR22   ASUBDY 010SUBDYK1EA0E  A    IF                                                18000                A JS
        SUSAP KMWHK1FR22   ASUBDY 020MALEEK1EA0EE   010TF                    25200113    + 04000                              A JS
        SUSAP KMWHK1FR22   R      010MALEEK1EA0E  I    IF                                + 04000      18000                   A JS
        SUSAP KMWHK1FR22   R      020IPROFK1EA1E  F 051TF                    21640063    + 02800                 RW22  K1PGA JS
        SUSAP KMWHK1FR22   R      020IPROFK1EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KMWHK1FR22   R      021EVUCUK1EA0E S  031TF                    21630050    V 0186001877          -300          A JS
        SUSAP KMWHK1FR22   R      030RW22 K1PG0GY M 031TF                    21630021      01203               -300          A JS
        SUSAP KMWHK1FR22   R      040ONPICK1EA0EYM  010DF                                + 03500                             A JS
        SUSAP KMWHK1FR22   R      050ONPICK1EA0EE HR020HM                    03600040    + 03500                              A JS
```

CITY AND STATE	ELEVATION: 1189 TDZE: 1166	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSES LAKE, WA	AIRPORT NAME: GRANT COUNTY INTL	RNAV	RNAV (GPS) RWY 22, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMWHK1GRW22    0100002162 N47124598W119180110+0400    +0331001153000050100R
```

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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMWHK1PR22   RW22 001 0000W22A0N4712459835W11918010980+033100300N4711482300W11919585300106750000000500F4005004FEEC5A6
       SUSAP KMWHK1PR22   RW22 002E      +03516+03516LPV       70410          000
```

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          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMWHK1SRW22 K1PG              0   18018004225                                                              M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MOSES LAKE, WA	**ELEVATION: 1189 TDZE: 1166** AIRPORT NAME: **GRANT COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

QUALITY 4

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EPH	EPH	010		IF		FB				
	EPH	MALEE	020	IAF	TF		FO	2.0	085.3(103T)	014.5	04000
	EPH	MALEE	030		HF	R	FO		216.4(234T)	004.0	04000
	MWH	MWH	010		IF		FB				
	MWH	MALEE	020	IAF	TF		FO	2.0	037.7(056T)	011.8	04000
	MWH	MALEE	030		HF	R	FO		216.4(234T)	004.0	04000
	SUBDY	SUBDY	010	IAF	IF		FB				
	SUBDY	MALEE	020		TF		FB	1.0	252.0(270T)	011.3	04000
		MALEE	010	FACF	IF		FB				04000
		IPROF	020	FAF	TF		FB	0.5	216.4(234T)	006.3	02800
		EVUCU	021	SDF	TF		FB	0.3	216.3(234T)	005.0	01860
		RW22	030	MAP	TF		FO	0.3	216.3(234T)	002.1	01203

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ONPIC	040		DF		FO	1.0			03500
	ONPIC	050		HM	R	FO	2.0	036.0(054T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPH	N472240.51	W1192526.41	N4722.675	W11925.440
	MWH	N471239.11	W1191900.54	N4712.652	W11919.009
	EVUCU	N471359.62	W1191531.14	N4713.994	W11915.519
	IPROF	N471539.32	W1191207.75	N4715.655	W11912.129
	MALEE	N471918.10	W1190439.97	N4719.302	W11904.666
	ONPIC	N470514.27	W1193315.84	N4705.238	W11933.264
	SUBDY	N471919.35	W1184804.51	N4719.323	W11848.075
	RW22	N471245.98	W1191801.10	N4712.766	W11918.018

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	01153	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSES LAKE, WA	**ELEVATION: 1189 TDZE: 1166** AIRPORT NAME: **GRANT COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30624; Amdt. No 3284]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This Rule establishes, amends, suspends, or revokes STANDARD Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the

Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matters incorporated by reference in the amendment is as follows:

For Examination-

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located;

3. The National Flight Procedures Office, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability- All SIAPs and Takeoff Minimums and ODPs are Available online free of charge. Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2. The FAA Regional Office of the region in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation

Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by Establishing, amending, suspending, or revoking SIAPS, Takeoff Minimums and/or ODPS. The complete regulators description of Each SIAP and its associated Takeoff Minimums or ODP for an Identified airport is listed on FAA form documents which are Incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part 97.20. The applicable FAA Forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The 1arge number of SIAPs, Takeoff Minimums and ODPs, in addition to their complex nature and the need for a special format make publication in the Federal Register expensive and impractical. Furthermore, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead refer to their depiction on charts printed by publishers of aeronautical materials. This, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP, Takeoff Minimums and ODP listed on FAA forms is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs and the effective dates of the, Associated Takeoff Minimums and ODPs. This amendment a1so identifies the airport and its location, the procedure, and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as contained in the transmittal. Some SIAP and Takeoff Minimums and textual ODP amendments may have been issued previously by the FAA in a Flight Data Center (FDC) Notice to Airmen (NOTAM) as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPS and Takeoff Minimums and ODPS, an effective date at least 30 days after publication is provided.

Further, the SIAPs and Takeoff Minimums and ODPS contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPS and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedures before adopting these SIAPS, Takeoff Minimums and ODPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs effective in less than 30 days.

CONCLUSION

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore-(1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

Air Traffic Control, Airports, Incorporation by reference, and Navigation (Air).

Issued in Washington, DC on August 22, 2008

James J. Ballough

James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Under Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and/or Takeoff Minimums and/or Obstacle Departure Procedures effective at 0902 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

Effective 25 SEP 2008

Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 24L, Amdt 25
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 24R; ILS RWY 24R (CAT II); ILS RWY 24R (CAT II), Amdt 24
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 25L; ILS RWY 25L (CAT II); ILS RWY 25L (CAT III), Amdt 11
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 25R, Amdt 16
Los Angeles, CA, Los Angeles Intl, RNAV (GPS) Y RWY 24L, Amdt 1
Los Angeles, CA, Los Angeles Intl, RNAV (GPS) Y RWY 24R, Amdt 1
Los Angeles, CA, Los Angeles Intl, RNAV (GPS) Y RWY 25L, Amdt 2
Los Angeles, CA, Los Angeles Intl, RNAV (GPS) Y RWY 25R, Amdt 1
Los Angeles, CA, Los Angeles Intl, RNAV (GPS) Z RWY 25L, Orig
Los Angeles, CA, Los Angeles Intl, RNAV (RNP) Z RWY 25R, Orig
Madera, CA, Madera Muni, GPS RWY 30, Amdt 1, CANCELLED
Madera, CA, Madera Muni, RNAV (GPS) RWY 12, Orig
Madera, CA, Madera Muni, RNAV (GPS) RWY 30, Orig
Modesto, CA, Modesto City-CO-Harry Sham Fld, GPS RWY 28R, Orig-B, CANCELLED
Modesto, CA, Modesto City-CO-Harry Sham Fld, RNAV (GPS) RWY 28R, Orig
Modesto, CA, Modesto City-CO-Harry Sham Fld, Takeoff Minimums and Obstacle DP, Amdt 5
Red Bluff, CA, Red Bluff Muni, GPS RWY 15, Orig, CANCELLED
Red Bluff, CA, Red Bluff Muni, GPS RWY 33, Orig, CANCELLED
Red Bluff, CA, Red Bluff Muni, RNAV (GPS) RWY 15, Orig
Red Bluff, CA, Red Bluff Muni, RNAV (GPS) RWY 33, Orig
Red Bluff, CA, Red Bluff Muni, VOR RWY 33, Amdt 8
Red Bluff, CA, Red Bluff Muni, VOR/DME RWY 15, Amdt 7
De Kalb, IL, De Kalb Taylor Muni, ILS OR LOC RWY 2, Orig
De Kalb, IL, De Kalb Taylor Muni, LOC/DME RWY 2, Amdt 1, CANCELLED
De Kalb, IL, De Kalb Taylor Muni, RNAV (GPS) RWY 2, Orig
De Kalb, IL, De Kalb Taylor Muni, RNAV (GPS) RWY 9, Amdt 1
De Kalb, IL, De Kalb Taylor Muni, RNAV (GPS) RWY 20, Orig
De Kalb, IL, De Kalb Taylor Muni, RNAV (GPS) RWY 27, Amdt 1
De Kalb, IL, De Kalb Taylor Muni, VOR/DME OR GPS RWY 27, Amdt 5C, CANCELLED
Indianapolis, IN, Indianapolis Executive, ILS OR LOC RWY 36, Amdt 5
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 14, Orig-A
Colby, KS, Shalz Field, RNAV (GPS) RWY 17, Amdt 1
Colby, KS, Shalz Field, RNAV (GPS) RWY 35, Amdt 1
Colby, KS, Shalz Field, Takeoff Minimums and Obstacle DP, Orig
Georgetown, KY, Georgetown Scott Co-Marshall Fld, RNAV (GPS) RWY 3, Amdt 1
Georgetown, KY, Georgetown Scott Co-Marshall Fld, RNAV (GPS) RWY 21, Amdt 1
Bastrop, LA, Morehouse Memorial, RNAV (GPS) RWY 16, Amdt 1

Bastrop, LA, Morehouse Memorial, RNAV (GPS) RWY 34, Orig
Galliano, LA, South Lafourche Leonard Miller Jr, RNAV (GPS) RWY 18, Amdt 1
Galliano, LA, South Lafourche Leonard Miller Jr, RNAV (GPS) RWY 36, Orig
Galliano, LA, South Lafourche Leonard Miller Jr, Takeoff Minimums and Obstacle DP, Orig
Boston, MA, Gen Edward Lawrence Logan Intl, ILS OR LOC RWY 33L, Amdt 3
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, ILS OR LOC RWY 10, ILS RWY 10 (CAT II), ILS RWY 10 (CAT III), Amdt 19
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, ILS OR LOC RWY 15L, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, ILS OR LOC RWY 28, Amdt 16
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, ILS OR LOC RWY 33L, Amdt 10
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, ILS OR LOC RWY 33R, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) RWY 15L, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) RWY 22, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) RWY 33R, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Y RWY 10, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Y RWY 15R, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Y RWY 28, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Y RWY 33L, Amdt 1
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Z RWY 15R, Orig-A, CANCELLED
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (GPS) Z RWY 28, Orig-A, CANCELLED
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (RNP) Z RWY 10, Orig
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (RNP) Z RWY 15R, Orig
Baltimore, MD, Baltimore-Washington Intl Thurgood Marshall, RNAV (RNP) Z RWY 28, Orig
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 3R, ILS RWY 3R (CAT II), ILS RWY 3R (CAT III), Amdt 15
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 4R, ILS RWY 4R (CAT II), ILS RWY 4R (CAT III), Amdt 16
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 21L, Amdt 10
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 22L, Amdt 29

Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC Z RWY 4L, ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III), Amdt 3
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC Z RWY 22R, Amdt 2
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 3R, Amdt 1
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 4L, Amdt 2
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 4R, Amdt 1
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 21L, Amdt 2
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 22L, Amdt 1
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) RWY 22R, Amdt 1
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) Y RWY 3R, Orig, CANCELLED
Detroit, MI, Detroit Metropolitan Wayne County, RNAV (GPS) Y RWY 4R, Orig, CANCELLED
Motley, MN, Morey's, NDB OR GPS RWY 9, Amdt 1A, CANCELLED
Caruthersville, MO, Caruthersville Memorial, RNAV (GPS) RWY 18, Amdt 1
Caruthersville, MO, Caruthersville Memorial, RNAV (GPS) RWY 36, Amdt 1
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 1L, Amdt 13
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 1R, ILS RWY 1R (CAT II), ILS RWY 1R (CAT III), Amdt 3
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 9, Amdt 13
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 19L, Amdt 1
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 19R, ILS RWY 19R (CAT II), ILS RWY 19R (CAT III), Amdt 10
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 27, Amdt 2
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 1L, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 1R, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 9, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 19L, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 19R, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Y RWY 27, Amdt 1
Kansas City, MO, Kansas City Intl, RNAV (GPS) Z RWY 9, Orig, CANCELLED
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 1L, Orig
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 1R, Orig
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 9, Orig
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 19L, Orig
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 19R, Orig
Kansas City, MO, Kansas City Intl, RNAV (RNP) Z RWY 27, Orig
Mosby, MO, Midwest National Air Center, RNAV (GPS) RWY 36, Amdt 2
Clarksdale, MS, Fletcher Field, Takeoff Minimums and Obstacle DP, Orig
Picayune, MS, Picayune Muni, Takeoff Minimums and Obstacle DP, Orig
Albion, NE, Albion Muni, NDB RWY 33, Amdt 2
Albion, NE, Albion Muni, RNAV (GPS) RWY 15, Amdt 1
Albion, NE, Albion Muni, RNAV (GPS) RWY 33, Amdt 1
Albion, NE, Albion Muni, Takeoff Minimums and Obstacle DP, Amdt 1

Aurora, NE, Aurora Muni-Al Potter Filed, GPS RWY 34, Orig, CANCELLED
Aurora, NE, Aurora Muni-Al Potter Filed, RNAV (GPS) RWY 16, Amdt 1
Aurora, NE, Aurora Muni-Al Potter Filed, RNAV (GPS) RWY 34, Orig
Aurora, NE, Aurora Muni-Al Potter Filed, Takeoff Minimums and Obstacle DP, Orig
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 4, Amdt 1
Gordon, NE, Gordon Muni, RNAV (GPS) RWY 22, Amdt 1
Omaha, NE, Eppley Airfield, ILS OR LOC/DME RWY 18, Amdt 8
Omaha, NE, Eppley Airfield, RNAV (GPS) RWY 18, Amdt 2
Millbrook, NY, Sky Acres, RNAV (GPS) RWY 17, Amdt 1
New York, NY, John F. Kennedy Intl, RNAV (GPS) X RWY 31L, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (GPS) Y RWY 4L, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (GPS) Y RWY 4R, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (GPS) Y RWY 22L, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (GPS) Y RWY 31L, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (GPS) Y RWY 31R, Amdt 1A
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 4L, Orig
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 4R, Orig
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 22L, Orig
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 31L, Orig
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 31R, Orig
Oneonta, NY, Oneonta Muni, LOC RWY 24, Amdt 2
Oneonta, NY, Oneonta Muni, RNAV (GPS) RWY 6, Orig
Oneonta, NY, Oneonta Muni, RNAV (GPS) RWY 24, Orig
Oneonta, NY, Oneonta Muni, VOR RWY 6, Amdt 4B
Elk City, OK, Elk City Rgnl Business, NDB RWY 17, Amdt 5, CANCELLED
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 17, Amdt 1
Elk City, OK, Elk City Rgnl Business, RNAV (GPS) RWY 35, Amdt 1
McMinnville, OR, McMinnville Muni, ILS OR LOC RWY 22, Amdt 4
McMinnville, OR, McMinnville Muni, NDB OR GPS RWY 22, Amdt 2, CANCELLED
McMinnville, OR, McMinnville Muni, RNAV (GPS) RWY 4, Orig
McMinnville, OR, McMinnville Muni, RNAV (GPS) RWY 22, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, CONVERGING ILS RWY 28R, Amdt 3A, CANCELLED
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, CONVERGING ILS RWY 32, Amdt 4A, CANCELLED
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, ILS OR LOC RWY 32, Amdt 12
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 10C, Amdt 4
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 10R, Amdt 3A
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 28C, Amdt 4
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 28L, Amdt 4A
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 28R, Amdt 4A

Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (GPS) Y RWY 32, Amdt 4
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 10C, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 10R, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 28C, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 28L, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 28R, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, RNAV (RNP) Z RWY 32, Orig
Pittsburgh, PA, Pittsburgh Intl, Pittsburgh International, VOR/DME RWY 14, Amdt 2A, CANCELLED
Lafayette, TN, Lafayette Muni, GPS RWY 19, Orig, CANCELLED
Springfield, TN, Springfield Robertson County, LOC RWY 4, Amdt 2
Brady, TX, Curtis Field, RNAV (GPS) RWY 17, Amdt 1
Brady, TX, Curtis Field, RNAV (GPS) RWY 35, Amdt 1
Eagle Pass, TX, Maverick County Memorial Intl, RNAV (GPS) RWY 31, Orig
Eagle Pass, TX, Maverick County Memorial Intl, Takeoff Minimums and Obstacle DP, Orig
Fort Worth, TX, Bourland Field, GPS RWY 17, Orig-A, CANCELLED
Fort Worth, TX, Bourland Field, GPS RWY 35, Orig-A, CANCELLED
Fort Worth, TX, Bourland Field, RNAV (GPS) RWY 17, Orig
Fort Worth, TX, Bourland Field, RNAV (GPS) RWY 35, Orig
Greenville, TX, Majors, ILS OR LOC RWY 17, Amdt 7
Greenville, TX, Majors, LOC BC RWY 35, Amdt 1B
Greenville, TX, Majors, RNAV (GPS) RWY 17, Amdt 1
Greenville, TX, Majors, RNAV (GPS) RWY 35, Amdt 1
Greenville, TX, Majors, Takeoff Minimums and Obstacle DP, Amdt 1
Laredo, TX, Laredo Intl, RNAV (GPS) RWY 35L, Amdt 1
Mesquite, TX, Mesquite Metro, LOC BC RWY 35, Amdt 3
Mesquite, TX, Mesquite Metro, RNAV (GPS) RWY 17, Amdt 1
Mesquite, TX, Mesquite Metro, RNAV (GPS) RWY 35, Amdt 1
Plains, TX, Yoakum County, Takeoff Minimums and Obstacle DP, Orig
San Antonio, TX, San Antonio Intl, ILS OR LOC RWY 12R, ILS RWY 12R (CAT II), Amdt 14
San Antonio, TX, San Antonio Intl, ILS OR LOC RWY 30L, Amdt 10
San Antonio, TX, San Antonio Intl, RNAV (GPS) RWY 12R, Amdt 1
San Antonio, TX, San Antonio Intl, RNAV (GPS) RWY 30L, Amdt 1
Burlington/Mount Vernon, WA, Skagit Rgnl, GPS RWY 28, Orig-A, CANCELLED
Burlington/Mount Vernon, WA, Skagit Rgnl, RNAV (GPS) RWY 28, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 3, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 13, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 18, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 21, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 31, Orig
La Crosse, WI, La Crosse Muni, RNAV (GPS) RWY 36, Orig
La Crosse, WI, La Crosse Muni, Takeoff Minimums and Obstacle DP, Amdt 5

On August 7, 2008 (73 FR 45860) the FAA published an Amendment in Docket No. 30620, Amdt No. 3280 to Part 97 of the Federal Aviation Regulations under section 97.25 effective September 25, 2008 is rescinded in its entirety:

Galbraith Lake, AK, Galbraith Lake, Takeoff Minimums and Obstacle DP, Orig

On July 22, 2008 (73 FR 42520) the FAA published an Amendment in Docket No. 30618, Amdt No. 3278 to Part 97 of the Federal Aviation Regulations under section 97.33 effective September 25, 2008 is rescinded in its entirety:

Huntsville, AL, Huntsville Intl-Carl T Jones Fld, RNAV (GPS) Y RWY 18L, Orig, CANCELLED
Huntsville, AL, Huntsville Intl-Carl T Jones Fld, RNAV (GPS) Y RWY 36L, Orig, CANCELLED
Huntsville, AL, Huntsville Intl-Carl T Jones Fld, RNAV (GPS) Y RWY 36R, Orig, CANCELLED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PURMS INT (IAF)	JULLI/16.18 DME/RADAR	150.00 / 9.00 (SLI R-330) (LAX LR-057)	4000**
SLI VORTAC (IAF)	JULLI/16.18 DME/RADAR	330.00 / 12.13	4000**
SMO VOR/DME (IAF)	SAPPI INT/SMO 16.00 DME	068.00 / 16.00	5000
SAPPI INT/SMO 16.00 DME	JULLI/16.18 DME/RADAR	150.00 / 3.94 (SLI R-330) (LAX LR-057)	4000**
SEAVU/POM 16.19 DME/RADAR (IAF)	SHURL/I-HQB 40.24 DME/RADAR	278.17 / 8.15 (POM R-098)	10000
RIIVR/LAX VORTAC 49.00 DME/RADAR (IAF)	SHURL/I-HQB 40.24 DME/RADAR	260.00 / 4.84 (HDG) & 249.00 / 4.28 (I-HQB)	10000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 6.27 MILES AFTER SUTIE/8.17 DME/RADAR OR AT I-HQB 1.91 DME FIX

CLIMB TO 2000 VIA HEADING 249.00 AND LAX VORTAC R-260 TO RAFFS INT/LAX 15.12 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 VIA HEADING 250 AND SMO VOR/DME R-233 TO EXERT INT/SMO 20.99 DME AND HOLD NE, RT, 232.90 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING
CHART FAS OBST: 306 OL WSK ON BLDG 335650N/1182258W
CHART LOC RWY 25L.
CHART LOC RWY 25R.
CHART VDP AT 2.88 DME;
DISTANCE VDP TO THLD 0.97 MILES.
CHART IN PLANVIEW: EXERT INT/SMO 20.99 DME.
CHART (JINAN) AT INTERSECTION OF DR LEG AND INITIAL SEGMENT

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PFILA
3. FAC: 249.00 FAF: SUTIE/8.17 DME/RADAR DIST FAF TO MAP: 6.27 THLD: 6.27
4. MIN. ALT: PFILA 10000, SALWA 9000, WLNUT 8000, HURLR 7000, JULLI 4000**, SUTIE 2200, CORTY/3.40 DME/RADAR 580*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1026
6. MIN GS INCPT: 2200 GS ALT AT: SUTIE/8.17 DME/RADAR 2200 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 59.0
8. MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 24L	321	2400	200	321	2400	200	321	2400	200	321	2400	200			
S-LOC 24L	500	2400	379	500	2400	379	500	2400	379	500	4000	379			
SIDESTEP 24R	580	5000	460	580	5000	460	580	5000	460	580	1 1/2	460			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 24R CATS A/B.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 25L/R.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 24L 121 TDZE: 24R 120 LOS ANGELES INTL	I-HQB	ILS OR LOC RWY 24L, AMDT 25 25 SEP 2008	SUP: AMDT: 24B DATED 04/10/2008

FAA FORM 8260 - 3 / December 2002 (computer generated)

QUALITY CHECKED 5

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHURL/I-HQB 40.24 DME/RADAR	PFILA/37.30 DME/RADAR	249.00 / 2.94 (I-HQB)	10000
PFILA/37.30 DME/RADAR	SALWA/33.70 DME/RADAR	249.00 / 3.60 (I-HQB)	9000
SALWA/33.70 DME/RADAR	WLNUT/30.10 DME/RADAR	249.00 / 3.60 (I-HQB)	8000
WLNUT/30.10 DME/RADAR	HURLR/26.50 DME/RADAR	249.00 / 3.60 (I-HQB)	7000
HURLR/26.50 DME/RADAR	JULLI/16.18 DME/RADAR	249.00 / 10.32 (I-HQB)	4000**
JULLI/16.18 DME/RADAR (IF)	SUTIE/8.17 DME/RADAR	249.00 / 8.01 (I-HQB)	2200

NOTES CONT.
*LOC ONLY
CHART PLAINVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT SMO VOR/DME VIA V-107 WESTBOUND. PROCEDURE NA FOR ARRIVAL ON SLI VORTAC AIRWAY RADIALS 272 CW 319. PROCEDURE NA FOR ARRIVALS AT PURMS VIA V-186 NORTHWEST BOUND.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: ** WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	ELEVATION: 126 TDZE: 24L 121 TDZE: 24R 120 AIRPORT NAME: LOS ANGELES INTL	I-HQB	ILS OR LOC RWY 24L, AMDT 25 25 SEP 2008	AMDT: 24B DATED: 04/10/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PURMS INT (IAF)	MERCE/16.22 DME/RADAR	150.00 / 8.88 (SLI R-330) (LAX LR-057)	4000**
SLI VORTAC (IAF)	MERCE/16.22 DME/RADAR	330.00 / 12.25	4000**
SMO VOR/DME (IAF)	SAPPI INT/SMO 16.00 DME	068.00 / 16.00	5000
SAPPI INT/SMO 16.00 DME	MERCE/16.22 DME/RADAR	150.00 / 3.82 (SLI R-330) (LAX LR-057)	4000**
SEAVU/POM 16.19 DME/RADAR (IAF)	MINZA/I-OSS 40.12 DME	278.00 / 8.36 (POM R-098)	10000
RIIVR/LAX 49.00 DME/RADAR (IAF)	MINZA/I-OSS 40.12 DME	260.00 / 5.47 (HDG) & 249.00 / 3.83 (I-OSS)	10000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 6.25 MILES AFTER JETSA/8.21 DME/RADAR OR AT I-OSS 1.96 DME FIX

CLIMB TO 2000 VIA HEADING 249.00 AND LAX R-260 TO RAFFS INT/LAX 15.12 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 VIA HEADING 250 AND SMO VOR/DME R-233 TO EXERT INT/SMO 20.99 DME AND HOLD NE, RT, 232.90 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING CHART 315 SPIRE 335700N/1181903W.
CHART FAS OBST 201 SIGN ON BLDG 335719N/1182347W
CHART LOC RWY 25L.
CHART LOC RWY 25R.
CHART VDP AT 2.81 DME;
DISTANCE VDP TO THLD 0.85 MILES.
CHART IN PLANVIEW: EXERT INT/SMO 20.99 DME.
CHART (JAXEV) AT INTERSECTION OF DR LEG AND INITIAL COURSE
DO NOT CHART ARBIE DME FIX ON CAT II AND CAT III APPROACH.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SKOLL
3. FAC: 249.00 FAF: JETSA/8.21 DME/RADAR DIST FAF TO MAP: 6.25 THLD: 6.25
4. MIN. ALT: SKOLL 10000, DECOR 9000, BREEA 8000, PALAC 7000, MERCE 4000**, JETSA 2200, ARBIE/3.40 DME/RADAR 540*
5. DIST TO THLD FROM OM: - MM: - IM: 934 150 HAT: - 100 HAT: 843 GS ANT: 1026
6. MIN GS INCPT: 2200 GS ALT AT: JETSA/8.21 DME/RADAR 2200 OM: - MM: - IM: 225
7. GS ANGLE: 3.00 TCH: 58.6
8. MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A | | ILS: STANDARD LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 24R	320	1800	200	320	1800	200	320	1800	200	320	1800	200			
S-LOC 24R	460	2400	340	460	2400	340	460	2400	340	460	4000	340			
SIDESTEP 24L	580	5000	459	580	5000	459	580	5000	459	580	1 1/2	459			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 24R: DA 220 MSL, 115 RA, RVR 1200, HAT 100; CAT A,B,C,D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 24R: CAT IIIA RVR 700; CAT A,B,C,D. CAT IIIB RVR 600; CAT A,B,C,D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 24R 120 TDZE: 24L 121 LOS ANGELES INTL	I-OSS	ILS OR LOC RWY 24R, AMDT 24 ILS RWY 24R (CAT II), ILS RWY 24R (CAT III) 25 SEP 2008	SUP: AMDT: 23B DATED 4/10/08

FAA FORM 8260 - 3 / December 2002 (computer generated)

QUALITY CHECKED 1

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MINZA/I-OSS 40.12 DME	SKOLL/37.30 DME/RADAR	249.00 / 2.82 (I-OSS)	10000
SKOLL/37.30 DME/RADAR	DECOR/33.70 DME/RADAR	249.00 / 3.60 (I-OSS)	9000
DECOR/33.70 DME/RADAR	BREEA/30.10 DME/RADAR	249.00 / 3.60 (I-OSS)	8000
BREEA/30.10 DME/RADAR	PALAC/26.50 DME/RADAR	249.00 / 3.60 (I-OSS)	7000
PALAC/26.50 DME/RADAR	MERCE/16.22 DME/RADAR	249.00 / 10.28 (I-OSS)	4000**
MERCE/16.22 DME/RADAR (IF)	JETSA/8.21 DME/RADAR	249.00 / 8.01 (I-OSS)	2200

NOTES CONT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 24L CATS A/B.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC RWY 24R CAT D VISIBILITY TO RVR 5000.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
*LOC ONLY
CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT SMO VOR/DME VIA V-107 WESTBOUND. PROCEDURE NA FOR ARRIVAL ON SLI VORTAC AIRWAY RADIALS 272 CW 319. PROCEDURE NA FOR ARRIVALS AT PURMS VIA V186 NORTHWEST BOUND.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATION.
CHART PROFILE NOTE: ** WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 25L/R.

CITY AND STATE	ELEVATION: 126 TDZE: 24R 120 TDZE: 24L 121	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	I-OSS	ILS OR LOC RWY 24R, AMDT 24 ILS RWY 24R (CAT II), ILS RWY 24R (CAT III) 25 SEP 2008	AMDT: 23B DATED: 4/10/08

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SEAVU/POM 16.19 DME/RADAR (IAF)	LUVYN/I-LAX 41.01 DME/RADAR	278.00 / 6.37 (POM R-098)	10000
RIIVR/48.50 DME/RADAR (IAF)	LUVYN/I-LAX 41.01 DME/RADAR	249.01 / 7.50 (I-LAX)	10000
LUVYN/I-LAX 41.01 DME/RADAR	KRAIN/36.70 DME/RADAR	249.01 / 4.31 (I-LAX)	10000
KRAIN/36.70 DME/RADAR	TAROC/33.20 DME/RADAR	249.01 / 3.50 (I-LAX)	9000
TAROC/33.20 DME/RADAR	DYMMO/29.70 DME/RADAR	249.01 / 3.50 (I-LAX)	8000
DYMMO/29.70 DME/RADAR	FUELR/26.40 DME/RADAR	249.01 / 3.30 (I-LAX)	7000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 5.40 MILES AFTER LIMMA/7.38 DME/RADAR OR AT I-LAX 1.98 DME FIX

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 190 AND LAX VORTAC R-210 TO CATLY INT/LAX 12.79 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 220 AND SMO VOR/DME R-195 TO CATLY INT/SMO 15.73 DME AND HOLD N, RT, 194.74 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 210.00 INBOUND.
CHART FAS OBST: 184 TRMSN POLE 335630N/1182157W
CHART LOC RWY 24R.
CHART LOC RWY 24L.
CHART IN PLANVIEW: SMO VOR/DME
DO NOT CHART: ALTERNATE MA HOLDING AT CATLY
DO NOT CHART LADLE DME FIX ON CAT II AND CAT III APPROACHES

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LUVYN
3. FAC: 249.01 FAF: LIMMA/7.38 DME/RADAR DIST FAF TO MAP: 5.40 THLD: 5.40
4. MIN. ALT: LUVYN 10000, KRAIN 10000, TAROC 9000, DYMMO 8000, FUELR 7000, GAATE 5000##, HUNDA 3700##, LIMMA 1900,
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: 939 GS ANT: 1001
6. MIN GS INCPT: 1900 GS ALT AT: LIMMA/7.38 DME/RADAR 1900 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.4
8. MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25L	304	1800	200	304	1800	200	304	1800	200	304	1800	200			
S-LOC 25L	540	2400	436	540	2400	436	540	4000	436	540	5000	436			
SIDESTEP 25R	620	5000	518	620	5000	518	620	5000	518	620	1 1/2	518			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 25L: DA 204 MSL, 114 RA, RVR 1200, HAT 100; CAT A,B,C,D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 25L: CAT IIIA RVR 700; CAT A,B,C,D. CAT IIIB RVR 600; CAT A,B,C,D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 25L 104 TDZE: 25R 102 LOS ANGELES INTL	I-LAX	ILS OR LOC RWY 25L, AMDT 11 ILS RWY 25L (CAT II), ILS RWY 25L (CAT III) 25 SEP 2008	SUP: AMDT: 10A DATED 06/07/2007

FAA FORM 8260 - 3 / December 2002 (computer generated)

A
CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 4 CONT.
LADLE/3.50 DME/RADAR 620*

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FUELR/26.40 DME/RADAR	GAATE/16.59 DME/RADAR	249.01 / 9.81 (I-LAX)	5000##
SLI VORTAC (IAF)	GAATE/16.59 DME/RADAR	335.41 / 11.14	5000##
GAATE/16.59 DME/RADAR (IF)	HUNDA/12.78 DME/RADAR	249.01 / 3.81 (I-LAX)	3700##
HUNDA/12.78 DME/RADAR	LIMMA/7.38 DME/RADAR	249.01 / 5.41 (I-LAX)	1900

NOTES CONT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 25R CATS A AND B.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24L/R.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SLI VORTAC VIA V459-597 SOUTHBOUND.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
*LOC ONLY
CHART PROFILE NOTE: ## WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3700 OR 5000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	ELEVATION: 126 TDZE: 25L 104 TDZE: 25R 102 AIRPORT NAME: LOS ANGELES INTL	I-LAX	ILS OR LOC RWY 25L, AMDT 11 ILS RWY 25L (CAT II), ILS RWY 25L (CAT III) 25 SEP 2008	AMDT: 10A DATED: 06/07/2007

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SEAVU/POM 16.19 DME/RADAR (IAF)	BCOVE/I-CFN 40.78 DME/RADAR	278.00 / 6.64 (POM R-098)	10000
RIIVR/LAX 49.00 DME/RADAR (IAF)	BCOVE/I-CFN 40.78 DME/RADAR	260.00 / .73 (HDG) & 249.01 / 7.00 (I-CFN)	10000
BCOVE/I-CFN 40.78 DME/RADAR	LYCOM/36.73 DME/RADAR	249.01 / 4.04 (I-CFN)	10000
LYCOM/36.73 DME/RADAR	TAANK/33.23 DME/RADAR	249.01 / 3.50 (I-CFN)	9000
TAANK/33.23 DME/RADAR	JURPE/29.73 DME/RADAR	249.01 / 3.50 (I-CFN)	8000
JURPE/29.73 DME/RADAR	MUSIK/26.38 DME/RADAR	249.01 / 3.35 (I-CFN)	7000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 5.41 MILES AFTER FOGLA/7.39 DME/RADAR OR AT I-CFN 1.98 DME FIX

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 220.00 AND LAX VORTAC R-210 TO CATLY INT/LAX 12.79 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 230 AND SMO VOR/DME R-205 TO DOYLE INT/SMO 21.10 DME AND HOLD NE, RT, 205.47 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 210.00 INBOUND.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING
CHART FAS OBST: 280 BELL TWR 335657N/1181934W
CHART 360 TRMSN TWR 335649N/1181843W.
CHART LOC RWY 24L.
CHART LOC RWY 24R.
CHART VDP AT 3.25 DME;
DISTANCE VDP TO THLD 1.26 MILES.
CHART IN PLANVIEW: DOYLE INT/SMO 21.10 DME.
CHART (JEGIP) AT INTERSECTION OF DR LEG AND INITIAL COURSE

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BCOVE
3. FAC: 249.01 FAF: FOGLA/7.39 DME/RADAR DIST FAF TO MAP: 5.41 THLD: 5.41
4. MIN. ALT: BCOVE 10000, LYCOM 10000, TAANK 9000, JURPE 8000, MUSIK 7000, FALLT 5000##, SHELL 3700##, FOGLA 1900,
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1039
6. MIN GS INCPT: 1900 GS ALT AT: FOGLA/7.39 DME/RADAR 1900 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 58.2
8. MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25R	# 302	2400	200	# 302	2400	200	# 302	2400	200	# 302	2400	200			
S-LOC 25R	560	2400	458	560	2400	458	560	4000	458	560	5000	458			
SIDESTEP 25L	620	5000	516	620	5000	516	620	5000	516	620	1 1/2	516			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 25L CAT A/B.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 24 L/R.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SLI VORTAC VIA V459-597 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 25R 102 TDZE: 25L 104 LOS ANGELES INTL	I-CFN	ILS OR LOC RWY 25R, AMDT 16 25 SEP 2008	SUP: AMDT: 15A DATED 05/10/2007

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 4 CONT.
GRIMY/4.68 DME/RADAR 1000*

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MUSIK/26.38 DME/RADAR	FALLT/16.61 DME/RADAR	249.01 / 9.77 (I-CFN)	5000##
SLI VORTAC (IAF)	FALLT/16.61 DME/RADAR	335.52 / 11.27	5000##
FALLT/16.61 DME/RADAR (IF)	SHELL/12.80 DME/RADAR	249.01 / 3.81 (I-CFN)	3700##
SHELL/12.80 DME/RADAR	FOGLA/7.39 DME/RADAR	249.01 / 5.41 (I-CFN)	1900

NOTES CONT.
*LOC ONLY
CHART PROFILE NOTE: ## WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3700 OR 5000.
CHART NOTE: # RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE	ELEVATION: 126 TDZE: 25R 102 TDZE: 25L 104	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	I-CFN	ILS OR LOC RWY 25R, AMDT 16 25 SEP 2008	AMDT: 15A DATED: 05/10/2007

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PURMS (IAF)	JULLI (FB)	150.93 / 9.00	4000
SLI VORTAC (IAF)	JULLI (FB)	331.00 / 12.13	4000
SEAVU (IAF)	SHURL (FB)	279.17 / 8.15	10000
RIIVR (IAF)	SHURL (FB)	255.09 / 9.08	10000
SHURL	PFILA (FB)	249.43 / 2.94	10000
PFILA	SALWA (FB)	249.39 / 3.60	9000
SALWA	WLNUT (FB)	249.35 / 3.60	8000
SEE 8260-10			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24L

CLIMB TO 2000 DIRECT JAKOS AND VIA 261.16 TRACK TO RAFFS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
CHART FAS OBST: 310 BLDG 335646N/1182254W
CHART FAS OBST: 389 ANT ON OL ATCT (UNC) 335638N/1182414W
DISTANCE TO THLD FROM 348 HAT: 0.94 NM.
CHART VDP AT 1.47 MILES TO RW24L* *LNAV ONLY.
WAAS CHANNEL # 56407
REFERENCE PATH ID: W24B
CHART WAAS SYMBOL

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HURLR
3. FAC: 249.07 FAF: SUTIE DIST FAF TO MAP: 6.27 THLD: 6.27
4. MIN. ALT: HURLR 7000, JULLI 4000, SUTIE 2200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: SUTIE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS CLEAR
8. MSA FROM: RW24L 7800

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	469	4000	348	469	4000	348	469	4000	348	469	4000	348			
LNAV/VNAV DA	606	6000	485	606	6000	485	606	6000	485	606	6000	485			
LNAV MDA	660	2400	539	660	2400	539	660	5000	539	660	6000	539			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	ELEVATION: 126 TDZE: 121 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24L
LOS ANGELES, CA	LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED 4/10/2008

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WLNUT	HURLR (FB)	249.31 / 3.60	7000
HURLR	JULLI (FB)	249.27 / 10.32	4000
JULLI (IF)	SUTIE (FB)	249.16 / 8.01	2200

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SLI VORTAC AIRWAY RADIALS 272 CW 319. PROCEDURE NA FOR ARRIVAL AT PURMS VIA V186 NORTHWEST BOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 121 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24L AMDT: ORIG-A DATED: 4/10/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAX
RUNWAY	RW24L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24B
LTP/FTP LATITUDE	335700.6800N
LTP/FTP LONGITUDE	1182405.9900W
LTP/FTP ELLIPSOIDAL HEIGHT	-00013
FPAP LATITUDE	335647.9300N
FPAP LONGITUDE	1182610.4000W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8235B562

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00339
FPAP ORTHOMETRIC HEIGHT	+00339

CITY AND STATE	ELEVATION: 126 TDZE: 121	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24L
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 4/10/2008

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SLI    K2011570VTLA N33465987W118031712    N33465987W118031712E015000023      NARSEAL BEACH

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HURLR K20    W     N33595733W117544442                    E0124    NAR          HURLR
        SUSAEAENRT   JAKOS K20    W     N33561866W118305470                    E0126    NAR          JAKOS
        SUSAEAENRT   JULLI K20    W     N33584408W118070359                    E0126    NAR          JULLI
        SUSAEAENRT   PFILA K20    W     N34011269W117415018                    E0126    NAR          PFILA
        SUSAEAENRT   PURMS K20    C   L N34072640W118095237                    E0128    NAR          PURMS
        SUSAEAENRT   RAFFS K20    C     N33571723W118440190                    E0126    NAR          RAFFS
        SUSAEAENRT   RIIVR K20    W     N34014217W117272382                    E0126    NAR          RIIVR
        SUSAEAENRT   SALWA K20    W     N34004772W117460830                    E0126    NAR          SALWA
        SUSAEAENRT   SEAVU K20    W     N33582069W117291855                    E0124    NAR          SEAVU
        SUSAEAENRT   SHURL K20    W     N34013299W117381914                    E0126    NAR          SHURL
        SUSAEAENRT   SUTIE K20    W     N33574635W118163742                    E0126    NAR          SUTIE
        SUSAEAENRT   WLNUT K20    W     N34002260W117502638                    E0126    NAR          WLNUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2ALAX     0     120YHN33563308W118242578E014000126        1800018000C    MNAR    LOS ANGELES INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2FR24LY APURMS 010PURMSK2EA0E  A    IF                                                18000              A JS
        SUSAP KLAXK2FR24LY APURMS 020JULLIK2EA0EE   010TF                    15090090    + 04000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 010RIIVRK2EA0E  A    IF                                                18000              A JS
        SUSAP KLAXK2FR24LY ARIIVR 020SHURLK2EA0E    010TF                    25510091    + 10000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 030PFILAK2EA0E    010TF                    24940029    + 10000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 040SALWAK2EA0E    010TF                    24940036    + 09000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 050WLNUTK2EA0E    010TF                    24940036    + 08000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 060HURLRK2EA0E    010TF                    24930036    + 07000                          A JS
        SUSAP KLAXK2FR24LY ARIIVR 070JULLIK2EA0EE   010TF                    24930103    + 04000                          A JS
        SUSAP KLAXK2FR24LY ASEAVU 010SEAVUK2EA0E  A    IF                                                18000              A JS
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CITY AND STATE	ELEVATION: 126 TDZE: 121	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24L
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 4/10/2008

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KLAXK2FR24LY ASEAVU 020SHURLK2EA0E    010TF                    27920082    + 10000                          A JS
SUSAP KLAXK2FR24LY ASEAVU 030PFILAK2EA0E    010TF                    24940029    + 10000                          A JS
SUSAP KLAXK2FR24LY ASEAVU 040SALWAK2EA0E    010TF                    24940036    + 09000                          A JS
SUSAP KLAXK2FR24LY ASEAVU 050WLNUTK2EA0E    010TF                    24940036    + 08000                          A JS
SUSAP KLAXK2FR24LY ASEAVU 060HURLRK2EA0E    010TF                    24930036    + 07000                          A JS
SUSAP KLAXK2FR24LY ASEAVU 070JULLIK2EA0EE   010TF                    24930103    + 04000                          A JS
SUSAP KLAXK2FR24LY ASLI   010SLI  K2D 0V  A    IF                                                 18000             A JS
SUSAP KLAXK2FR24LY ASLI   020JULLIK2EA0EE   010TF                    33100121    + 04000                          A JS
SUSAP KLAXK2FR24LY R      010JULLIK2EA0E  I    IF                                + 04000    18000                 A JS
SUSAP KLAXK2FR24LY R      020SUTIEK2EA1E  F 051TF                    24920080    + 02200                RW24L K2PGA JS
SUSAP KLAXK2FR24LY R      020SUTIEK2EA2WALPV       ALNAV/VNAV ALNAV                                                JS
SUSAP KLAXK2FR24LY R      030RW24LK2PG0GY M 031TF                    24910063      00170            -300          A JS
SUSAP KLAXK2FR24LY R      040JAKOSK2EA0E M  010DF                                                                 A JS
SUSAP KLAXK2FR24LY R      050RAFFSK2EA0EY   010TF                    2612        + 02000                          A JS
SUSAP KLAXK2FR24LY R      060RAFFSK2EA0EE HL020HM                    26000040    + 02000                          A JS
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            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2GRW24L   0102852490 N33570068W118240599         -00013001110000591 50R
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            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2PR24LY RW24L001Y0000W24B0N3357006800W11824059900-000130300N3356479300W118261040001067500800005 90F4005008235B562
        SUSAP KLAXK2PR24LY RW24L002E      +00339+00339LPV       56407          000
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2SRW24LK2PG              0   18018007825                                                                  M
```

CITY AND STATE	ELEVATION: 126 TDZE: 121	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24L
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 4/10/2008

CHECKED

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PURMS	PURMS	010	IAF	IF		FB				
	PURMS	JULLI	020		TF		FB	1.0	150.9(165T)	009.0	04000
	RIIVR	RIIVR	010	IAF	IF		FB				
	RIIVR	SHURL	020		TF		FB	1.0	255.1(269T)	009.1	10000
	RIIVR	PFILA	030		TF		FB	1.0	249.4(263T)	002.9	10000
	RIIVR	SALWA	040		TF		FB	1.0	249.4(263T)	003.6	09000
	RIIVR	WLNUT	050		TF		FB	1.0	249.4(263T)	003.6	08000
	RIIVR	HURLR	060		TF		FB	1.0	249.3(263T)	003.6	07000
	RIIVR	JULLI	070		TF		FB	1.0	249.3(263T)	010.3	04000
	SEAVU	SEAVU	010	IAF	IF		FB				
	SEAVU	SHURL	020		TF		FB	1.0	279.2(293T)	008.2	10000
	SEAVU	PFILA	030		TF		FB	1.0	249.4(263T)	002.9	10000
	SEAVU	SALWA	040		TF		FB	1.0	249.4(263T)	003.6	09000
	SEAVU	WLNUT	050		TF		FB	1.0	249.4(263T)	003.6	08000
	SEAVU	HURLR	060		TF		FB	1.0	249.3(263T)	003.6	07000
	SEAVU	JULLI	070		TF		FB	1.0	249.3(263T)	010.3	04000
	SLI	SLI	010	IAF	IF		FB				
	SLI	JULLI	020		TF		FB	1.0	331.0(345T)	012.1	04000
		JULLI	010	FACF	IF		FB				04000
		SUTIE	020	FAF	TF		FB	0.5	249.2(263T)	008.0	02200
		RW24L	030	MAP	TF		FO	0.3	249.1(263T)	006.3	00170

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JAKOS	040		DF		FB	1.0			
	RAFFS	050		TF		FO	1.0	261.2(275T)		02000
	RAFFS	060		HM	L	FO	2.0	260.0(274T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SLI	N334659.87	W1180317.12	N3346.998	W11803.285
	HURLR	N335957.33	W1175444.42	N3359.956	W11754.740
	JAKOS	N335618.66	W1183054.70	N3356.311	W11830.912
	JULLI	N335844.08	W1180703.59	N3358.735	W11807.060
	PFILA	N340112.69	W1174150.18	N3401.212	W11741.836
	PURMS	N340726.40	W1180952.37	N3407.440	W11809.873
	RAFFS	N335717.23	W1184401.90	N3357.287	W11844.032
	RIIVR	N340142.17	W1172723.82	N3401.703	W11727.397
	SALWA	N340047.72	W1174608.30	N3400.795	W11746.138
	SEAVU	N335820.69	W1172918.55	N3358.345	W11729.309

CITY AND STATE	ELEVATION: 126 TDZE: 121	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24L
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 4/10/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SHURL	N340132.99	W1173819.14	N3401.550	W11738.319
SUTIE	N335746.35	W1181637.42	N3357.773	W11816.624
WLNUT	N340022.60	W1175026.38	N3400.377	W11750.440
RW24L	N335700.68	W1182405.99	N3357.011	W11824.100

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW24L	00111	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 121 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24L AMDT: ORIG-A DATED: 4/10/2008

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PURMS (IAF)	MERCE (FB)	150.93 / 8.88	4000
SLI VORTAC (IAF)	MERCE (FB)	331.00 / 12.25	4000
SEAVU (IAF)	MINZA (FB)	279.26 / 8.36	10000
RIIVR (IAF)	MINZA (FB)	255.69 / 9.27	10000
MINZA	SKOLL (FB)	249.42 / 2.82	10000
SKOLL	DECOR (FB)	249.39 / 3.60	9000
DECOR	BREEA (FB)	249.35 / 3.60	8000
SEE 8260-10			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24R

CLIMB TO 2000 DIRECT IGUPE AND VIA 260.67 TRACK TO RAFFS AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PALAC
3. FAC: 249.07 FAF: JETSA DIST FAF TO MAP: 6.25 THLD: 6.25
4. MIN. ALT: PALAC 7000, MERCE 4000, JETSA 2200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: JETSA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 58.6 34:1 IS CLEAR
8. MSA FROM: RW24R 7800

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
CHART FAS OBST: 310 BLDG 335646N/1182254W
CHART FAS OBST: 389 ANT ON OL ATCT (UNC) 335638N/1182414W
DISTANCE TO THLD FROM 254 HAT: 0.62 NM.
CHART VDP AT 1.48 MILES TO RW24R* *LNAV ONLY.
WAAS CHANNEL # 69307
REFERENCE PATH ID: W24A
CHART WAAS SYMBOL

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	374	2400	254	374	2400	254	374	2400	254	374	2400	254			
LNAV/VNAV DA	604	6000	484	604	6000	484	604	6000	484	604	6000	484			
LNAV MDA	660	2400	540	660	2400	540	660	5000	540	660	6000	540			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SLI VORTAC AIRWAY RADIALS 272 CW 319. PROCEDURE NA FOR ARRIVALS AT PURMS VIA V186 NORTHWEST BOUND.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 120 LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24R AMDT: ORIG-A DATED 4/10/08

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BREEA	PALAC (FB)	249.31 / 3.60	7000
PALAC	MERCE (FB)	249.27 / 10.28	4000
MERCE (IF)	JETSA (FB)	249.16 / 8.01	2200

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 120 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24R AMDT: ORIG-A DATED: 4/10/08

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAX
RUNWAY	RW24R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	335707.5600N
LTP/FTP LONGITUDE	1182407.0000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00005
FPAP LATITUDE	335654.3700N
FPAP LONGITUDE	1182615.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00058.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E7EABCC5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00357
FPAP ORTHOMETRIC HEIGHT	+00357

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 120 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24R AMDT: ORIG-A DATED: 4/10/08

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SLI   K2011570VTLA N33465987W118031712    N33465987W118031712E015000023      NARSEAL BEACH

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BREEA K20    W     N34002911W117503116                    E0126     NAR          BREEA
        SUSAEAENRT   DECOR K20    W     N34005423W117461307                    E0126     NAR          DECOR
        SUSAEAENRT   IGUPE K20    W     N33562488W118310216                    E0126     NAR          IGUPE
        SUSAEAENRT   JETSA K20    W     N33575310W118163966                    E0126     NAR          JETSA
        SUSAEAENRT   MERCE K20    W     N33585084W118070576                    E0126     NAR          MERCE
        SUSAEAENRT   MINZA K20    W     N34013866W117383271                    E0126     NAR          MINZA
        SUSAEAENRT   PALAC K20    W     N34000383W117544920                    E0126     NAR          PALAC
        SUSAEAENRT   PURMS K20    C   L N34072640W118095237                    E0128     NAR          PURMS
        SUSAEAENRT   RAFFS K20    C     N33571723W118440190                    E0126     NAR          RAFFS
        SUSAEAENRT   RIIVR K20    W     N34014217W117272382                    E0126     NAR          RIIVR
        SUSAEAENRT   SEAVU K20    W     N33582069W117291855                    E0124     NAR          SEAVU
        SUSAEAENRT   SKOLL K20    W     N34011920W117415495                    E0126     NAR          SKOLL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2ALAX     0     120YHN33563308W118242578E014000126         1800018000C    MNAR    LOS ANGELES INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KLAXK2FR24RY APURMS 010PURMSK2EA0E  A    IF                                                18000              A JS
        SUSAP KLAXK2FR24RY APURMS 020MERCEK2EA0EE    010TF                  15090089    + 04000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 010RIIVRK2EA0E  A    IF                                                18000              A JS
        SUSAP KLAXK2FR24RY ARIIVR 020MINZAK2EA0E     010TF                  25570093    + 10000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 030SKOLLK2EA0E     010TF                  24940028    + 10000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 040DECORK2EA0E     010TF                  24940036    + 09000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 050BREEAK2EA0E     010TF                  24940036    + 08000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 060PALACK2EA0E     010TF                  24930036    + 07000                              A JS
        SUSAP KLAXK2FR24RY ARIIVR 070MERCEK2EA0EE    010TF                  24930103    + 04000                              A JS
        SUSAP KLAXK2FR24RY ASEAVU 010SEAVUK2EA0E  A    IF                                                18000              A JS
```

CITY AND STATE	ELEVATION: 126 TDZE: 120	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24R
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 4/10/08

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KLAXK2FR24RY ASEAVU 020MINZAK2EA0E    010TF                    27930084    + 10000                              A JS
SUSAP KLAXK2FR24RY ASEAVU 030SKOLLK2EA0E    010TF                    24940028    + 10000                              A JS
SUSAP KLAXK2FR24RY ASEAVU 040DECORK2EA0E    010TF                    24940036    + 09000                              A JS
SUSAP KLAXK2FR24RY ASEAVU 050BREEAK2EA0E    010TF                    24940036    + 08000                              A JS
SUSAP KLAXK2FR24RY ASEAVU 060PALACK2EA0E    010TF                    24930036    + 07000                              A JS
SUSAP KLAXK2FR24RY ASEAVU 070MERCEK2EA0EE   010TF                    24930103    + 04000                              A JS
SUSAP KLAXK2FR24RY ASLI   010SLI  K2D 0V  A    IF                                                 18000                A JS
SUSAP KLAXK2FR24RY ASLI   020MERCEK2EA0EE   010TF                    33100123    + 04000                              A JS
SUSAP KLAXK2FR24RY R      010MERCEK2EA0E  I    IF                                + 04000          18000               A JS
SUSAP KLAXK2FR24RY R      020JETSAK2EA1E  F 051TF                    24920080    + 02200                RW24R K2PGA JS
SUSAP KLAXK2FR24RY R      020JETSAK2EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
SUSAP KLAXK2FR24RY R      030RW24RK2PG0GY M 031TF                    24910063      00176                -300          A JS
SUSAP KLAXK2FR24RY R      040IGUPEK2EA0E M  010DF                                                                     A JS
SUSAP KLAXK2FR24RY R      050RAFFSK2EA0EY   010TF                    2607        + 02000                              A JS
SUSAP KLAXK2FR24RY R      060RAFFSK2EA0EE HL020HM                    26000040    + 02000                              A JS
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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2GRW24R   0089252490 N33570756W118240700-0100    +00005001170000591 50R
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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2PR24RY RW24R001Y0000W24R0N3357075600W11824070000+000050300N3356543700W11826157200106750608000586F400500F76A2012
       SUSAP KLAXK2PR24RY RW24R002E      +00357+00357LPV       69307          000
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          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2SRW24RK2PG              0   18018007825                                                              M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 120 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24R AMDT: ORIG-A DATED: 4/10/08

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PURMS	PURMS	010	IAF	IF		FB				
	PURMS	MERCE	020		TF		FB	1.0	150.9(165T)	008.9	04000
	RIIVR	RIIVR	010	IAF	IF		FB				
	RIIVR	MINZA	020		TF		FB	1.0	255.7(270T)	009.3	10000
	RIIVR	SKOLL	030		TF		FB	1.0	249.4(263T)	002.8	10000
	RIIVR	DECOR	040		TF		FB	1.0	249.4(263T)	003.6	09000
	RIIVR	BREEA	050		TF		FB	1.0	249.4(263T)	003.6	08000
	RIIVR	PALAC	060		TF		FB	1.0	249.3(263T)	003.6	07000
	RIIVR	MERCE	070		TF		FB	1.0	249.3(263T)	010.3	04000
	SEAVU	SEAVU	010	IAF	IF		FB				
	SEAVU	MINZA	020		TF		FB	1.0	279.3(293T)	008.4	10000
	SEAVU	SKOLL	030		TF		FB	1.0	249.4(263T)	002.8	10000
	SEAVU	DECOR	040		TF		FB	1.0	249.4(263T)	003.6	09000
	SEAVU	BREEA	050		TF		FB	1.0	249.4(263T)	003.6	08000
	SEAVU	PALAC	060		TF		FB	1.0	249.3(263T)	003.6	07000
	SEAVU	MERCE	070		TF		FB	1.0	249.3(263T)	010.3	04000
	SLI	SLI	010	IAF	IF		FB				
	SLI	MERCE	020		TF		FB	1.0	331.0(345T)	012.3	04000
		MERCE	010	FACF	IF		FB				04000
		JETSA	020	FAF	TF		FB	0.5	249.2(263T)	008.0	02200
		RW24R	030	MAP	TF		FO	0.3	249.1(263T)	006.3	00176
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		IGUPE	040		DF		FB	1.0			
		RAFFS	050		TF		FO	1.0	260.7(275T)		02000
		RAFFS	060		HM	L	FO	2.0	260.0(274T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SLI	N334659.87	W1180317.12	N3346.998	W11803.285
	BREEA	N340029.11	W1175031.16	N3400.485	W11750.519
	DECOR	N340054.23	W1174613.07	N3400.904	W11746.218
	IGUPE	N335624.88	W1183102.16	N3356.415	W11831.036
	JETSA	N335753.10	W1181639.66	N3357.885	W11816.661
	MERCE	N335850.84	W1180705.76	N3358.847	W11807.096
	MINZA	N340138.66	W1173832.71	N3401.644	W11738.545
	PALAC	N340003.83	W1175449.20	N3400.064	W11754.820
	PURMS	N340726.40	W1180952.37	N3407.440	W11809.873
	RAFFS	N335717.23	W1184401.90	N3357.287	W11844.032

CITY AND STATE	ELEVATION: 126 TDZE: 120	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24R
LOS ANGELES, CA	AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (GPS) Y RWY 24R, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A**
				DATED: **4/10/08**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

RIIVR	N340142.17	W1172723.82	N3401.703	W11727.397
SEAVU	N335820.69	W1172918.55	N3358.345	W11729.309
SKOLL	N340119.20	W1174154.95	N3401.320	W11741.916
RW24R	N335707.56	W1182407.00	N3357.126	W11824.117

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW24R	00117	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 120 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 24R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 24R AMDT: ORIG-A DATED: 4/10/08

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SEAVU (IAF)	LUVYN (FB)	279.17 / 6.37	10000
RIIVR (IAF)	LUVYN (FB)	249.54 / 7.50	10000
LUVYN	KRAIN (FB)	249.44 / 4.31	10000
KRAIN	TAROC (FB)	249.40 / 3.50	9000
TAROC	DYMMO (FB)	249.32 / 3.50	8000
DYMMO	FUELR (FB)	249.36 / 3.30	7000
FUELR	GAATE (FB)	249.28 / 9.80	5000
SEE 8260-10			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25L

CLIMB TO 2000 DIRECT ZERAN AND VIA 184.67 TRACK TO CATLY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 211.10 INBOUND.
CHART FAS OBST: 283 ANT ON OL BLDG 335646N/1182211W
CHART FAS OBST: 360 TRMSN TWR 335649N/1181843W
DISTANCE TO THLD FROM 261 HAT: 0.66 NM.
CHART VDP AT 1.52 MILES TO RW25L* *LNAV ONLY.
WAAS CHANNEL # 53507
REFERENCE PATH ID: W25A
CHART WAAS SYMBOL

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FUELR
3. FAC: 249.07 FAF: LIMMA DIST FAF TO MAP: 5.40 THLD: 5.40
4. MIN. ALT: FUELR 7000, GAATE 5000, HUNDA 3700, LIMMA 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: LIMMA 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.4 34:1 IS CLEAR
8. MSA FROM: RW25L 7800

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	365	2400	261	365	2400	261	365	2400	261	365	2400	261			
LNAV/VNAV DA	575	6000	471	575	6000	471	575	6000	471	575	6000	471			
LNAV MDA	640	2400	536	640	2400	536	640	5000	536	640	6000	536			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SLI VORTAC VIA V459-597 SOUTHEAST BOUND.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 104 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25L, AMDT 2 25 SEP 2008	SUP: RNAV (GPS) RWY 25L AMDT: 1A DATED

SQUARED & CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLI VORTAC (IAF)	GAATE (FB)	336.41 / 11.14	5000
GAATE (IF)	HUNDA (FB)	249.17 / 3.81	3700
HUNDA	LIMMA (FB)	249.13 / 5.41	1900

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 104 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25L, AMDT 2 25 SEP 2008	SUP: RNAV (GPS) RWY 25L AMDT: 1A DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAX
RUNWAY	RW25L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	335614.4890N
LTP/FTP LONGITUDE	1182257.7530W
LTP/FTP ELLIPSOIDAL HEIGHT	-00052
FPAP LATITUDE	335601.0500N
FPAP LONGITUDE	1182509.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	74AC4C88

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00300
FPAP ORTHOMETRIC HEIGHT	+00300

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ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAD        SLI    K2011570VTLA N33465987W118031712    N33465987W118031712E015000023      NARSEAL BEACH                 G

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CATLY K20    C     N33465536W118364610                    E0126     NAR          CATLY                    G
       SUSAEAENRT   DYMMO K20    W     N33593270W117495196                    E0124     NAR          DYMMO                    G
       SUSAEAENRT   FUELR K20    W     N33590967W117534879                    E0124     NAR          FUELR                    G
       SUSAEAENRT   GAATE K20    W     N33580019W118053097                    E0126     NAR          GAATE                    G
       SUSAEAENRT   HUNDA K20    W     N33573287W118100398                    E0126     NAR          HUNDA                    G
       SUSAEAENRT   KRAIN K20    W     N34002151W117413020                    E0126     NAR          KRAIN                    G
       SUSAEAENRT   LIMMA K20    W     N33565382W118163123                    E0126     NAR          LIMMA                    G
       SUSAEAENRT   LUVYN K20    W     N34005118W117362138                    E0126     NAR          LUVYN                    G
       SUSAEAENRT   RIIVR K20    W     N34014217W117272382                    E0126     NAR          RIIVR                    G
       SUSAEAENRT   SEAVU K20    W     N33582069W117291855                    E0124     NAR          SEAVU                    G
       SUSAEAENRT   TAROC K20    W     N33595725W117454111                    E0124     NAR          TAROC                    G
       SUSAEAENRT   ZERAN K20    W     N33550982W118332608                    E0126     NAR          ZERAN                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2ALAX     0     120YHN33563308W118242578E014000126         1800018000C    MNAR    LOS ANGELES INTL              G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2FR25LY ARIIVR 010RIIVRK2EA0E  A    IF                                          18000                A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 020LUVYNK2EA0E    010TF                  24950075    + 10000                        A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 030KRAINK2EA0E    010TF                  24940043    + 10000                        A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 040TAROCK2EA0E    010TF                  24940035    + 09000                        A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 050DYMMOK2EA0E    010TF                  24930035    + 08000                        A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 060FUELRK2EA0E    010TF                  24940033    + 07000                        A JS   G
       SUSAP KLAXK2FR25LY ARIIVR 070GAATEK2EA0EE   010TF                  24930098    + 05000                        A JS   G
       SUSAP KLAXK2FR25LY ASEAVU 010SEAVUK2EA0E  A    IF                                          18000                A JS   G
       SUSAP KLAXK2FR25LY ASEAVU 020LUVYNK2EA0E    010TF                  27920064    + 10000                        A JS   G
       SUSAP KLAXK2FR25LY ASEAVU 030KRAINK2EA0E    010TF                  24940043    + 10000                        A JS   G
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 126 TDZE: 104** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (GPS) Y RWY 25L, AMDT 2** 25 SEP 2008	SUP: **RNAV (GPS) RWY 25L** AMDT: **1A** DATED:

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KLAXK2FR25LY ASEAVU 040TAROCK2EA0E    010TF                    24940035    + 09000                              A JS   G
SUSAP KLAXK2FR25LY ASEAVU 050DYMMOK2EA0E    010TF                    24930035    + 08000                              A JS   G
SUSAP KLAXK2FR25LY ASEAVU 060FUELRK2EA0E    010TF                    24940033    + 07000                              A JS   G
SUSAP KLAXK2FR25LY ASEAVU 070GAATEK2EA0EE   010TF                    24930098    + 05000                              A JS   G
SUSAP KLAXK2FR25LY ASLI   010SLI  K2D 0V  A    IF                                                 18000                A JS   G
SUSAP KLAXK2FR25LY ASLI   020GAATEK2EA0EE   010TF                    33640111    + 05000                              A JS   G
SUSAP KLAXK2FR25LY R      010GAATEK2EA0E  I    IF                                + 05000    18000                     A JS   G
SUSAP KLAXK2FR25LY R      011HUNDAK2EA0E S  051TF                    24920038    + 03700                              A JS   G
SUSAP KLAXK2FR25LY R      020LIMMAK2EA1E  F 051TF                    24910054    + 01900                RW25L K2PGA   JS   G
SUSAP KLAXK2FR25LY R      020LIMMAK2EA2WALPV       ALNAV/VNAV ALNAV                                                     JS   G
SUSAP KLAXK2FR25LY R      030RW25LK2PG0GY M 031TF                    24910054      00154          -300                A JS   G
SUSAP KLAXK2FR25LY R      040ZERANK2EA0E M  010DF                                                                      A JS   G
SUSAP KLAXK2FR25LY R      050CATLYK2EA0EY   010TF                    1847        + 02000                              A JS   G
SUSAP KLAXK2FR25LY R      060CATLYK2EA0EE HR020HM                    21110040    + 02000                              A JS   G
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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KLAXK2GRW25L   0110952490 N33561449W118225775+0200    -0005200098000056200I                                          G
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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KLAXK2PR25LY RW25L001Y0000W25A0N3356144890W11822577530-0052 0300N3356010500W11825090300106750016000564F40050074AC4C88G
SUSAP KLAXK2PR25LY RW25L002E      +00300+00300LPV       53507         000                                                  G
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          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
SUSAP KLAXK2SRW25LK2PG              0   18018007825                                                                  M   G
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	**ELEVATION: 126** **TDZE: 104** AIRPORT NAME: **LOS ANGELES INTL**	**RNAV**	**RNAV (GPS) Y RWY 25L, AMDT 2** 25 SEP 2008	SUP: **RNAV (GPS) RWY 25L** AMDT: **1A** DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RIIVR	RIIVR	010	IAF	IF		FB				
	RIIVR	LUVYN	020		TF		FB	1.0	249.5(264T)	007.5	10000
	RIIVR	KRAIN	030		TF		FB	1.0	249.4(263T)	004.3	10000
	RIIVR	TAROC	040		TF		FB	1.0	249.4(263T)	003.5	09000
	RIIVR	DYMMO	050		TF		FB	1.0	249.3(263T)	003.5	08000
	RIIVR	FUELR	060		TF		FB	1.0	249.4(263T)	003.3	07000
	RIIVR	GAATE	070		TF		FB	1.0	249.3(263T)	009.8	05000
	SEAVU	SEAVU	010	IAF	IF		FB				
	SEAVU	LUVYN	020		TF		FB	1.0	279.2(293T)	006.4	10000
	SEAVU	KRAIN	030		TF		FB	1.0	249.4(263T)	004.3	10000
	SEAVU	TAROC	040		TF		FB	1.0	249.4(263T)	003.5	09000
	SEAVU	DYMMO	050		TF		FB	1.0	249.3(263T)	003.5	08000
	SEAVU	FUELR	060		TF		FB	1.0	249.4(263T)	003.3	07000
	SEAVU	GAATE	070		TF		FB	1.0	249.3(263T)	009.8	05000
	SLI	SLI	010	IAF	IF		FB				
	SLI	GAATE	020		TF		FB	1.0	336.4(350T)	011.1	05000
		GAATE	010	FACF	IF		FB				05000
		HUNDA	011	SDF	TF		FB	0.5	249.2(263T)	003.8	03700
		LIMMA	020	FAF	TF		FB	0.5	249.1(263T)	005.4	01900
		RW25L	030	MAP	TF		FO	0.3	249.1(263T)	005.4	00154
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		ZERAN	040		DF		FB	1.0			
		CATLY	050		TF		FO	1.0	184.7(199T)		02000
		CATLY	060		HM	R	FO	2.0	211.1(225T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SLI	N334659.87	W1180317.12	N3346.998	W11803.285
	CATLY	N334655.36	W1183646.10	N3346.923	W11836.768
	DYMMO	N335932.70	W1174951.96	N3359.545	W11749.866
	FUELR	N335909.67	W1175348.79	N3359.161	W11753.813
	GAATE	N335800.19	W1180530.97	N3358.003	W11805.516
	HUNDA	N335732.87	W1181003.98	N3357.548	W11810.066
	KRAIN	N340021.51	W1174130.20	N3400.359	W11741.503
	LIMMA	N335653.82	W1181631.23	N3356.897	W11816.521
	LUVYN	N340051.18	W1173621.38	N3400.853	W11736.356
	RIIVR	N340142.17	W1172723.82	N3401.703	W11727.397
	SEAVU	N335820.69	W1172918.55	N3358.345	W11729.309

CITY AND STATE	ELEVATION: 126 TDZE: 104	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25L
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25L, AMDT 2 25 SEP 2008	AMDT: 1A
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAROC	N335957.25	W1174541.11	N3359.954	W11745.685
ZERAN	N335509.82	W1183326.08	N3355.164	W11833.435
RW25L	N335614.49	W1182257.75	N3356.242	W11822.963

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW25L	00098	56

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SEAVU (IAF)	BCOVE (FB)	279.17 / 6.64	10000
RIIVR (IAF)	BCOVE (FB)	250.52 / 7.73	10000
BCOVE	LYCOM (FB)	249.44 / 4.04	10000
LYCOM	TAANK (FB)	249.39 / 3.50	9000
TAANK	JURPE (FB)	249.36 / 3.50	8000
JURPE	MUSIK (FB)	249.32 / 3.35	7000
MUSIK	FALLT (FB)	249.28 / 9.77	5000
SEE 8260-10			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25R

CLIMB TO 2000 DIRECT ZIMRU AND VIA 185.77 TRACK TO CATLY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 211.10 INBOUND.
CHART FAS OBST: 310 BLDG 335646N/1182254W
CHART FAS OBST: 283 ANT ON OL BLDG 335646N/1182211W
DISTANCE TO THLD FROM 267 HAT: 0.68 NM.
CHART VDP AT 1.53 MILES TO RW25R* *LNAV ONLY.
WAAS CHANNEL # 49007
REFERENCE PATH ID: W25B
CHART WAAS SYMBOL

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MUSIK
3. FAC: 249.07 FAF: FOGLA DIST FAF TO MAP: 5.41 THLD: 5.41
4. MIN. ALT: MUSIK 7000, FALLT 5000, SHELL 3700, FOGLA 1900, GRIMY/2.70 NM TO RW25R 1000*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: FOGLA 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 58.2 34:1 IS CLEAR
8. MSA FROM: RW25R 7800

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	369	2400	267	369	2400	267	369	2400	267	369	2400	267			
LNAV/VNAV DA	576	6000	474	576	6000	474	576	6000	474	576	6000	474			
LNAV MDA	640	2400	538	640	2400	538	640	5000	538	640	6000	538			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SLI VORTAC VIA V459-597 SOUTHEAST BOUND

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 102 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 25R AMDT: ORIG-A DATED 10/25/2007

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLI VORTAC (IAF)	FALLT (FB)	336.52 / 11.27	5000
FALLT (IF)	SHELL (FB)	249.17 / 3.81	3700
SHELL	FOGLA (FB)	249.13 / 5.41	1900

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 102 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 25R AMDT: ORIG-A DATED: 10/25/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAX
RUNWAY	RW25R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25B
LTP/FTP LATITUDE	335622.3900N
LTP/FTP LONGITUDE	1182258.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	-00066
FPAP LATITUDE	335608.9700N
FPAP LONGITUDE	1182509.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00058.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2E244817

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00287
FPAP ORTHOMETRIC HEIGHT	+00287

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        SLI   K2011570VTLA N33465987W118031712    N33465987W118031712E015000023      NARSEAL BEACH                 I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   BCOVE K20    W     N34005745W117363903                    E0126     NAR          BCOVE                    I
       SUSAEAENRT   CATLY K20    C     N33465536W118364610                    E0126     NAR          CATLY                    I
       SUSAEAENRT   FALLT K20    W     N33580814W118053111                    E0126     NAR          FALLT                    I
       SUSAEAENRT   FOGLA K20    W     N33570177W118163136                    E0126     NAR          FOGLA                    I
       SUSAEAENRT   GRIMY K20    W     N33564210W118194518                    E0126     NAR          GRIMY                    I
       SUSAEAENRT   JURPE K20    W     N33594093W117495074                    E0124     NAR          JURPE                    I
       SUSAEAENRT   LYCOM K20    W     N34002960W117412895                    E0126     NAR          LYCOM                    I
       SUSAEAENRT   MUSIK K20    W     N33591743W117535089                    E0124     NAR          MUSIK                    I
       SUSAEAENRT   RIIVR K20    W     N34014217W117272382                    E0126     NAR          RIIVR                    I
       SUSAEAENRT   SEAVU K20    W     N33582069W117291855                    E0124     NAR          SEAVU                    I
       SUSAEAENRT   SHELL K20    W     N33574082W118100412                    E0126     NAR          SHELL                    I
       SUSAEAENRT   TAANK K20    W     N34000533W117453987                    E0126     NAR          TAANK                    I
       SUSAEAENRT   ZIMRU K20    W     N33551956W118330908                    E0126     NAR          ZIMRU                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2ALAX     0     120YHN33563308W118242578E014000126        1800018000C    MNAR    LOS ANGELES INTL             I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2FR25RY ARIIVR 010RIIVRK2EA0E  A    IF                                                18000              A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 020BCOVEK2EA0E    010TF                    25050077    + 10000                          A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 030LYCOMK2EA0E    010TF                    24940040    + 10000                          A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 040TAANKK2EA0E    010TF                    24940035    + 09000                          A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 050JURPEK2EA0E    010TF                    24940035    + 08000                          A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 060MUSIKK2EA0E    010TF                    24930034    + 07000                          A JS   I
       SUSAP KLAXK2FR25RY ARIIVR 070FALLTK2EA0EE   010TF                    24930098    + 05000                          A JS   I
       SUSAP KLAXK2FR25RY ASEAVU 010SEAVUK2EA0E  A    IF                                                18000              A JS   I
       SUSAP KLAXK2FR25RY ASEAVU 020BCOVEK2EA0E    010TF                    27920066    + 10000                          A JS   I
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 102 AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 25R AMDT: ORIG-A DATED: 10/25/2007

CHECKED

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SUSAP KLAXK2FR25RY ASEAVU 030LYCOMK2EA0E    010TF                    24940040    + 10000                                  A JS   I
SUSAP KLAXK2FR25RY ASEAVU 040TAANKK2EA0E    010TF                    24940035    + 09000                                  A JS   I
SUSAP KLAXK2FR25RY ASEAVU 050JURPEK2EA0E    010TF                    24940035    + 08000                                  A JS   I
SUSAP KLAXK2FR25RY ASEAVU 060MUSIKK2EA0E    010TF                    24930034    + 07000                                  A JS   I
SUSAP KLAXK2FR25RY ASEAVU 070FALLTK2EA0EE   010TF                    24930098    + 05000                                  A JS   I
SUSAP KLAXK2FR25RY ASLI   010SLI  K2D 0V  A    IF                                                 18000                   A JS   I
SUSAP KLAXK2FR25RY ASLI   020FALLTK2EA0EE   010TF                    33650113    + 05000                                  A JS   I
SUSAP KLAXK2FR25RY R      010FALLTK2EA0E  I    IF                                + 05000     18000                        A JS   I
SUSAP KLAXK2FR25RY R      011SHELLK2EA0E S  051TF                    24920038    + 03700                                  A JS   I
SUSAP KLAXK2FR25RY R      020FOGLAK2EA1E  F 051TF                    24910054    + 01900                 RW25R K2PGA      JS   I
SUSAP KLAXK2FR25RY R      020FOGLAK2EA2WALPV       ALNAV/VNAV ALNAV                                                        JS   I
SUSAP KLAXK2FR25RY R      021GRIMYK2EA0E S  031TF                    24910027    V 0100001019        -300                 A JS   I
SUSAP KLAXK2FR25RY R      030RW25RK2PG0GY M 031TF                    24910027      00152             -300                 A JS   I
SUSAP KLAXK2FR25RY R      040ZIMRUK2EA0E M  010DF                                                                         A JS   I
SUSAP KLAXK2FR25RY R      050CATLYK2EA0EY   010TF                    1858        + 02000                                  A JS   I
SUSAP KLAXK2FR25RY R      060CATLYK2EA0EE HR020HM                    21110040    + 02000                                  A JS   I
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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2GRW25R   0111342490 N33562239W118225846+0200    -0006600094095758150I                                          I
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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2PR25RY RW25R001Y0000W25B0N3356223900W11822584600-0066 0300N3356089700W118250961001067500000000582F4005002E244817I
       SUSAP KLAXK2PR25RY RW25R002E      +00287+00287LPV       49007          000                                                 I
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          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLAXK2SRW25RK2PG              0   18018007825                                                                  M   I
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CITY AND STATE	ELEVATION: 126 TDZE: 102	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25R
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25R, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 10/25/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RIIVR	RIIVR	010	IAF	IF		FB				
	RIIVR	BCOVE	020		TF		FB	1.0	250.5(265T)	007.7	10000
	RIIVR	LYCOM	030		TF		FB	1.0	249.4(263T)	004.0	10000
	RIIVR	TAANK	040		TF		FB	1.0	249.4(263T)	003.5	09000
	RIIVR	JURPE	050		TF		FB	1.0	249.4(263T)	003.5	08000
	RIIVR	MUSIK	060		TF		FB	1.0	249.3(263T)	003.4	07000
	RIIVR	FALLT	070		TF		FB	1.0	249.3(263T)	009.8	05000
	SEAVU	SEAVU	010	IAF	IF		FB				
	SEAVU	BCOVE	020		TF		FB	1.0	279.2(293T)	006.6	10000
	SEAVU	LYCOM	030		TF		FB	1.0	249.4(263T)	004.0	10000
	SEAVU	TAANK	040		TF		FB	1.0	249.4(263T)	003.5	09000
	SEAVU	JURPE	050		TF		FB	1.0	249.4(263T)	003.5	08000
	SEAVU	MUSIK	060		TF		FB	1.0	249.3(263T)	003.4	07000
	SEAVU	FALLT	070		TF		FB	1.0	249.3(263T)	009.8	05000
	SLI	SLI	010	IAF	IF		FB				
	SLI	FALLT	020		TF		FB	1.0	336.5(351T)	011.3	05000
		FALLT	010	FACF	IF		FB				05000
		SHELL	011	SDF	TF		FB	0.5	249.2(263T)	003.8	03700
		FOGLA	020	FAF	TF		FB	0.5	249.1(263T)	005.4	01900
		GRIMY	021	SDF	TF		FB	0.3	249.1(263T)	002.7	01000
		RW25R	030	MAP	TF		FO	0.3	249.1(263T)	002.7	00152

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZIMRU	040		DF		FB	1.0			
	CATLY	050		TF		FO	1.0	185.8(200T)		02000
	CATLY	060		HM	R	FO	2.0	211.1(225T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SLI	N334659.87	W1180317.12	N3346.998	W11803.285
	BCOVE	N340057.45	W1173639.03	N3400.958	W11736.651
	CATLY	N334655.36	W1183646.10	N3346.923	W11836.768
	FALLT	N335808.14	W1180531.11	N3358.136	W11805.519
	FOGLA	N335701.77	W1181631.36	N3357.030	W11816.523
	GRIMY	N335642.10	W1181945.18	N3356.702	W11819.753
	JURPE	N335940.93	W1174950.74	N3359.682	W11749.846
	LYCOM	N340029.60	W1174128.95	N3400.493	W11741.483
	MUSIK	N335917.43	W1175350.89	N3359.291	W11753.848
	RIIVR	N340142.17	W1172723.82	N3401.703	W11727.397

CITY AND STATE	ELEVATION: 126 TDZE: 102	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25R
LOS ANGELES, CA	AIRPORT NAME: LOS ANGELES INTL	RNAV	RNAV (GPS) Y RWY 25R, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 10/25/2007

SEAVU	N335820.69	W1172918.55	N3358.345	W11729.309
SHELL	N335740.82	W1181004.12	N3357.680	W11810.069
TAANK	N340005.33	W1174539.87	N3400.089	W11745.665
ZIMRU	N335519.56	W1183309.08	N3355.326	W11833.151
RW25R	N335622.39	W1182258.46	N3356.373	W11822.974

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW25R	00094	58

CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RIIVR (IAF) (43A) (40E)	LUVYN (TF) (FB) (RNP 1.00) (40E)	249.54/7.50	10000
LUVYN (40E)	KRAIN (TF) (FB) (RNP 1.00) (40E)	249.44/4.31	10000
SEAVU (IAF) (43A) (40E)	KRAIN (TF) (FB) (RNP 1.00) (40E)	267.27/10.34	10000
KRAIN (40E)	TAROC (TF) (FB) (RNP 1.00) (40E)	249.40/3.50	9000
TAROC (40E)	DYMMO (TF) (FB) (RNP 1.00) (40E)	249.32/3.50	8000
DYMMO (40E)	FUELR (TF) (FB) (RNP 1.00) (40E)	249.36/3.30	7000
FUELR (40E)	GAATE (TF) (FB) (RNP 1.00) (40E) (41E)	249.28/9.80	5000
GAATE (IF) (40E) (43I)	HUNDA (TF) (FB) (RNP 1.00) (40E) (42S)	249.18/3.81	3700

MISSED APPROACH

MAP DA

CLIMB TO 2000 VIA 249.02 TRACK TO ZERAN AND VIA 184.67 TRACK TO CATLY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 211.10 INBOUND
CHART FAS OBST: 147 POLE 335631N/1182233W
147 ANT ON BLDG 335629N/1182229W
290 BLDG 335650N/1182210W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FUELR
3. FAC: 249.07 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: FUELR 7000, GAATE 5000, HUNDA 3700
5. DIST TO THLD FROM OM: 5.40 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: LIMMA 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.4# 34:1 IS CLEAR
8. MSA FROM: RW25L 7800

DISTANCE TO THLD FROM 304 HAT: 0.80 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 154.8 MSL (DO NOT CHART)

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.12 DA	408	2400	304	408	2400	304	408	2400	304	408	2400	304			
RNP 0.17 DA	458	4000	354	458	4000	354	458	4000	354	458	4000	354			
RNP 0.30 DA	538	5000	434	538	5000	434	538	5000	434	538	5000	434			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (40F), OR ABOVE 48C (118F). FOR INOPERATIVE ALSF-2 INCREASE VISIBILITY RNP 0.12 ALL CATS TO RVR 5000, RNP 0.17 ALL CATS TO RVR 6000, AND INCREASE RNP 0.30 ALL CATS TO 1 1/2 MILE.

CITY AND STATE	ELEVATION: 126 TDZE: 104 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	LOS ANGELES INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 25L, ORIG	AMDT: NONE DATE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES (CONTINUED)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUNDA (40E) (42S)	LIMMA (TF) (FB) (RNP 1.00) (40E) (43F)	249.13/5.41	1900
LIMMA (FAF) (40E) (43F)	RW25L (TF) (FO) (40G) (41Y) (43M)	249.07/5.40	
RW25L (MAP) (40G) (41Y) (43M)	ZERAN (TF) (FB) (RNP 1.00) (40E)	249.02/8.78	
ZERAN (40E)	CATLY (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	184.67/8.68	2000

CITY AND STATE	ELEVATION: 126 TDZE: 104 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	LOS ANGELES INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 25L, ORIG	AMDT: NONE DATED:

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RIIVR (IAF) (40E) (43A)	BCOVE (TF) (FB) (RNP 1.00) (4OE)	250.52/7.73	10000
BCOVE (40E)	LYCOM (TF) (FB) (RNP 1.00) (40E)	249.44/4.04	10000
SEAVU (IAF) (40E) (43A)	LYCOM (TF) (FB) (RNP 1.00) (40E)	268.02/10.35	10000
LYCOM (40E)	TAANK (TF) (FB) (RNP 1.00) (40E)	249.39/3.50	9000
TAANK (40E)	JURPE (TF) (FB) (RNP 1.00) (40E)	249.36/3.50	8000
JURPE (40E)	MUSIK (TF) (FB) (RNP 1.00) (40E)	249.32/3.35	7000
MUSIK (40E)	FALLT (TF) (FB) (RNP 1.00) (40E) (41E)	249.28/9.77	5000
FALLT (IF) (40E) (43I)	SHELL (TF) (FB) (RNP 1.00) (40E) (42S)	249.17/3.81	3700

MISSED APPROACH

MAP: DA

CLIMB TO 2000 VIA 249.01 TRACK TO ZIMRU AND VIA 185.77 TRACK TO CATLY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 211.10 INBOUND.
CHART FAS OBST: 290 BLDG 335650N/1182210W
147 POLE 335631N/1182233W
DISTANCE TO THLD FROM 384 HAT: 1.05 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH: 152.2 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MUSIK
3. FAC: 249.07 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: MUSIK 7000, FALLT 5000, SHELL 3700
5. DIST TO THLD FROM OM: 5.41 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: FOGLA 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: # 58.2 34: IS CLEAR
8. MSA FROM: RW25R 7800

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	486	5000	384	486	5000	384	486	5000	384	486	5000	384			
RNP 0.30 DA	537	5000	435	537	5000	435	537	5000	435	537	5000	435			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (41F) OR ABOVE 48C (118F). FOR INOPERATIVE MALSR INCREASE VISIBILITY RNP 0.11 TO RVR 6000 AND RNP 0.30 TO 1 1/2.

CITY AND STATE	ELEVATION: 126 TDZE: 102 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	LOS ANGELES INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 25R, ORIG	AMDT: NONE DATE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES (CONTINUED)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHELL (40E) (42S)	FOGLA (TF) (FB) (RNP 1.00) (40E) (43F)	249.13/5.41	1900
FOGLA (FAF) (40E) (43F)	RW25R (TF) (FO) (40G) (41Y) (43M)	249.07/5.41	
RW25R (MAP) (40G) (41Y) (43M)	ZIMRU (TF) (FB) (RNP 1.00) (40E)	249.01/8.53	
ZIMRU (40E)	CATLY (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	185.77/8.91	2000

CITY AND STATE	ELEVATION: 126 TDZE: 102 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	LOS ANGELES INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 25R, ORIG	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE	ELEVATION: 255 TDZE: 255	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MADERA, CA	AIRPORT NAME: **MADERA MUNI**	**GPS**	**GPS RWY 30, AMDT 1, 01/28/1999**	AMDT **ORIG**
				DATE **01/04/96**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BLEAR	RUGUE (FB)	314.11 / 16.83	2000
RUGUE (IAF)	IDAYI (FB)	028.88 / 5.00	2000
UYOKA (IAF)	IDAYI (FB)	209.00 / 8.75	2000
IDAYI (IF)	FOSAB (FB)	118.92 / 6.00	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 2000 DIRECT HATXI AND VIA 086.83 TRACK TO CZQ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 127.00 INBOUND.
CHART FAS OBST: 299 TREE 365937N/1200721W
CHART FAS OBST: 490 TOWER 370229N/1200916W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.62 MILES TO RW12* *LNAV ONLY.
WAAS CHANNEL # 62909
REFERENCE PATH ID: W12A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT IDAYI
3. FAC: 118.98 FAF: FOSAB DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: IDAYI 2000, FOSAB 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: FOSAB 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.0 34:1 IS CLEAR
8. MSA FROM: RW12 5900

MAG VAR: 16E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A | ____ | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	503	1	250	503	1	250	503	1	250		NA				
LNAV/VNAV DA	569	1 1/4	316	569	1 1/4	316	569	1 1/4	316		NA				
LNAV MDA	800	1	547	800	1	547	800	1 1/2	547		NA				
CIRCLING	800	1	545	800	1	545	800	1 1/2	545		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING FRESNO YOSEMITE INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED , USE FRESNO YOSEMITE INTL ALTIMETER SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 255 TDZE: 253 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MADERA, CA	MADERA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 25 SEP 2008	AMDT: NONE DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
SETTING AND INCREASE ALL DA 64 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FEET AND ALL VISIBILITIES 1/4 MILE.

CHART NOTE: CIRCLING NA TO RUNWAY 7/25.

CHART NOTE: VDP NA WHEN USING FRESNO YOSEMITE INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	**ELEVATION: 255 TDZE: 253** AIRPORT NAME: **MADERA MUNI**	**RNAV**	**RNAV (GPS) RWY 12, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMAE
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	365938.3495N
LTP/FTP LONGITUDE	1200708.9730W
LTP/FTP ELLIPSOIDAL HEIGHT	+00436
FPAP LATITUDE	365835.2400N
FPAP LONGITUDE	1200550.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00034.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C090275D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00761
FPAP ORTHOMETRIC HEIGHT	+00761

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        CZQ   K2011290VTH  N36530356W119485448    N36530356W119485448E015000360      NARCLOVIS

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   BLEAR K20    C   L N36491676W120104868                    E0136     NAR          BLEAR
       SUSAEAENRT   FOSAB K20    W     N37031098W120113417                    E0138     NAR          FOSAB
       SUSAEAENRT   HATXI K20    W     N36552741W120015680                    E0136     NAR          HATXI
       SUSAEAENRT   IDAYI K20    W     N37072582W120165285                    E0139     NAR          IDAYI
       SUSAEAENRT   RUGUE K20    W     N37035304W120211752                    E0139     NAR          RUGUE
       SUSAEAENRT   UYOKA K20    C   L N37133765W120090885                    E0138     NAR          UYOKA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KMAEK2AMAE     0     055YHN36591900W120064480E016000255         1800018000C    MNAR    MADERA MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KMAEK2FR12   ABLEAR 010BLEARK2EA0E       IF                                                  18000                A JS
       SUSAP KMAEK2FR12   ABLEAR 020RUGUEK2EA0E  A 020TF                    31410168    + 02000                                A JS
       SUSAP KMAEK2FR12   ABLEAR 030IDAYIK2EA0EE   010TF                    02890050    + 02000                                A JS
       SUSAP KMAEK2FR12   AUYOKA 010UYOKAK2EA0E  A    IF                                                  18000                A JS
       SUSAP KMAEK2FR12   AUYOKA 020IDAYIK2EA0EE   010TF                    20900088    + 02000                                A JS
       SUSAP KMAEK2FR12   R      010IDAYIK2EA0E  I    IF                                + 02000     18000                      A JS
       SUSAP KMAEK2FR12   R      020FOSABK2EA1E  F 051TF                    11890060    + 01900                 RW12  K2PGA JS
       SUSAP KMAEK2FR12   R      020FOSABK2EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
       SUSAP KMAEK2FR12   R      030RW12 K2PG0GY M 031TF                    11900050      00284                  -300          A JS
       SUSAP KMAEK2FR12   R      040HATXIK2EA0E M  010DF                                                                      A JS
       SUSAP KMAEK2FR12   R      050CZQ  K2D 0VY   010TF                    0868        + 02000                                A JS
       SUSAP KMAEK2FR12   R      060CZQ  K2D 0VE HR020HM                    12700040    + 02000                                A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	ELEVATION: 255 TDZE: 253 AIRPORT NAME: MADERA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KMAEK2GRW12    0055451190 N36593835W120070897+0100     +0043600250000034150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMAEK2PR12    RW12 001 0000W12A0N3659383495W12007089730+004360300N3658352400W120055037001067510640003340F400500C090275D
        SUSAP KMAEK2PR12    RW12 002E      +00761+00761LPV       62909          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMAEK2SRW12 K2PG               0   18018005925                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	ELEVATION: 255 TDZE: 253 AIRPORT NAME: MADERA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BLEAR	BLEAR	010		IF		FB				
	BLEAR	RUGUE	020	IAF	TF		FB	2.0	314.1(330T)	016.8	02000
	BLEAR	IDAYI	030		TF		FB	1.0	028.9(045T)	005.0	02000
	UYOKA	UYOKA	010	IAF	IF		FB				
	UYOKA	IDAYI	020		TF		FB	1.0	209.0(225T)	008.8	02000
		IDAYI	010	FACF	IF		FB				02000
		FOSAB	020	FAF	TF		FB	0.5	118.9(135T)	006.0	01900
		RW12	030	MAP	TF		FO	0.3	119.0(135T)	005.0	00284

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HATXI	040		DF		FB	1.0			
	CZQ	050		TF		FO	1.0	086.8(103T)		02000
	CZQ	060		HM	R	FO	2.0	127.0(143T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CZQ	N365303.56	W1194854.48	N3653.059	W11948.908
	BLEAR	N364916.76	W1201048.68	N3649.279	W12010.811
	FOSAB	N370310.98	W1201134.17	N3703.183	W12011.570
	HATXI	N365527.41	W1200156.80	N3655.457	W12001.947
	IDAYI	N370725.82	W1201652.85	N3707.430	W12016.881
	RUGUE	N370353.04	W1202117.52	N3703.884	W12021.292
	UYOKA	N371337.65	W1200908.85	N3713.628	W12009.148
	RW12	N365938.35	W1200708.97	N3659.639	W12007.150

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00250	34

CITY AND STATE	ELEVATION: 255 TDZE: 253	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MADERA, CA	AIRPORT NAME: MADERA MUNI	RNAV	RNAV (GPS) RWY 12, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BEREN	JENYE (FB)	132.09 / 9.71	2800
BLEAR	KITBY (FB)	085.59 / 7.98	2000
JENYE (IAF)	GEVRY (FB)	209.17 / 5.00	2000
KITBY (IAF)	GEVRY (FB)	029.08 / 5.00	2000
CZQ VORTAC (IAF)	GEVRY (FB)	237.44 / 6.50	2000
GEVRY (IF)	HATXI (FB)	299.13 / 6.00	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 2100 DIRECT ZEMDA AND VIA 022.60 TRACK TO UPICU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 125.69 INBOUND.
CHART FAS OBST: 299 POWER LINE 365828N/1200541W
CHART FAS OBST: 585 TOWER 365720N/1200202W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
CHART VDP AT 1.60 MILES TO RW30* *LNAV ONLY.
WAAS CHANNEL # 90209
REFERENCE PATH ID: W30A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GEVRY
3. FAC: 299.07 FAF: HATXI DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: GEVRY 2000, HATXI 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: HATXI 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.0 34:1 IS CLEAR
8. MSA FROM: RW30 5900

MAG VAR: 16E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	505	1	250	505	1	250	505	1	250		NA				
LNAV/VNAV DA	584	1 1/4	329	584	1 1/4	329	584	1 1/4	329		NA				
LNAV MDA	800	1	545	800	1	545	800	1 1/2	545		NA				
CIRCLING	800	1	545	800	1	545	800	1 1/2	545		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING FRESNO YOSEMITE INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED , USE FRESNO YOSEMITE INTL ALTIMETER SETTING SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 255 TDZE: 255	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MADERA, CA	AIRPORT NAME: MADERA MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 25 SEP 2008	AMDT: NONE
				DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
AND INCREASE ALL DA 64 FEET AND ALL VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FEET AND ALL VISIBILITIES 1/4 MILE.

CHART NOTE: VDP NA WHEN USING FRESNO YOSEMITE INTL ALTIMETER SETTING.

CHART NOTE: CIRCLING NA TO RUNWAY 7/25.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	ELEVATION: 255 TDZE: 255 AIRPORT NAME: MADERA MUNI	RNAV	RNAV (GPS) RWY 30, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMAE
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	365859.5715N
LTP/FTP LONGITUDE	1200620.6675W
LTP/FTP ELLIPSOIDAL HEIGHT	+00452
FPAP LATITUDE	370002.6800N
FPAP LONGITUDE	1200739.2800W
THRESHOLD CROSSING HEIGHT (TCH)	00034.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0284A124

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00777
FPAP ORTHOMETRIC HEIGHT	+00777

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        CZQ   K2011290VTH  N36530356W119485448    N36530356W119485448E015000360      NARCLOVIS

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BEREN K20    C   L N37025930W119583891                    E0137     NAR          BEREN
          SUSAEAENRT   BLEAR K20    C   L N36491676W120104868                    E0136     NAR          BLEAR
          SUSAEAENRT   GEVRY K20    W     N36511206W119564001                    E0134     NAR          GEVRY
          SUSAEAENRT   HATXI K20    W     N36552741W120015680                    E0136     NAR          HATXI
          SUSAEAENRT   JENYE K20    W     N36544390W119521490                    E0134     NAR          JENYE
          SUSAEAENRT   KITBY K20    W     N36474005W120010471                    E0136     NAR          KITBY
          SUSAEAENRT   UPICU K20    C   L N37082373W120035858                    E0139     NAR          UPICU
          SUSAEAENRT   ZEMDA K20    W     N37020707W120101433                    E0138     NAR          ZEMDA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMAEK2AMAE     0     055YHN36591900W120064480E016000255         1800018000C    MNAR    MADERA MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMAEK2FR30   ABEREN 010BERENK2EA0E       IF                                          18000                A JS
          SUSAP KMAEK2FR30   ABEREN 020JENYEK2EA0E  A 020TF                    13210097    + 02800                      A JS
          SUSAP KMAEK2FR30   ABEREN 030GEVRYK2EA0EE   010TF                    20920050    + 02000                      A JS
          SUSAP KMAEK2FR30   ABLEAR 010BLEARK2EA0E       IF                                          18000                A JS
          SUSAP KMAEK2FR30   ABLEAR 020KITBYK2EA0E  A 020TF                    08560080    + 02000                      A JS
          SUSAP KMAEK2FR30   ABLEAR 030GEVRYK2EA0EE      TF                    02910050    + 02000                      A JS
          SUSAP KMAEK2FR30   ACZQ   010CZQ  K2D 0V  A    IF                                          18000                A JS
          SUSAP KMAEK2FR30   ACZQ   020GEVRYK2EA0EE   010TF                    23740065    + 02000                      A JS
          SUSAP KMAEK2FR30   R      010GEVRYK2EA0E  I    IF                                 + 02000  18000                A JS
          SUSAP KMAEK2FR30   R      020HATXIK2EA1E  F 051TF                    29910060    + 01900              RW30  K2PGA JS
          SUSAP KMAEK2FR30   R      020HATXIK2EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KMAEK2FR30   R      030RW30 K2PG0GY M 031TF                    29910050      00289          -300          A JS
          SUSAP KMAEK2FR30   R      040ZEMDAK2EA0E M  010DF                                                              A JS
          SUSAP KMAEK2FR30   R      050UPICUK2EA0EY   010TF                    0226        + 02100                      A JS
```

CITY AND STATE	ELEVATION: 255 TDZE: 255	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MADERA, CA	AIRPORT NAME: **MADERA MUNI**	**RNAV**	**RNAV (GPS) RWY 30, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

```
        SUSAP KMAEK2FR30    R       060UPICUK2EA0EE HR020HM                    12570040     + 02100                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMAEK2GRW30     0055452990 N36585957W120062067-0100     +0045200255000034150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMAEK2PR30    RW30 001 0000W30A0N3658595715W12006206675+004520300N3700026800W120073928001067510640000340F4005000284A124
        SUSAP KMAEK2PR30    RW30 002E       +00777+00777LPV        90209           000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMAEK2SRW30 K2PG                0   18018005925                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	**ELEVATION: 255 TDZE: 255** AIRPORT NAME: **MADERA MUNI**	**RNAV**	**RNAV (GPS) RWY 30, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BEREN	BEREN	010		IF		FB				
	BEREN	JENYE	020	IAF	TF		FB	2.0	132.1(148T)	009.7	02800
	BEREN	GEVRY	030		TF		FB	1.0	209.2(225T)	005.0	02000
	BLEAR	BLEAR	010		IF		FB				
	BLEAR	KITBY	020	IAF	TF		FB	2.0	085.6(102T)	008.0	02000
	BLEAR	GEVRY	030		TF		FB		029.1(045T)	005.0	02000
	CZQ	CZQ	010	IAF	IF		FB				
	CZQ	GEVRY	020		TF		FB	1.0	237.4(253T)	006.5	02000
		GEVRY	010	FACF	IF		FB				02000
		HATXI	020	FAF	TF		FB	0.5	299.1(315T)	006.0	01900
		RW30	030	MAP	TF		FO	0.3	299.1(315T)	005.0	00289

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZEMDA	040		DF		FB	1.0			
	UPICU	050		TF		FO	1.0	022.6(039T)		02100
	UPICU	060		HM	R	FO	2.0	125.7(142T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CZQ	N365303.56	W1194854.48	N3653.059	W11948.908
	BEREN	N370259.30	W1195838.91	N3702.988	W11958.649
	BLEAR	N364916.76	W1201048.68	N3649.279	W12010.811
	GEVRY	N365112.06	W1195640.01	N3651.201	W11956.667
	HATXI	N365527.41	W1200156.80	N3655.457	W12001.947
	JENYE	N365443.90	W1195214.90	N3654.732	W11952.248
	KITBY	N364740.05	W1200104.71	N3647.668	W12001.079
	UPICU	N370823.73	W1200358.58	N3708.396	W12003.976
	ZEMDA	N370207.07	W1201014.33	N3702.118	W12010.239
	RW30	N365859.57	W1200620.67	N3658.993	W12006.345

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00255	34

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MADERA, CA	**ELEVATION: 255 TDZE: 255** AIRPORT NAME: **MADERA MUNI**	**RNAV**	**RNAV (GPS) RWY 30, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | | STANDARD | | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MODESTO, CA	**ELEVATION: 97 TDZE: 88** AIRPORT NAME: **MODESTO CITY-CO-HARRY SHAM FLD**	**GPS**	**GPS RWY 28R, ORIG-B, 11/22/1999**	SUP AMDT **ORIG-A** DATE **01/28/1998**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CZQ VORTAC	HYP VOR/DME (FB)	289.72 / 34.54	3000
PXN VORTAC	HYP VOR/DME (FB)	014.96 / 35.25	4600
VOLTA	FAXAP (FB)	045.99 / 13.57	3000
FAXAP (IAF)	DLRAY (FB)	018.26 / 6.00	3000
HYP VOR/DME (IAF)	DLRAY (FB)	304.55 / 18.94	3000
DLRAY (IF)	ZELAT (FB)	288.30 / 11.63	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28R

CLIMB TO 3000 DIRECT COMKI AND LEFT TURN VIA 225.78 TRACK TO SHELI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DLRAY
3. FAC: 288.18 FAF: ZELAT DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: DLRAY 3000, ZELAT 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: ZELAT OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.8 34:1 IS CLEAR
8. MSA FROM: RW28R 5100

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 148.20 INBOUND.
CHART FAS OBST: 214 T-L TWR 373636N/1205607W
CHART 540 TOWER 373446N/1205054W.
DISTANCE TO THLD FROM 297 HAT: 0.80 NM.
CHART VDP AT 1.09 MILES TO RW28R* *LNAV ONLY.
WAAS CHANNEL # 70609
REFERENCE PATH ID: W28A

MAG VAR: 16E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	385	1/2	297	385	1/2	297	385	1/2	297	385	1/2	297			
LNAV/VNAV DA	495	1	407	495	1	407	495	1	407	495	1	407			
LNAV MDA	480	1/2	392	480	1/2	392	480	1/2	392	480	1	392			
CIRCLING	540	1	443	560	1	463	560	1 1/2	463	660	2	563			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY TO 1 MILE ALL CATS AND LNAV CAT D TO 1 1/4 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 97 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MODESTO, CA	AIRPORT NAME: MODESTO CITY-CO-HARRY SHAM FLD	RNAV	RNAV (GPS) RWY 28R, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATWATER/CASTLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET; INCREASE LPV, LNAV/VNAV VISIBILITIES 1/4 MILE ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ATWATER/CASTLE ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ATWATER/CASTLE ALTIMETER SETTING, INCREASE LPV VISIBILITY TO 1 1/4 MILE ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CZQ VORTAC AIRWAY RADIALS 307 CW 348.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MODESTO, CA	**ELEVATION: 97 TDZE: 88** AIRPORT NAME: **MODESTO CITY-CO-HARRY SHAM FLD**	**RNAV**	**RNAV (GPS) RWY 28R, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMOD
RUNWAY	RW28R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	373714.3200N
LTP/FTP LONGITUDE	1205635.6200W
LTP/FTP ELLIPSOIDAL HEIGHT	-00070
FPAP LATITUDE	373748.2500N
FPAP LONGITUDE	1205738.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00052.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	10FA5B67

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00241
FPAP ORTHOMETRIC HEIGHT	+00241

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MODESTO, CA	ELEVATION: 97 TDZE: 88 AIRPORT NAME: MODESTO CITY-CO-HARRY SHAM FLD	RNAV	RNAV (GPS) RWY 28R, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        CZQ   K2011290VTH  N36530356W119485448    N36530356W119485448E015000360      NARCLOVIS
          SUSAD        HYP   K2011420VDL  N37130971W120240094    N37130971W120240094E015000182      NAREL NIDO
          SUSAD        PXN   K2011260VTL  N36425562W120464325    N36425562W120464325E016002060      NARPANOCHE

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   COMKI K20    W     N37390546W121000202                E0140     NAR          COMKI
          SUSAEAENRT   DLRAY K20    C     N37274707W120390771                E0139     NAR          DLRAY
          SUSAEAENRT   FAXAP K20    W     N37224924W120432224                E0139     NAR          FAXAP
          SUSAEAENRT   SHELI K20    C   L N37364380W121053349                E0140     NAR          SHELI
          SUSAEAENRT   VOLTA K20    C   L N37162721W120582435                E0139     NAR          VOLTA
          SUSAEAENRT   ZELAT K20    W     N37342018W120511295                E0139     NAR          ZELAT

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMODK2AMOD     0     059YHN37373294W120571592E016000097        1800018000C    MNAR    MODESTO CITY-CO-HARRY SHAM FLD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMODK2FR28R  ACZQ   010CZQ  K2D 0V       IF                                          18000                A JS
          SUSAP KMODK2FR28R  ACZQ   020HYP  K2D 0V  A 020TF                    28970345    + 03000                      A JS
          SUSAP KMODK2FR28R  ACZQ   030DLRAYK2EA0EE   010TF                    30460189    + 03000                      A JS
          SUSAP KMODK2FR28R  APXN   010PXN  K2D 0V       IF                                          18000                A JS
          SUSAP KMODK2FR28R  APXN   020HYP  K2D 0V  A 020TF                    01500353    + 04600                      A JS
          SUSAP KMODK2FR28R  APXN   030DLRAYK2EA0EE   010TF                    30460189    + 03000                      A JS
          SUSAP KMODK2FR28R  AVOLTA 010VOLTAK2EA0E       IF                                          18000                A JS
          SUSAP KMODK2FR28R  AVOLTA 020FAXAPK2EA0E  A 020TF                    04600136    + 03000                      A JS
          SUSAP KMODK2FR28R  AVOLTA 030DLRAYK2EA0EE   010TF                    01830060    + 03000                      A JS
          SUSAP KMODK2FR28R  R      010DLRAYK2EA0E  I    IF                                + 03000     18000            A JS
          SUSAP KMODK2FR28R  R      020ZELATK2EA1E  F 051TF                    28830116    + 01800           RW28R K2PGA JS
          SUSAP KMODK2FR28R  R      020ZELATK2EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KMODK2FR28R  R      030RW28RK2PG0GY M 031TF                    28820052      00132          -300      A JS
          SUSAP KMODK2FR28R  R      040COMKIK2EA0E M  010DF                                                          A JS
```

CITY AND STATE	ELEVATION: 97 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MODESTO, CA	AIRPORT NAME: MODESTO CITY-CO-HARRY SHAM FLD	RNAV	RNAV (GPS) RWY 28R, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED 2

```
        SUSAP KMODK2FR28R  R      050SHELIK2EA0EY  L010TFY                  2258        + 03000                          A JS
        SUSAP KMODK2FR28R  R      060SHELIK2EA0EE HR020HM                  14820040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMODK2GRW28R   0059112881 N37371432W120563562+0300     -0007000079000053150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMODK2PR28R  RW28R001 0000W28A0N3737143200W12056356200-0070 0300N3737482500W120573860001067500640005 28F40050010FA5B67
        SUSAP KMODK2PR28R  RW28R002E      +00241+00241LPV       70609          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMODK2SRW28RK2PG               0   18018005125                                                                  M
```

CITY AND STATE	ELEVATION: 97 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MODESTO, CA	AIRPORT NAME: MODESTO CITY-CO-HARRY SHAM FLD	RNAV	RNAV (GPS) RWY 28R, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CZQ	CZQ	010		IF		FB				
	CZQ	HYP	020	IAF	TF		FB	2.0	289.7(306T)	034.5	03000
	CZQ	DLRAY	030		TF		FB	1.0	304.6(321T)	018.9	03000
	PXN	PXN	010		IF		FB				
	PXN	HYP	020	IAF	TF		FB	2.0	015.0(031T)	035.3	04600
	PXN	DLRAY	030		TF		FB	1.0	304.6(321T)	018.9	03000
	VOLTA	VOLTA	010		IF		FB				
	VOLTA	FAXAP	020	IAF	TF		FB	2.0	046.0(062T)	013.6	03000
	VOLTA	DLRAY	030		TF		FB	1.0	018.3(034T)	006.0	03000
		DLRAY	010	FACF	IF		FB				03000
		ZELAT	020	FAF	TF		FB	0.5	288.3(304T)	011.6	01800
		RW28R	030	MAP	TF		FO	0.3	288.2(304T)	005.2	00132

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COMKI	040		DF		FB	1.0			
	SHELI	050		TF	L	FO	1.0	225.8(242T)		03000
	SHELI	060		HM	R	FO	2.0	148.2(164T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CZQ	N365303.56	W1194854.48	N3653.059	W11948.908
	HYP	N371309.71	W1202400.94	N3713.162	W12024.016
	PXN	N364255.62	W1204643.25	N3642.927	W12046.721
	COMKI	N373905.46	W1210002.02	N3739.091	W12100.034
	DLRAY	N372747.07	W1203907.71	N3727.785	W12039.129
	FAXAP	N372249.24	W1204322.24	N3722.821	W12043.371
	SHELI	N373643.80	W1210533.49	N3736.730	W12105.558
	VOLTA	N371627.21	W1205824.35	N3716.454	W12058.406
	ZELAT	N373420.18	W1205112.95	N3734.336	W12051.216
	RW28R	N373714.32	W1205635.62	N3737.239	W12056.594

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28R	00079	53

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MODESTO, CA	ELEVATION: 97 TDZE: 88 AIRPORT NAME: MODESTO CITY-CO-HARRY SHAM FLD	RNAV	RNAV (GPS) RWY 28R, ORIG 25 SEP 2008	AMDT: NONE DATED:

QUALITY 2

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 10L, 10R, 28L, 28R STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 28L, 28R - CLIMB ON A HEADING BETWEEN 256º CW TO 109º FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 230 FT PER NM TO 5000 FOR ALL OTHER COURSES.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10R, POST 55' FROM DER, 204' RIGHT OF CENTERLINE, 15' AGL/85' MSL. MULTIPLE TREES BEGINNING 180' FROM DER, 295' RIGHT OF CENTERLINE, UP TO 105' AGL/194' MSL. MULTIPLE TREES BEGINNING 839' FROM DER, 81' LEFT OF CENTERLINE, UP TO 88'AGL/148' MSL.
NOTE: RWY 10L, MULTIPLE TREES BEGINNING 915' FROM DER, 598' RIGHT OF CENTERLINE, UP TO 87'AGL/167 MSL.
NOTE: RWY 28R, POLE 746' FROM DER, 700' RIGHT OF CENTERLINE, 40' AGL/133' MSL. POLE 1414' FROM DER, 624' RIGHT OF CENTERLINE, 40' AGL/133' MSL. MULTIPLE TREES BEGINNING 2069' FROM DER, 378' LEFT OF CENTERLINE, UP TO 74' AGL/173' MSL. BLDG 2176' FROM DER, 21' LEFT OF CENTERLINE, 56' AGL/151' MSL. (Continued)

(4) CONTROLLING OBSTACLES:

RWY 28L, 28R: 3642 MSL AAO 373027.00N-1212230.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
MODESTO, CA	MODESTO CITY-CO-HARRY SHAM FIELD	25 SEP 2008	5

QUALITY 1 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A)
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL.. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

(3) TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 28L, LT POLE 142' FROM DER, 519' LEFT OF CENTERLINE, 40' AGL/136' MSL. HANGAR 358' FROM DER, 306' LEFT OF CENTERLINE, 15' AGL/109' MSL. MULTIPLE TREES BEGINNING 745' FROM DER, 375' LEFT OF CENTERLINE, UP TO 79' AGL/173' MSL. MULTIPLE TREES, BLDG AND ANTENNA BEGINNING 1170' FROM DER 322' RIGHT OF CENTERLINE, UP TO 57' AGL/152 MSL.

City, State	Airport	Effective Date	Amdt. No.
MODESTO, CA	MODESTO CITY-CO-HARRY SHAM FIELD	25 SEP 2008	5

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**GPS**	**GPS RWY 15, ORIG, 11/04/1999**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**GPS**	**GPS RWY 33, ORIG, 11/04/1999**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RBL VORTAC	AXHEC (FO)	330.88 / 18.66	4500
BEIRA (IAF)	AXHEC (NOPT) (FB)	131.64 / 7.55	4500
HOMAN (IAF)	AXHEC (NOPT) (FB)	252.35 / 8.84	4500
AXHEC (IF/IAF)	GEBXA (FB)	151.07 / 10.00	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

CLIMB TO 3500 DIRECT TOWAN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 331.16 INBOUND.
CHART FAS OBST: 397 TREE 400952N/1221515W
CHART FAS OBST: 539 TREE 401105N/1221630W
739 AAO 401440N/1221647W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
WAAS CHANNEL # 73008
REFERENCE PATH ID: W15A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW AXHEC, RT, 151.07 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 151.09 FAF: GEBXA DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: AXHEC 4500, GEBXA 2000, VEBCU/2.00 NM TO RW15 1020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: GEBXA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW15 9300

MAG VAR: 17E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	602	1	250	602	1	250	602	1	250	602	1	250			
LNAV/VNAV DA	789	1 1/2	437	789	1 1/2	437	789	1 1/2	437	789	1 1/2	437			
LNAV MDA	820	1	468	820	1	468	820	1 1/4	468	820	1 1/2	468			
CIRCLING	840	1	488	840	1	488	840	1 1/2	488	920	2	568			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING REDDING ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	AIRPORT NAME: RED BLUFF MUNI	RNAV	RNAV (GPS) RWY 15, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RBL VORTAC VIA V195 EAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE REDDING ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, LNAV VISIBILITY 1/4 MILE CAT C AND D.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 15, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRBL
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	400930.0060N
LTP/FTP LONGITUDE	1221515.8350W
LTP/FTP ELLIPSOIDAL HEIGHT	+00772
FPAP LATITUDE	400802.7600N
FPAP LONGITUDE	1221451.9100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AAE99C6E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01058
FPAP ORTHOMETRIC HEIGHT	+01058

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        RBL   K2011570VTHA N40055607W122141089    N40055607W122141089E018000322      NARRED BLUFF
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   AXHEC K20    W     N40241126W122191857                    E0150     NAR          AXHEC
       SUSAEAENRT   BEIRA K20    C   L N40303854W122242724                    E0150     NAR          BEIRA
       SUSAEAENRT   GEBXA K20    W     N40142353W122163649                    E0150     NAR          GEBXA
       SUSAEAENRT   HOMAN K20    C   L N40241788W122074468                    E0150     NAR          HOMAN
       SUSAEAENRT   TOWAN K20    W     N39523705W122103897                    E0147     NAR          TOWAN
       SUSAEAENRT   VEBCU K20    W     N40112752W122154810                    E0150     NAR          VEBCU
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                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2ARBL     0     057YHN40090250W122150830E017000352        1800018000C    MNAR    RED BLUFF MUNI
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                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2FR15   ABEIRA 010BEIRAK2EA0E  A    IF                                                18000              A JS
       SUSAP KRBLK2FR15   ABEIRA 020AXHECK2EA0EE   010TF                    13160076    + 04500                          A JS
       SUSAP KRBLK2FR15   AHOMAN 010HOMANK2EA0E  A    IF                                                18000              A JS
       SUSAP KRBLK2FR15   AHOMAN 020AXHECK2EA0EE   010TF                    25240088    + 04500                          A JS
       SUSAP KRBLK2FR15   ARBL   010RBL  K2D 0V       IF                                                18000              A JS
       SUSAP KRBLK2FR15   ARBL   020AXHECK2EA0EY   020TF                    33090187    + 04500                          A JS
       SUSAP KRBLK2FR15   ARBL   030AXHECK2EA0EB CR   HF                    15110040    + 04500                          A JS
       SUSAP KRBLK2FR15   R       010AXHECK2EA0E  I    IF                                + 04500     18000                A JS
       SUSAP KRBLK2FR15   R       020GEBXAK2EA1E  F 051TF                    15110100    + 02000                RW15  K2PGA JS
       SUSAP KRBLK2FR15   R       020GEBXAK2EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
       SUSAP KRBLK2FR15   R       021VEBCUK2EA0E S  031TF                    15110030    V 0102001027       -300          A JS
       SUSAP KRBLK2FR15   R       030RW15 K2PG0GY M 031TF                    15110020      00387            -300          A JS
       SUSAP KRBLK2FR15   R       040TOWANK2EA0EYM  010DF                                + 03500                          A JS
       SUSAP KRBLK2FR15   R       050TOWANK2EA0EE HR020HM                    33120040    + 03500                          A JS
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                1         2         3         4         5         6         7         8         9         0         1         2         3
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CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 15, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRBLK2GRW15     0057001511 N40093001W122151584-0100     +007720034700004010OR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRBLK2PR15    RW15 001 0000W15A0N40093000060W12215158350+007720300N4008027600W122145191001067510160004000F400500AAE99C6E
        SUSAP KRBLK2PR15    RW15 002E       +01058+01058LPV       73008          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRBLK2SRW15 K2PG                0   18018009325                                                                        M
```

CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 15, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BEIRA	BEIRA	010	IAF	IF		FB				
	BEIRA	AXHEC	020		TF		FB	1.0	131.6(149T)	007.6	04500
	HOMAN	HOMAN	010	IAF	IF		FB				
	HOMAN	AXHEC	020		TF		FB	1.0	252.4(269T)	008.8	04500
	RBL	RBL	010		IF		FB				
	RBL	AXHEC	020		TF		FO	2.0	330.9(348T)	018.7	04500
	RBL	AXHEC	030		HF	R	FO		151.1(168T)	004.0	04500
		AXHEC	010	FACF	IF		FB				04500
		GEBXA	020	FAF	TF		FB	0.5	151.1(168T)	010.0	02000
		VEBCU	021	SDF	TF		FB	0.3	151.1(168T)	003.0	01020
		RW15	030	MAP	TF		FO	0.3	151.1(168T)	002.0	00387

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TOWAN	040		DF		FO	1.0			03500
	TOWAN	050		HM	R	FO	2.0	331.2(348T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RBL	N400556.07	W1221410.89	N4005.935	W12214.182
	AXHEC	N402411.26	W1221918.57	N4024.188	W12219.310
	BEIRA	N403038.54	W1222427.24	N4030.642	W12224.454
	GEBXA	N401423.53	W1221636.49	N4014.392	W12216.608
	HOMAN	N402417.88	W1220744.68	N4024.298	W12207.745
	TOWAN	N395237.05	W1221038.97	N3952.618	W12210.650
	VEBCU	N401127.52	W1221548.10	N4011.459	W12215.802
	RW15	N400930.01	W1221515.84	N4009.500	W12215.264

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00347	40

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 15, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RBL VORTAC	TOWAN (FO)	151.45 / 13.58	3500
HENLE	IMYIB (FB)	075.94 / 6.55	5800
IMYIB (IAF)	TOWAN (NOPT) (FB)	076.03 / 6.00	3500
GONGS (IAF)	TOWAN (NOPT) (FB)	306.76 / 9.93	3500
TOWAN (IF/IAF)	VIJIX (FB)	331.16 / 11.29	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

CLIMB TO 4000 DIRECT PUVGE AND VIA 028.09 TRACK TO HOMAN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 178.00 INBOUND.
CHART FAS OBST: 382 TREE 400814N/1221458W
FAS OBST: 524 AAO 400512N/1221454W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
WAAS CHANNEL # 42609
REFERENCE PATH ID: W33A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE TOWAN, RT, 331.16 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 331.12 FAF: VIJIX DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: TOWAN 3500, VIJIX 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: VIJIX OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW33 9300

MAG VAR: 17E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	602	1	250	602	1	250	602	1	250	602	1	250			
LNAV/VNAV DA	718	1 1/4	366	718	1 1/4	366	718	1 1/4	366	718	1 1/4	366			
LNAV MDA	780	1	428	780	1	428	780	1 1/4	428	780	1 1/2	428			
CIRCLING	840	1	488	840	1	488	840	1 1/2	488	920	2	568			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING REDDING ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	AIRPORT NAME: RED BLUFF MUNI	RNAV	RNAV (GPS) RWY 33, ORIG 25 SEP 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REDDING ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET AND INCREASE VISIBILITIES LPV 1/4 MILE ALL CATS, LNAV/VNAV 1/4 MILE ALL CATS, AND LNAV CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RBL VORTAC AIRWAY RADIALS 122 CW 185.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 33, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRBL
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	400834.8840N
LTP/FTP LONGITUDE	1221500.7075W
LTP/FTP ELLIPSOIDAL HEIGHT	+00761
FPAP LATITUDE	401002.1300N
FPAP LONGITUDE	1221524.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	15795565

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+01046
FPAP ORTHOMETRIC HEIGHT	+01046

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        RBL   K2011570VTHA N40055607W122141089    N40055607W122141089E018000322      NARRED BLUFF

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   GONGS K20    C   L N39443622W122030133                    E0147     NAR           GONGS
       SUSAEAENRT   HENLE K20    C   L N39531686W122265630                    E0147     NAR           HENLE
       SUSAEAENRT   HOMAN K20    C   L N40241788W122074468                    E0150     NAR           HOMAN
       SUSAEAENRT   IMYIB K20    W     N39525635W122182617                    E0147     NAR           IMYIB
       SUSAEAENRT   PUVGE K20    W     N40170016W122171963                    E0150     NAR           PUVGE
       SUSAEAENRT   TOWAN K20    W     N39523705W122103897                    E0147     NAR           TOWAN
       SUSAEAENRT   VIJIX K20    W     N40034067W122134009                    E0150     NAR           VIJIX

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2ARBL     0     057YHN40090250W122150830E017000352        1800018000C    MNAR    RED BLUFF MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2FR33   AGONGS 010GONGSK2EA0E  A    IF                                                  18000                A JS
       SUSAP KRBLK2FR33   AGONGS 020TOWANK2EA0EE   010TF                      30680099    + 03500                                A JS
       SUSAP KRBLK2FR33   AHENLE 010HENLEK2EA0E       IF                                                  18000                A JS
       SUSAP KRBLK2FR33   AHENLE 020IMYIBK2EA0E  A 020TF                      07590066    + 05800                                A JS
       SUSAP KRBLK2FR33   AHENLE 030TOWANK2EA0EE   010TF                      07600060    + 03500                                A JS
       SUSAP KRBLK2FR33   ARBL   010RBL  K2D 0V       IF                                                  18000                A JS
       SUSAP KRBLK2FR33   ARBL   020TOWANK2EA0E    020TF                      15150136    + 03500                                A JS
       SUSAP KRBLK2FR33   ARBL   030TOWANK2EA0EB CR   HF                      33120040    + 03500                                A JS
       SUSAP KRBLK2FR33   R      010TOWANK2EA0E  I    IF                                  + 03500     18000                    A JS
       SUSAP KRBLK2FR33   R      020VIJIXK2EA1E  F 051TF                      33120113    + 02000                 RW33  K2PGA JS
       SUSAP KRBLK2FR33   R      020VIJIXK2EA2WALPV       ALNAV/VNAV ALNAV                                                       JS
       SUSAP KRBLK2FR33   R      030RW33 K2PG0GY M 031TF                      33110050      00383                 -300          A JS
       SUSAP KRBLK2FR33   R      040PUVGEK2EA0E M  010DF                                                                      A JS
       SUSAP KRBLK2FR33   R      050HOMANK2EA0EY   010TF                      0281        + 04000                                A JS
       SUSAP KRBLK2FR33   R      060HOMANK2EA0EE HR020HM                      17800040    + 04000                                A JS
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CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	AIRPORT NAME: RED BLUFF MUNI	RNAV	RNAV (GPS) RWY 33, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2GRW33    0057003311 N40083488W122150071+0100    +0076100343000040100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2PR33   RW33 001 0000W33A0N4008348840W12215007075+007610300N4010021300W12215246600106751016000400F40050015795565
       SUSAP KRBLK2PR33   RW33 002E      +01046+01046LPV       42609          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KRBLK2SRW33 K2PG               0   18018009325                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 33, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GONGS	GONGS	010	IAF	IF		FB				
	GONGS	TOWAN	020		TF		FB	1.0	306.8(324T)	009.9	03500
	HENLE	HENLE	010		IF		FB				
	HENLE	IMYIB	020	IAF	TF		FB	2.0	075.9(093T)	006.6	05800
	HENLE	TOWAN	030		TF		FB	1.0	076.0(093T)	006.0	03500
	RBL	RBL	010		IF		FB				
	RBL	TOWAN	020		TF		FB	2.0	151.5(169T)	013.6	03500
	RBL	TOWAN	030		HF	R	FO		331.2(348T)	004.0	03500
		TOWAN	010	FACF	IF		FB				03500
		VIJIX	020	FAF	TF		FB	0.5	331.2(348T)	011.3	02000
		RW33	030	MAP	TF		FO	0.3	331.1(348T)	005.0	00383
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		PUVGE	040		DF		FB	1.0			
		HOMAN	050		TF		FO	1.0	028.1(045T)		04000
		HOMAN	060		HM	R	FO	2.0	178.0(195T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RBL	N400556.07	W1221410.89	N4005.935	W12214.182
	GONGS	N394436.22	W1220301.33	N3944.604	W12203.022
	HENLE	N395316.86	W1222656.30	N3953.281	W12226.938
	HOMAN	N402417.88	W1220744.68	N4024.298	W12207.745
	IMYIB	N395256.35	W1221826.17	N3952.939	W12218.436
	PUVGE	N401700.16	W1221719.63	N4017.003	W12217.327
	TOWAN	N395237.05	W1221038.97	N3952.618	W12210.650
	VIJIX	N400340.67	W1221340.09	N4003.678	W12213.668
	RW33	N400834.88	W1221500.71	N4008.581	W12215.012

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00343	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RED BLUFF, CA	**ELEVATION: 352 TDZE: 352** AIRPORT NAME: **RED BLUFF MUNI**	**RNAV**	**RNAV (GPS) RWY 33, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OBGEE/10.00 DME CCW (IAF)	JUGTU/10.00 DME (NOPT)	10.00 DME ARC	3000
SATNE/10.00 DME CW (IAF)	JUGTU/10.00 DME (NOPT)	10.00 DME ARC	4000
JUGTU/10.00 DME (IF)	RBL VORTAC	328.46 / 10.00	1200

MISSED APPROACH

MAP: 2.72 MILES AFTER RBL VORTAC OR AT RBL 2.72 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT RBL VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 341.00 INBOUND.
CHART FAS OBST: 489 TREE 400819N/1221627W
CHART RBL R-122 AT SATNE.
CHART RBL R-200 AT OBGEE.
CHART 2300 PRIOR TO RBL VORTAC IN PROFILE.
RBL VORTAC TO RW33: 2.83/40.

1. PT L SIDE OF COURSE 148.46 OUTBOUND 2100 FT WITHIN 10 MILES OF RBL VORTAC (IAF)
2.
3. FAC 328.46 FAF RBL VORTAC DIST FAF TO MAP 2.72 THLD 2.72
4. MIN. ALT RBL VORTAC 1200
8. MSA FROM: RBL VORTAC 360-090 7100, 090-180 5200, 180-270 9300, 270-360 5500

MAG VAR: 18E EPOCH YEAR: 1965

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-33	740	1	388	740	1	388	740	1	388	740	1 1/4	388			
CIRCLING	840	1	488	840	1	488	840	1 1/2	488	920	2	568			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REDDING ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND INCREASE VISIBILITIES S-33 CAT C AND D 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
RED BLUFF, CA	AIRPORT NAME: RED BLUFF MUNI	RBL	VOR RWY 33, AMDT 8 25 SEP 2008	AMDT 7
				DATE 01/03/2006

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RBL VORTAC	CABBE/9.00 DME	328.89 / 9.00	3000
HOMAN/19.00 DME CCW (IAF)	GIBGE/19.00 DME (NOPT)	19.00 DME ARC	3000
BEIRA/25.91 DME (IAF)	GIBGE/19.00 DME (NOPT)	100.00 / 2.70 (HDG) & 148.89 / 5.05 (RBL R-329)	3000
GIBGE/19.00 DME (IF)	CABBE/9.00 DME	148.89 / 10.00 (RBL R-329)	2100

MISSED APPROACH

MAP: RBL 3.66 DME FIX

CLIMB TO 2000 DIRECT RBL VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 341.00 INBOUND.
CHART FAS OBST: 579 TREE 401128N/1221724W
CHART RBL R-357 AT HOMAN.
CABBE TO RW15: 3.02/40.
CHART (FFMTR) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW CABBE, LT, 148.89 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC 148.89 FAF CABBE/9.00 DME DIST FAF TO MAP - THLD 5.34
4. MIN. ALT CABBE 2100, JABGU/5.90 DME 1080
8. MSA FROM: RBL VORTAC 360-090 7100, 090-180 5200, 180-270 9300, 270-360 5500

MAG VAR: 18E EPOCH YEAR:1965

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-15	840	1	488	840	1	488	840	1 1/4	488	840	1 1/2	488			
CIRCLING	840	1	488	840	1	488	840	1 1/2	488	920	2	568			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REDDING ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND INCREASE VISIBILITIES S-15 CAT C AND D 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 352 TDZE: 352	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
RED BLUFF, CA	AIRPORT NAME: RED BLUFF MUNI	RBL	VOR/DME RWY 15, AMDT 7 25 SEP 2008	AMDT 6
				DATE 06/08/2006

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TUGBY/12.82 DME/RADAR (IF)	JINYO/6.68 DME/RADAR	021.50 / 6.14 (I-DJK)	2700

MISSED APPROACH

ILS: DA
LOC: 5.36 MILES AFTER JINYO/6.68 DME/RADAR OR AT I-DJK 1.32 DME FIX

CLIMB TO 3000 VIA HEADING 022 AND OBK VOR/DME R-254 TO YEARN INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 VIA PLL VOR/DME R-085 TO SIMMN INT AND HOLD E, RT, 265.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 074.26 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD E SIMMN INT, RT, 265.00 INBOUND.
CHART FAS OBST: 1019 TREE 415519N/0884224W
CHART VDP AT 2.41 DME;
DISTANCE VDP TO THLD 1.08 MILES.
CHART IN PLANVIEW: SIMMN INT.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TUGBY
3. FAC: 021.50 FAF: JINYO/6.68 DME/RADAR DIST FAF TO MAP: 5.36 THLD: 5.36
4. MIN. ALT: TUGBY 2700, JINYO/6.68 DME/RADAR 2700, CETAN/4.30 DME/RADAR 1900*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1175
6. MIN GS INCPT: 2700 GS ALT AT: JINYO/6.68 DME/RADAR 2700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: DKB NDB 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 2	1113	3/4	200	1113	3/4	200	1113	3/4	200	1113	3/4	200			
S-LOC 2	1280	1	367	1280	1	367	1280	1	367	1280	1 1/4	367			
CIRCLING	1360	1	446	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART PLANVIEW NOTE: RADAR REQUIRED
*LOC ONLY
CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE AURORA ALTIMETER SETTING AND INCREASE
SEE 8260-10

CAT C, D 700-2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 914 TDZE: 913	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	I-DJK	ILS OR LOC RWY 2, ORIG 25 SEP 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
DA 95 FEET AND ALL MDA 80 FEET, INCREASE S-ILS 2 ALL CATS, S-LOC 2 CAT C AND D, AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: DME OR RADAR REQUIRED.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	ELEVATION: 914 TDZE: 913 AIRPORT NAME: DE KALB TAYLOR MUNI	I-DJK	ILS OR LOC RWY 2, ORIG 25 SEP 2008	AMDT: NONE DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 915 TDZE: 915** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**DJK**	**LOC/DME RWY 2, AMDT 1, 08/08/2002**	SUP AMDT **ORIG – A** DATE **02/22/2001**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUSLL	HERVY (FB)	156.11 / 13.33	2700
SWETT	JITUV (FB)	259.98 / 5.62	2700
KELSI (IAF)	TUGBY (FB)	027.83 / 20.53	2700
JITUV (IAF)	TUGBY (FB)	291.51 / 5.00	2700
HERVY (IAF)	TUGBY (FB)	111.37 / 5.48	2700
TUGBY (IF)	JINYO (FB)	021.44 / 6.14	2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

CLIMB TO 3000 DIRECT JUDVI AND VIA 057.22 TRACK TO YEARN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 057.22 INBOUND.
CHART FAS OBST: 1050 TOWER 415456N/0884154W
CHART 1383 TOWER 415233N/0884516W.
DISTANCE TO THLD FROM 294 HAT: 0.75 NM.
CHART VDP AT 1.34 MILES TO RW02* *LNAV ONLY.
WAAS CHANNEL # 58109
REFERENCE PATH ID: W02A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TUGBY
3. FAC: 021.47 FAF: JINYO DIST FAF TO MAP: 5.36 THLD: 5.36
4. MIN. ALT: TUGBY 2700, JINYO 2700, VIYUD/2.60 NM TO RW02 1800*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: JINYO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW02 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1207	1	294	1207	1	294	1207	1	294	1207	1	294			
LNAV/VNAV DA	1360	1 1/2	447	1360	1 1/2	447	1360	1 1/2	447	1360	1 1/2	447			
LNAV MDA	1360	1	447	1360	1	447	1360	1 1/4	447	1360	1 1/2	447			
CIRCLING	1360	1	446	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELSI VIA V9-128 SOUTHBOUND.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 914 TDZE: 913	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HERVY VIA V6 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SWETT VIA V171 SOUTHEAST BOUND.
***LNAV ONLY**
CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET; INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES, LNAV CATS C/D VISIBILITY, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	**ELEVATION: 914 TDZE: 913** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 2, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDKB
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	415539.4755N
LTP/FTP LONGITUDE	0884224.4250W
LTP/FTP ELLIPSOIDAL HEIGHT	+02452
FPAP LATITUDE	415644.9700N
FPAP LONGITUDE	0884153.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	343F7A8C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02782
FPAP ORTHOMETRIC HEIGHT	+02782

CITY AND STATE	ELEVATION: 914 TDZE: 913	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HERVY K50    C   L N41463810W088542651                      W0028     NAR           HERVY
        SUSAEAENRT   JINYO K50    W     N41503616W088444806                      W0028     NAR           JINYO
        SUSAEAENRT   JITUV K50    W     N41430873W088411429                      W0028     NAR           JITUV
        SUSAEAENRT   JUDVI K50    W     N42011687W088394415                      W0030     NAR           JUDVI
        SUSAEAENRT   KELSI K50    C   L N41262037W088592904                      W0028     NAR           KELSI
        SUSAEAENRT   RUSLL K50    C   L N41583829W089021342                      W0020     NAR           RUSLL
        SUSAEAENRT   SWETT K50    C   L N41441919W088335403                      W0028     NAR           SWETT
        SUSAEAENRT   TUGBY K50    W     N41444880W088473206                      W0028     NAR           TUGBY
        SUSAEAENRT   VIYUD K50    W     N41531236W088433415                      W0028     NAR           VIYUD
        SUSAEAENRT   YEARN K50    C   L N42043193W088332685                      W0030     NAR           YEARN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDKBK5ADKB      0     072YHN41560180W088422047W002000914         1800018000C    MNAR    DE KALB TAYLOR MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDKBK5FR02   AKELSI 010KELSIK5EA0E  A    IF                                          18000                A JS
        SUSAP KDKBK5FR02   AKELSI 020TUGBYK5EA0EE   010TF                    02780205    + 02700                       A JS
        SUSAP KDKBK5FR02   ARUSLL 010RUSLLK5EA0E       IF                                          18000                A JS
        SUSAP KDKBK5FR02   ARUSLL 020HERVYK5EA0E  A 020TF                    15610133    + 02700                       A JS
        SUSAP KDKBK5FR02   ARUSLL 030TUGBYK5EA0EE   010TF                    11140055    + 02700                       A JS
        SUSAP KDKBK5FR02   ASWETT 010SWETTK5EA0E       IF                                          18000                A JS
        SUSAP KDKBK5FR02   ASWETT 020JITUVK5EA0E  A 020TF                    26000056    + 02700                       A JS
        SUSAP KDKBK5FR02   ASWETT 030TUGBYK5EA0EE   010TF                    29150050    + 02700                       A JS
        SUSAP KDKBK5FR02   R      010TUGBYK5EA0E  I    IF                                 + 02700     18000             A JS
        SUSAP KDKBK5FR02   R      020JINYOK5EA1E  F 051TF                    02140061    + 02700                RW02  K5PGA JS
        SUSAP KDKBK5FR02   R      020JINYOK5EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KDKBK5FR02   R      021VIYUDK5EA0E S  031TF                    02150028    V 0180001802       -300      A JS
        SUSAP KDKBK5FR02   R      030RW02 K5PG0GY M 031TF                    02150026      00968            -300      A JS
        SUSAP KDKBK5FR02   R      040JUDVIK5EA0E M  010DF                                                           A JS
        SUSAP KDKBK5FR02   R      050YEARNK5EA0EY   010TF                    0572        + 03000                       A JS
        SUSAP KDKBK5FR02   R      060YEARNK5EA0EE HR020HM                    05720040    + 03000                       A JS
```

CITY AND STATE	ELEVATION: 914 TDZE: 913	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 2, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KDKBK5GRW02     0070260215 N41553948W088422443-0100     +0245200913000055100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KDKBK5PR02    RW02 001 0000W02A0N4155394755W08842244250+024520300N4156449700W088415337001067500000000550F400500343F7A8C
       SUSAP KDKBK5PR02    RW02 002E       +02782+02782LPV        58109           000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KDKBK5SRW02 K5PG                0   18018002625                                                                M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 914 TDZE: 913** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 2, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KELSI	KELSI	010	IAF	IF		FB				
	KELSI	TUGBY	020		TF		FB	1.0	027.8(026T)	020.5	02700
	RUSLL	RUSLL	010		IF		FB				
	RUSLL	HERVY	020	IAF	TF		FB	2.0	156.1(154T)	013.3	02700
	RUSLL	TUGBY	030		TF		FB	1.0	111.4(109T)	005.5	02700
	SWETT	SWETT	010		IF		FB				
	SWETT	JITUV	020	IAF	TF		FB	2.0	260.0(258T)	005.6	02700
	SWETT	TUGBY	030		TF		FB	1.0	291.5(290T)	005.0	02700
		TUGBY	010	FACF	IF		FB				02700
		JINYO	020	FAF	TF		FB	0.5	021.4(019T)	006.1	02700
		VIYUD	021	SDF	TF		FB	0.3	021.5(020T)	002.8	01800
		RW02	030	MAP	TF		FO	0.3	021.5(020T)	002.6	00968

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JUDVI	040		DF		FB	1.0			
	YEARN	050		TF		FO	1.0	057.2(055T)		03000
	YEARN	060		HM	R	FO	2.0	057.2(055T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HERVY	N414638.10	W0885426.51	N4146.635	W08854.442
	JINYO	N415036.16	W0884448.06	N4150.603	W08844.801
	JITUV	N414308.73	W0884114.29	N4143.146	W08841.238
	JUDVI	N420116.87	W0883944.15	N4201.281	W08839.736
	KELSI	N412620.37	W0885929.04	N4126.340	W08859.484
	RUSLL	N415838.29	W0890213.42	N4158.638	W08902.224
	SWETT	N414419.19	W0883354.03	N4144.320	W08833.901
	TUGBY	N414448.80	W0884732.06	N4144.813	W08847.534
	VIYUD	N415312.36	W0884334.15	N4153.206	W08843.569
	YEARN	N420431.93	W0883326.85	N4204.532	W08833.448
	RW02	N415539.48	W0884224.43	N4155.658	W08842.407

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00913	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	**ELEVATION: 914 TDZE: 913** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 2, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHOOF (IAF)	CASHO (FB)	027.86 / 11.56	2500
RUSLL (IAF)	CASHO (FB)	133.00 / 4.47	2500
CASHO (IF)	KRONE (FB)	091.72 / 6.10	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 3000 DIRECT OPIKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 272.05 INBOUND.
CHART FAS OBST: 964 TREE 415541N/0884331W
CHART FAS OBST: 1146 TOWER 415600N/0884539W
DISTANCE TO THLD FROM 274 HAT: 0.72 NM.
CHART VDP AT 1.63 MILES TO RW09* *LNAV ONLY.
WAAS CHANNEL # 82208
REFERENCE PATH ID: W09A
CHART ARPT ELEV 914.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CASHO
3. FAC: 091.81 FAF: KRONE DIST FAF TO MAP: 4.78 THLD: 4.78
4. MIN. ALT: CASHO 2500, KRONE 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: KRONE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW09 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1186	1	274	1186	1	274	1186	1	274	1186	1	274			
LNAV/VNAV DA	1543	2 1/4	631	1543	2 1/4	631	1543	2 1/4	631	1543	2 1/4	631			
LNAV MDA	1460	1	548	1460	1	548	1460	1 1/2	548	1460	1 3/4	548			
CIRCLING	1460	1	546	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 914 TDZE: 912	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 9, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 10/30/2003

QUALITY CHECKED 2

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHOOF VIA V9-128 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUSLL VIA V172 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET; INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES, LNAV CATS C/D VISIBILITY, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 914 TDZE: 912** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **10/30/2003**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDKB
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	415544.3855N
LTP/FTP LONGITUDE	0884307.5960W
LTP/FTP ELLIPSOIDAL HEIGHT	+02448
FPAP LATITUDE	415544.5600N
FPAP LONGITUDE	0884108.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1482E782

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02778
FPAP ORTHOMETRIC HEIGHT	+02778

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	ELEVATION: 914 TDZE: 912 AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 9, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 10/30/2003

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CASHO K50    W     N41554210W088574216                    W0028     NAR           CASHO
          SUSAEAENRT   KRONE K50    W     N41554361W088493212                    W0028     NAR           KRONE
          SUSAEAENRT   OPIKE K50    W     N41554481W088274282                    W0028     NAR           OPIKE
          SUSAEAENRT   RUSLL K50    C   L N41583829W089021342                    W0020     NAR           RUSLL
          SUSAEAENRT   SHOOF K50    C   L N41451806W089042729                    W0020     NAR           SHOOF

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5ADKB     0     072YHN41560180W088422047W002000914         1800018000C    MNAR    DE KALB TAYLOR MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5FR09   ARUSLL 010RUSLLK5EA0E  A    IF                                          18000                A  S
          SUSAP KDKBK5FR09   ARUSLL 020CASHOK5EA0EE   010TF                    13300045    + 02500                      A  S
          SUSAP KDKBK5FR09   ASHOOF 010SHOOFK5EA0E  A    IF                                          18000                A  S
          SUSAP KDKBK5FR09   ASHOOF 020CASHOK5EA0EE   010TF                    02790116    + 02500                      A  S
          SUSAP KDKBK5FR09   R      010CASHOK5EA0E  I    IF                                + 02500   18000                A  S
          SUSAP KDKBK5FR09   R      020KRONEK5EA1E  F 051TF                    09170061    + 02500                RW09  K5PGA  S
          SUSAP KDKBK5FR09   R      020KRONEK5EA2WALPV       ALNAV/VNAV ALNAV                                              S
          SUSAP KDKBK5FR09   R      030RW09 K5PG0GY M 031TF                    09180048      00956          -300          A  S
          SUSAP KDKBK5FR09   R      040OPIKEK5EA0EYM  010DF                               + 03000                      A  S
          SUSAP KDKBK5FR09   R      050OPIKEK5EA0EE HR020HM                    27210040    + 03000                      A  S

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5GRW09    0042010919 N41554439W088430760+0000    +0244800911000045075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5PR09   RW09 001 0000W09A0N4155443855W08843075960+024480300N4155445600W088410823001067514720004 50F4005001482E782
          SUSAP KDKBK5PR09   RW09 002E      +02778+02778LPV       82208          000
```

CITY AND STATE	ELEVATION: 914 TDZE: 912	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 25 SEP 2008	AMDT: **ORIG** ALIV DATED: **10/30/2003** 2

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDKBK5SRW09 K5PG              0   18018002625                                                          M
```

CITY AND STATE	ELEVATION: 914 TDZE: 912	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 9, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 10/30/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RUSLL	RUSLL	010	IAF	IF		FB				
	RUSLL	CASHO	020		TF		FB	1.0	133.0(131T)	004.5	02500
	SHOOF	SHOOF	010	IAF	IF		FB				
	SHOOF	CASHO	020		TF		FB	1.0	027.9(026T)	011.6	02500
		CASHO	010	FACF	IF		FB				02500
		KRONE	020	FAF	TF		FB	0.5	091.7(090T)	006.1	02500
		RW09	030	MAP	TF		FO	0.3	091.8(090T)	004.8	00956

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OPIKE	040		DF		FO	1.0			03000
	OPIKE	050		HM	R	FO	2.0	272.1(270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CASHO	N415542.10	W0885742.16	N4155.702	W08857.703
	KRONE	N415543.61	W0884932.12	N4155.727	W08849.535
	OPIKE	N415544.81	W0882742.82	N4155.747	W08827.714
	RUSLL	N415833.29	W0890213.42	N4158.638	W08902.224
	SHOOF	N414518.06	W0890427.29	N4145.301	W08904.455
	RW09	N415544.39	W0884307.60	N4155.740	W08843.127

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00911	45

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 914 TDZE: 912** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **10/30/2003**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUSLL	JULOX (FB)	045.30 / 15.61	3000
SWETT	RUYOB (FB)	008.59 / 21.25	3000
FARMM (IAF)	POYIV (FB)	223.34 / 17.34	3000
JULOX (IAF)	POYIV (FB)	111.44 / 8.59	3000
RUYOB (IAF)	POYIV (FB)	291.63 / 5.00	3000
POYIV (IF)	JUDVI (FB)	201.56 / 6.19	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 2700 DIRECT TUGBY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 021.44 INBOUND.
CHART FAS OBST: 1019 TREE 415716N/0884219W
CHART 1134 TOWER 415921N/0884100W.
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.22 MILES TO RW20* *LNAV ONLY.
WAAS CHANNEL # 50409
REFERENCE PATH ID: W20A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT POYIV
3. FAC: 201.53 FAF: JUDVI DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: POYIV 3000, JUDVI 2500, OCIRU/2.00 NM TO RW20 1580*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: JUDVI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW20 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1155	3/4	250	1155	3/4	250	1155	3/4	250	1155	3/4	250			
LNAV/VNAV DA	1430	1 3/4	525	1430	1 3/4	525	1430	1 3/4	525	1430	1 3/4	525			
LNAV MDA	1320	1	415	1320	1	415	1320	1 1/4	415	1320	1 1/4	415			
CIRCLING	1360	1	446	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 914 TDZE: 905	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 20, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY 2 RECEIVED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUSLL VIA V172 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SWETT VIA V171 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JULOX VIA V177 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET; INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES, LNAV CAT D VISIBILITY, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 914 TDZE: 905	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDKB
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	415644.9070N
LTP/FTP LONGITUDE	0884153.3940W
LTP/FTP ELLIPSOIDAL HEIGHT	+02424
FPAP LATITUDE	415520.8900N
FPAP LONGITUDE	0884233.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	35EACDDB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02754
FPAP ORTHOMETRIC HEIGHT	+02754

CITY AND STATE	ELEVATION: 914 TDZE: 905	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 20, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FARMM K50    C   L N42200958W088213392                      W0030     NAR           FARMM
        SUSAEAENRT   JUDVI K50    W     N42011687W088394415                      W0030     NAR           JUDVI
        SUSAEAENRT   JULOX K50    C   L N42095918W088474991                      W0030     NAR           JULOX
        SUSAEAENRT   OCIRU K50    W     N41583806W088405966                      W0028     NAR           OCIRU
        SUSAEAENRT   POYIV K50    W     N42070717W088365721                      W0030     NAR           POYIV
        SUSAEAENRT   RUSLL K50    C   L N41583829W089021342                      W0020     NAR           RUSLL
        SUSAEAENRT   RUYOB K50    W     N42052652W088303753                      W0030     NAR           RUYOB
        SUSAEAENRT   SWETT K50    C   L N41441919W088335403                      W0028     NAR           SWETT
        SUSAEAENRT   TUGBY K50    W     N41444880W088473206                      W0028     NAR           TUGBY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDKBK5ADKB      0     072YHN41560180W088422047W002000914        1800018000C    MNAR    DE KALB TAYLOR MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDKBK5FR20   AFARMM 010FARMMK5EA0E  A    IF                                          18000                A JS
        SUSAP KDKBK5FR20   AFARMM 020POYIVK5EA0EE   010TF                    22330173    + 03000                      A JS
        SUSAP KDKBK5FR20   ARUSLL 010RUSLLK5EA0E       IF                                          18000                A JS
        SUSAP KDKBK5FR20   ARUSLL 020JULOXK5EA0E  A 020TF                    04530156    + 03000                      A JS
        SUSAP KDKBK5FR20   ARUSLL 030POYIVK5EA0EE   010TF                    11140086    + 03000                      A JS
        SUSAP KDKBK5FR20   ASWETT 010SWETTK5EA0E       IF                                          18000                A JS
        SUSAP KDKBK5FR20   ASWETT 020RUYOBK5EA0E  A 020TF                    00860213    + 03000                      A JS
        SUSAP KDKBK5FR20   ASWETT 030POYIVK5EA0EE   010TF                    29160050    + 03000                      A JS
        SUSAP KDKBK5FR20   R      010POYIVK5EA0E  I    IF                                 + 03000     18000            A JS
        SUSAP KDKBK5FR20   R      020JUDVIK5EA1E  F 051TF                    20160062    + 02500                RW20  K5PGA JS
        SUSAP KDKBK5FR20   R      020JUDVIK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KDKBK5FR20   R      021OCIRUK5EA0E S  031TF                    20150028    V 0158001590       -300          A JS
        SUSAP KDKBK5FR20   R      030RW20 K5PG0GY M 031TF                    20150020      00949            -300          A JS
        SUSAP KDKBK5FR20   R      040TUGBYK5EA0EYM  010DF                                + 02700                      A JS
        SUSAP KDKBK5FR20   R      050TUGBYK5EA0EE HR020HM                    02140040    + 02700                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 914 TDZE: 905	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
----------------------------------------------------------------------------------------------------------------------------
SUSAP KDKBK5GRW20    0070262015 N41564491W088415339+0100    +024240090400004510OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------
SUSAP KDKBK5PR20   RW20 001 0000W20A0N4156449070W08841533940+024240300N4155208900W088423325001067506080004 50F40050035EACDDB
SUSAP KDKBK5PR20   RW20 002E      +02754+02754LPV       50409          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------
SUSAP KDKBK5SRW20 K5PG               0   18018002625                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	ELEVATION: 914 TDZE: 905 AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 20, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FARMM	FARMM	010	IAF	IF		FB				
	FARMM	POYIV	020		TF		FB	1.0	223.3(221T)	017.3	03000
	RUSLL	RUSLL	010		IF		FB				
	RUSLL	JULOX	020	IAF	TF		FB	2.0	045.3(043T)	015.6	03000
	RUSLL	POYIV	030		TF		FB	1.0	111.4(109T)	008.6	03000
	SWETT	SWETT	010		IF		FB				
	SWETT	RUYOB	020	IAF	TF		FB	2.0	008.6(007T)	021.3	03000
	SWETT	POYIV	030		TF		FB	1.0	291.6(290T)	005.0	03000
		POYIV	010	FACF	IF		FB				03000
		JUDVI	020	FAF	TF		FB	0.5	201.6(200T)	006.2	02500
		OCIRU	021	SDF	TF		FB	0.3	201.5(200T)	002.8	01580
		RW20	030	MAP	TF		FO	0.3	201.5(200T)	002.0	00949

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TUGBY	040		DF		FO	1.0			02700
	TUGBY	050		HM	R	FO	2.0	021.4(019T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FARMM	N422009.58	W0882133.92	N4220.160	W08821.565
	JUDVI	N420116.87	W0883944.15	N4201.281	W08839.736
	JULOX	N420959.18	W0884749.91	N4209.986	W08847.832
	OCIRU	N415838.06	W0884059.66	N4158.634	W08840.994
	POYIV	N420707.17	W0883657.21	N4207.120	W08836.954
	RUSLL	N415838.29	W0890213.42	N4158.638	W08902.224
	RUYOB	N420526.52	W0883037.53	N4205.442	W08830.626
	SWETT	N414419.19	W0883354.03	N4144.320	W08833.901
	TUGBY	N414448.80	W0884732.06	N4144.813	W08847.534
	RW20	N415644.91	W0884153.39	N4156.749	W08841.890

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00904	45

CITY AND STATE	ELEVATION: 914 TDZE: 905	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FARMM	PALID (FB)	195.95 / 18.98	3000
SWETT	CESBO (FB)	037.72 / 7.91	3000
PALID (IAF)	OPIKE (FB)	182.05 / 5.98	3000
CESBO (IAF)	OPIKE (FB)	002.05 / 5.00	3000
OPIKE (IF)	WAVBI (FB)	272.05 / 6.03	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 3000 DIRECT JADIS AND VIA 304.72 TRACK TO SIMMN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 304.72 INBOUND.
CHART FAS OBST: 1019 TREE 415600N/0884203W
1079 AAO 415449N/0883620W.
CHART 1050 TOWER 415456N/0884154W.
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.34 MILES TO RW27* *LNAV ONLY.
WAAS CHANNEL # 72709
REFERENCE PATH ID: W27A
CHART ARPT ELEV 914.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OPIKE
3. FAC: 271.96 FAF: WAVBI DIST FAF TO MAP: 4.78 THLD: 4.78
4. MIN. ALT: OPIKE 3000, WAVBI 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: WAVBI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM: RW27 2600

MAG VAR: 2W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1162	3/4	250	1162	3/4	250	1162	3/4	250	1162	3/4	250			
LNAV/VNAV DA	1317	1 1/2	405	1317	1 1/2	405	1317	1 1/2	405	1317	1 1/2	405			
LNAV MDA	1360	1	448	1360	1	448	1360	1 1/4	448	1360	1 1/2	448			
CIRCLING	1360	1	446	1480	1	566	1540	1 3/4	626	1540	2	626			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 914 TDZE: 912	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 27, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 10/30/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: VDP NA WHEN USING AURORA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET; INCREASE ALL LPV AND LNAV/VNAV VISIBILITIES, LNAV CATS C/D VISIBILITY, AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 914 TDZE: 912	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 1** 25 SEP 2008	AMDT: **ORIG**
				DATED: **10/30/2003**

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDKB
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	415544.4725N
LTP/FTP LONGITUDE	0884212.0175W
LTP/FTP ELLIPSOIDAL HEIGHT	+02448
FPAP LATITUDE	415544.2800N
FPAP LONGITUDE	0884411.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5DE84DA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02779
FPAP ORTHOMETRIC HEIGHT	+02779

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ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CESBO K50    W     N41504468W088274317                    W0028     NAR           CESBO
          SUSAEAENRT   FARMM K50    C   L N42200958W088213392                    W0030     NAR           FARMM
          SUSAEAENRT   JADIS K50    W     N41554403W088461317                    W0028     NAR           JADIS
          SUSAEAENRT   OPIKE K50    W     N41554481W088274282                    W0028     NAR           OPIKE
          SUSAEAENRT   PALID K50    C     N42014368W088274240                    W0030     NAR           PALID
          SUSAEAENRT   SIMMN K50    C   L N41585047W088524240                    W0028     NAR           SIMMN
          SUSAEAENRT   SWETT K50    C   L N41441919W088335403                    W0028     NAR           SWETT
          SUSAEAENRT   WAVBI K50    W     N41554484W088354757                    W0028     NAR           WAVBI

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5ADKB     0     072YHN41560180W088422047W002000914         1800018000C     MNAR     DE KALB TAYLOR MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5FR27   AFARMM 010FARMMK5EA0E       IF                                          18000                A JS
          SUSAP KDKBK5FR27   AFARMM 020PALIDK5EA0E  A 020TF                    19600190    + 03000                       A JS
          SUSAP KDKBK5FR27   AFARMM 030OPIKEK5EA0EE   010TF                    18210060    + 03000                       A JS
          SUSAP KDKBK5FR27   ASWETT 010SWETTK5EA0E       IF                                          18000                A JS
          SUSAP KDKBK5FR27   ASWETT 020CESBOK5EA0E  A 020TF                    03770079    + 03000                       A JS
          SUSAP KDKBK5FR27   ASWETT 030OPIKEK5EA0EE   010TF                    00210050    + 03000                       A JS
          SUSAP KDKBK5FR27   R      010OPIKEK5EA0E  I    IF                                + 03000     18000             A JS
          SUSAP KDKBK5FR27   R      020WAVBIK5EA1E  F 051TF                    27210060    + 02500               RW27  K5PGA JS
          SUSAP KDKBK5FR27   R      020WAVBIK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
          SUSAP KDKBK5FR27   R      030RW27 K5PGOGY M 031TF                    27200048      00957          -300         A JS
          SUSAP KDKBK5FR27   R      040JADISK5EA0E M  010DF                                                            A JS
          SUSAP KDKBK5FR27   R      050SIMMNK5EA0EY   010TF                    3047        + 03000                       A JS
          SUSAP KDKBK5FR27   R      060SIMMNK5EA0EE HR020HM                    30470040    + 03000                       A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDKBK5GRW27    0042012719 N41554447W088421202+0000    +0244800912000045075R
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	ELEVATION: 914 TDZE: 912 AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 27, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 10/30/2003

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```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KDKBK5PR27   RW27 001 0000W27A0N4155444725W08842120175+024480300N4155442800W088441139001067500240004 50F400500F4E353E1
    SUSAP KDKBK5PR27   RW27 002E      +02779+02779LPV       72709          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KDKBK5SRW27 K5PG              0   18018002625                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 914 TDZE: 912** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **10/30/2003**

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FARMM	FARMM	010		IF		FB				
	FARMM	PALID	020	IAF	TF		FB	2.0	196.0(194T)	019.0	03000
	FARMM	OPIKE	030		TF		FB	1.0	182.1(180T)	006.0	03000
	SWETT	SWETT	010		IF		FB				
	SWETT	CESBO	020	IAF	TF		FB	2.0	037.7(036T)	007.9	03000
	SWETT	OPIKE	030		TF		FB	1.0	002.1(000T)	005.0	03000
		OPIKE	010	FACF	IF		FB				03000
		WAVBI	020	FAF	TF		FB	0.5	272.1(270T)	006.0	02500
		RW27	030	MAP	TF		FO	0.3	272.0(270T)	004.8	00957

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JADIS	040		DF		FB	1.0			
	SIMMN	050		TF		FO	1.0	304.7(303T)		03000
	SIMMN	060		HM	R	FO	2.0	304.7(303T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CESBO	N415044.68	W0882743.17	N4150.745	W08827.720
	FARMM	N422009.58	W0882133.92	N4220.160	W08821.565
	JADIS	N415544.03	W0884613.17	N4155.734	W08846.220
	OPIKE	N415544.81	W0882742.82	N4155.747	W08827.714
	PALID	N420143.68	W0882742.40	N4201.728	W08827.707
	SIMMN	N415850.47	W0885242.40	N4158.841	W08852.707
	SWETT	N414419.19	W0883354.03	N4144.320	W08833.901
	WAVBI	N415544.84	W0883547.57	N4155.747	W08835.793
	RW27	N415544.47	W0884212.02	N4155.741	W08842.200

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00912	45

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DE KALB, IL	ELEVATION: 914 TDZE: 912 AIRPORT NAME: DE KALB TAYLOR MUNI	RNAV	RNAV (GPS) RWY 27, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 10/30/2003

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DE KALB, IL	**ELEVATION: 914 TDZE: 912** AIRPORT NAME: **DE KALB TAYLOR MUNI**	**DPA**	**VOR/DME OR GPS RWY 27, AMDT 5C, 02/22/2002**	SUP AMDT **5B** DATE **12/20/2000**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VHP VORTAC (IAF)	YABUD INT	078.41 / 5.57	3000
YABUD INT (IF)	PIPTE INT	002.47 / 6.14 (I-TYQ)	2700

MISSED APPROACH

ILS: DA
LOC: 5.33 MILES AFTER PIPTE INT

CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 160 TO I-TYQ LOC SOUTH COURSE TO PIPTE INT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 002.47 INBOUND.
CHART FAS OBST: 1085 TOWER 395615N/0861435W
CHART 1192 TOWER 395518N/0861525W.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YABUD
3. FAC: 002.47 FAF: PIPTE INT DIST FAF TO MAP: 5.33 THLD: 5.33
4. MIN. ALT: YABUD 3000, PIPTE 2700
5. DIST TO THLD FROM OM: 5.33 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 2700 GS ALT AT: PIPTE INT OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 52.5
8. MSA FROM: VHP VORTAC 3100

MAG VAR: 3W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36	1122	3/4	200	1122	3/4	200	1122	3/4	200	1122	3/4	200			
S-LOC 36	1340	1	418	1340	1	418	1340	1 1/4	418	1340	1 1/4	418			
CIRCLING	1360	1	438	1380	1	458	1380	1 1/2	458	1480	2	558			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND SEE 8260-10

CITY AND STATE	ELEVATION: 922 TDZE: 922	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 36
INDIANAPOLIS, IN	AIRPORT NAME: INDIANAPOLIS EXECUTIVE	I-TYQ	ILS OR LOC RWY 36, AMDT 5 25 SEP 2008	AMDT: 4 DATED 01/06/1994

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
INCREASE ALL DA 61 FEET AND ALL S-ILS VISIBILITIES 1/4 MILE, INCREASE ALL MDA 80 FEET, AND S-LOC CAT D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VHP VORTAC AIRWAY RADIALS 037 CW 136.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN	**ELEVATION: 922 TDZE: 922** AIRPORT NAME: **INDIANAPOLIS EXECUTIVE**	**I-TYQ**	**ILS OR LOC RWY 36, AMDT 5** 25 SEP 2008	SUP: **ILS RWY 36** AMDT: **4** DATED: **01/06/1994**

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ADVAY (IAF) (40E) (43A)	WOREL (TF) (FB)(RNP 1.00) (40E)	142.29/4.51	2500
WOREL (IF)(40E)(43I)	JERNO (TF)(FB)(RNP1.00)(40E) (43F)	136.44/6.06	2500
JERNO (FAF)(40E)(43F)	RW14 (TF)(FO)(40G)(43M)	136.50/5.14	
RW14 (MAP)(40G)(43M)	TEKNE (TF)(FO)(RNP1.00)(40E) (41E)(43H)	136.55/12.97	2700

MISSED APPROACH

MAP: DA

CLIMB TO 2700 VIA 136.55 TRACK TO TEKNE AND HOLD

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 316.68 INBOUND
CHART FAS OBST: 858 TREE 394434N/0861810W
DIST TO THLD FROM 297 HAT: 0.80 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
*TCH 839.4 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WOREL
3. FAC: 136.50 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WOREL 2500
5. DIST TO THLD FROM OM: 5.14 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: JERNO 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.1* 34:1 IS CLEAR
8. MSA FROM: RW14 3100

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.22 DA	1093	2400	297	1093	2400	297	1093	2400	297	1093	2400	297			
RNP 0.30 DA	1172	4000	376	1172	4000	376	1172	4000	376	1172	4000	376			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.22 VISIBILITY TO RVR 5000 AND RNP 0.30 VISIBILITY TO RVR 6000.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ADVAY VIA V24-128-399 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 797 TDZE: 796 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
INDIANAPOLIS, IN	INDIANAPOLIS INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 14, ORIG-A	AMDT: ORIG DATE 31 JUL 2008

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ILQUP (IAF)	YEBVI (NOPT) (FB)	262.46 / 5.00	5100
OFVEX (IAF)	YEBVI (NOPT) (FB)	082.32 / 5.00	5100
YEBVI (IF)	UKDAW (FB)	172.39 / 6.33	4800

MISSED APPROACH

LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 5200 DIRECT IKBUW AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 352.39 INBOUND.
CHART FAS OBST: 3369 TREE 393009N/1010354W
CHART FAS OBST: 3329 TREE, 392655N-1010332W
CHART 3409' TREE 393057.75N-1010409.01W
DISTANCE TO THLD FROM 449 HAT: 1.28 NM.
CHART: TDZ ELEVATION 3187
CHART: THRESHOLD ELEVATION 3187

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N YEBVI, RT, 172.39 INBOUND, 5100 FT. IN LIEU OF PT (IAF)
3. FAC: 172.39 FAF: UKDAW DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: YEBVI 5100, UKDAW 4800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4800 GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 8E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	3636	1 1/2	449	3636	1 1/2	449	3636	1 1/2	449		NA				
LNAV MDA	3620	1	433	3620	1	433	3620	1 1/4	433		NA				
CIRCLING	3640	1	453	3640	1	453	3640	1 1/2	453		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GOODLAND ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 3187 TDZE: 3187	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 07/12/2001

NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE DA 136 FEET, INCREASE ALL MDA 140 FEET AND INCREASE LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS, LNAV VISIBILITY CAT C 1/4 MILE.

TAA

	FROM	TO	ALT
1.	082/30 CW 262/30 (NOPT)	YEBVI (IF/IAF) (FB)	5100
2.	262/30 CW 352/30	ILQUP (IAF) (FB)	5100
3.	352/30 CW 082/30	352/17 CW 082/17	5700
	352/17 CW 082/17	OFVEX (IAF) (FB)	5100

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	ELEVATION: 3187 TDZE: 3187 AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 07/12/2001

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ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IKBUW K30    W     N39140987W101030012                    E0069     NAR           IKBUW
        SUSAEAENRT   ILQUP K30    W     N39371728W100561969                    E0063     NAR           ILQUP
        SUSAEAENRT   OFVEX K30    W     N39372136W101091617                    E0069     NAR           OFVEX
        SUSAEAENRT   UKDAW K30    W     N39305956W101025128                    E0069     NAR           UKDAW
        SUSAEAENRT   YEBVI K30    W     N39371950W101024793                    E0069     NAR           YEBVI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3ACBK     0     051YHN39253880W101024780E008003187         1800018000C    MNAR    SHALZ FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3FR17   AILQUP 010ILQUPK3EA0E  A    IF                                                18000               B JS
        SUSAP KCBKK3FR17   AILQUP 020YEBVIK3EA0EE   010TF                    26250050    + 05100                           B JS
        SUSAP KCBKK3FR17   AOFVEX 010OFVEXK3EA0E  A    IF                                                18000               B JS
        SUSAP KCBKK3FR17   AOFVEX 020YEBVIK3EA0EE   010TF                    08230050    + 05100                           B JS
        SUSAP KCBKK3FR17   AYEBVI 010YEBVIK3EA0EE CR   HF                     17240060    + 05100    18000                  B JS
        SUSAP KCBKK3FR17   R       010YEBVIK3EA0E  I    IF                               + 05100    18000                  B JS
        SUSAP KCBKK3FR17   R       020UKDAWK3EA1E  F 051TF                    17240063    + 04800                           B JS
        SUSAP KCBKK3FR17   R       020UKDAWK3EA2WN          ALNAV/VNAV ALNAV                                             JS
        SUSAP KCBKK3FR17   R       030RW17 K3PG0GY M 031TF                    17240049      03227            -300          B JS
        SUSAP KCBKK3FR17   R       040IKBUWK3EA0EYM  010TF                              + 05200                           B JS
        SUSAP KCBKK3FR17   R       050IKBUWK3EA0EE HR020HM                    35240060    + 05200                           B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3GRW17    0051101724 N39260694W101025385-0600    +0947003187000040075R
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CITY AND STATE	ELEVATION: 3187 TDZE: 3187	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 07/12/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ILQUP	ILQUP	010	IAF	IF		FB				
	ILQUP	YEBVI	020		TF		FB	1.0	262.5(271T)	005.0	05100
	OFVEX	OFVEX	010	IAF	IF		FB				
	OFVEX	YEBVI	020		TF		FB	1.0	082.3(090T)	005.0	05100
	YEBVI	YEBVI	010		HF	R	FB		172.4(180T)	006.0	05100
		YEBVI	010	FACF	IF		FB				05100
		UKDAW	020	FAF	TF		FB	0.5	172.4(180T)	006.3	04800
		RW17	030	MAP	TF		FO	0.3	172.4(180T)	004.9	03227

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IKBUW	040		TF		FO	1.0			05200
	IKBUW	050		HM	R	FO	2.0	352.4(000T)	006.0	05200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IKBUW	N391409.87	W1010300.12	N3914.165	W10103.002
	ILQUP	N393717.28	W1005619.69	N3937.288	W10056.328
	OFVEX	N393721.36	W1010916.17	N3937.356	W10109.270
	UKDAW	N393059.56	W1010251.28	N3930.993	W10102.855
	YEBVI	N393719.50	W1010247.93	N3937.325	W10102.799
	RW17	N392606.94	W1010253.85	N3926.116	W10102.898

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	03187	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:	
COLBY, KS	**ELEVATION: 3187 TDZE: 3187** AIRPORT NAME: **SHALZ FIELD**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT:	**ORIG**
				DATED:	**07/12/2001**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EYVAG (IAF)	IKBUW (NOPT) (FB)	082.32 / 5.00	5200
KEKXU (IAF)	IKBUW (NOPT) (FB)	262.46 / 5.00	5200
IKBUW (IF/IAF)	VOFWE (FB)	352.39 / 6.15	4800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 5100 DIRECT YEBVI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 172.39 INBOUND.
CHART FAS OBST: 3495 TOWER 392329N/1010428W
CHART FAS OBST: 3259 TREE 392439N/1010332W.
CHART: 3590 TOWER 392217N/1010339W.
DISTANCE TO THLD FROM 250 HAT: 0.70 NM.
CHART VDP AT 1.37 MILES TO RW35* *LNAV ONLY.
WAAS CHANNEL # 81909
REFERENCE PATH ID: W35A
CHART: TDZ ELEVATION 3175
CHART: FIELD ELEVATION 3187

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S IKBUW, RT, 352.39 INBOUND, 5200 FT. IN LIEU OF PT (IAF)
3. FAC: 352.39 FAF: VOFWE DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: IKBUW 5200, VOFWE 4800, LOGIY/2.80 NM TO RW35 4100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4800 GS ALT AT: VOFWE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.2 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 8E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3425	1	250	3425	1	250	3425	1	250		NA				
LNAV/VNAV DA	3554	1 1/2	379	3554	1 1/2	379	3554	1 1/2	379		NA				
LNAV MDA	3640	1	465	3640	1	465	3640	1 1/4	465		NA				
CIRCLING	3640	1	453	3640	1	453	3640	1 1/2	453		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
COLBY, KS	ELEVATION: 3187 TDZE: 3175 AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED 07/12/2001

NOTES CONT.
*LNAV ONLY
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GOODLAND ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GOODLAND ALTIMETER SETTING AND INCREASE ALL DA 136 FEET, AND ALL MDA 140 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE AND LNAV CAT C VISIBILITY 1/2 MILE.

TAA

	FROM	TO	ALT
1.	262/30 CW 082/30 (NOPT)	262/12 CW 082/12	5700
	262/12 CW 082/12	IKBUW (IF/IAF) (FB)	5200
2.	082/30 CW 172/30	082/7 CW 172/7	5700
	082/7 CW 172/7	EYVAG (IAF) (FB)	5200
3.	172/30 CW 262/30	KEKXU (IAF) (FB)	5200

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCBK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	392516.4430N
LTP/FTP LONGITUDE	1010254.2930W
LTP/FTP ELLIPSOIDAL HEIGHT	+09370
FPAP LATITUDE	392645.6100N
FPAP LONGITUDE	1010253.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00048.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C0D9C6F9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+09614
FPAP ORTHOMETRIC HEIGHT	+09614

CITY AND STATE	ELEVATION: 3187 TDZE: 3175	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 07/12/2001

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EYVAG K30    W     N39141174W101092623                    E0069     NAR          EYVAG
        SUSAEAENRT   IKBUW K30    W     N39140987W101030012                    E0069     NAR          IKBUW
        SUSAEAENRT   KEKXU K30    W     N39140765W100563402                    E0063     NAR          KEKXU
        SUSAEAENRT   LOGIY K30    W     N39222830W101025576                    E0069     NAR          LOGIY
        SUSAEAENRT   VOFWE K30    W     N39201927W101025690                    E0069     NAR          VOFWE
        SUSAEAENRT   YEBVI K30    W     N39371950W101024793                    E0069     NAR          YEBVI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3ACBK     0     051YHN39253880W101024780E008003187         1800018000C    MNAR    SHALZ FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3FR35   AEYVAG 010EYVAGK3EA0E  A    IF                                          18000                A JS
        SUSAP KCBKK3FR35   AEYVAG 020IKBUWK3EA0EE   010TF                    08230050    + 05200                      A JS
        SUSAP KCBKK3FR35   AIKBUW 010IKBUWK3EA0EE CR   HF                    35240060    + 05200     18000            A JS
        SUSAP KCBKK3FR35   AKEKXU 010KEKXUK3EA0E  A    IF                                          18000            A JS
        SUSAP KCBKK3FR35   AKEKXU 020IKBUWK3EA0EE   010TF                    26250050    + 05200                      A JS
        SUSAP KCBKK3FR35   R      010IKBUWK3EA0E  I    IF                                + 05200     18000            A JS
        SUSAP KCBKK3FR35   R      020VOFWEK3EA1E  F 051TF                    35240062    + 04800                      A JS
        SUSAP KCBKK3FR35   R      020VOFWEK3EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KCBKK3FR35   R      021LOGIYK3EA0E S  031TF                    35240022    V 0410004101        -300     A JS
        SUSAP KCBKK3FR35   R      030RW35 K3PG0GY M 031TF                    35240028      03202             -300     A JS
        SUSAP KCBKK3FR35   R      040YEBVIK3EA0EYM  010DF                    3520        + 05100                      A JS
        SUSAP KCBKK3FR35   R      050YEBVIK3EA0EE HR020HM                    17240060    + 05100                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCBKK3GRW35    0051103524 N39251644W101025429+0600    +0937003154000048075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 3187 TDZE: 3175	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	AIRPORT NAME: **SHALZ FIELD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **07/12/2001**

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SUSAP KCBKK3PR35    RW35 001 0000W35A0N3925164430W10102542930+093700300N3926456100W1010253510010675119200048 2F400500C0D9C6F9
SUSAP KCBKK3PR35    RW35 002E       +09614+09614LPV        81909          000
```

CITY AND STATE	ELEVATION: 3187 TDZE: 3175	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COLBY, KS	AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 07/12/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EYVAG	EYVAG	010	IAF	IF		FB				
	EYVAG	IKBUW	020		TF		FB	1.0	082.3(090T)	005.0	05200
	IKBUW	IKBUW	010		HF	R	FB		352.4(000T)	006.0	05200
	KEKXU	KEKXU	010	IAF	IF		FB				
	KEKXU	IKBUW	020		TF		FB	1.0	262.5(271T)	005.0	05200
		IKBUW	010	FACF	IF		FB				05200
		VOFWE	020	FAF	TF		FB	0.5	352.4(000T)	006.2	04800
		LOGIY	021	SDF	TF		FB	0.3	352.4(000T)	002.2	04100
		RW35	030	MAP	TF		FO	0.3	352.4(000T)	002.8	03202

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YEBVI	040		DF		FO	1.0	352.0(360T)		05100
	YEBVI	050		HM	R	FO	2.0	172.4(180T)	006.0	05100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EYVAG	N391411.74	W1010926.23	N3914.196	W10109.437
	IKBUW	N391409.87	W1010300.12	N3914.165	W10103.002
	KEKXU	N391407.65	W1005634.02	N3914.128	W10056.567
	LOGIY	N392228.30	W1010255.76	N3922.472	W10102.929
	VOFWE	N392019.27	W1010256.90	N3920.321	W10102.948
	YEBVI	N393719.50	W1010247.93	N3937.325	W10102.799
	RW35	N392516.44	W1010254.29	N3925.274	W10102.905

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	03154	48

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
COLBY, KS	ELEVATION: 3187 TDZE: 3175 AIRPORT NAME: SHALZ FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED: 07/12/2001

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 4, 12, 22, 30, N/A - ENVIRONMENTAL.
RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TERRAIN BEGINNING 7' FROM DER, 193' RIGHT OF CENTERLINE, UP TO 3,156' MSL. TREES BEGINNING 3,708' FROM DER, 1,072' RIGHT OF CENTERLINE, UP TO 100' AGL/3,249' MSL. VEHICLE AND ROAD BEGINNING 550' FROM DER, 35' LEFT TO RIGHT OF CENTERLINE, 15' AGL/3,174' MSL. NOTE: RWY 35, TERRAIN BEGINNING 205' FROM DER, 248' LEFT OF CENTERLINE, UP TO 3,196 MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
COLBY, KS	**SHALZ FIELD**	SEP 25 2008	**ORG**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UPDEW (IAF)	ZENWA (NOPT) (FB)	118.53 / 5.00	3000
EPORE (IAF)	ZENWA (NOPT) (FB)	298.65 / 5.00	3000
ZENWA (IF/IAF)	OKNEW (FB)	028.59 / 6.10	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 3000 DIRECT ETOXY AND LEFT TURN VIA 281.21 TRACK TO GENUS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 170.00 INBOUND.
CHART FAS OBST: 1069 TREE 381247N/0842606W
CHART TDZE 940
DISTANCE TO THLD FROM 250 HAT: 0.71 NM.
CHART VDP AT 1.12 MILES TO RW03* *LNAV ONLY.
WAAS CHANNEL # 56309
REFERENCE PATH ID: W03A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW ZENWA, RT, 028.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 028.62 FAF: OKNEW DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: ZENWA 3000, OKNEW 2600, FEMSA/2.00 NM TO RW03 1600*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: OKNEW OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1190	1	250	1190	1	250	1190	1	250	1190	1	250			
LNAV/VNAV DA	1375	1 1/2	435	1375	1 1/2	435	1375	1 1/2	435	1375	1 1/2	435			
LNAV MDA	1320	1	380	1320	1	380	1320	1	380	1320	1 1/4	380			
CIRCLING	1420	1	473	1420	1	473	1420	1 1/2	473	1560	2	613			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND SEE 8260-10

CITY AND STATE	ELEVATION: 947 TDZE: 940	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 3, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 06/15/2000

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
INCREASE LPV DA TO 1228, LNAV/VNAV DA TO 1413, AND ALL MDA 40 FEET; INCREASE LNAV/VNAV VISIBILITY ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LEXINGTON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	299/30 CW 119/30 (NOPT)	299/10 CW 119/10	3100
	299/10 CW 119/10	ZENWA (IF/IAF) (FB)	3000
2.	119/30 CW 209/30	UPDEW (IAF) (FB)	3000
3.	209/30 CW 299/30	EPORE (IAF) (FB)	3000

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GEORGETOWN, KY	ELEVATION: 947 TDZE: 940 AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 3, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 06/15/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	27K
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	381339.4615N
LTP/FTP LONGITUDE	0842619.7765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02498
FPAP LATITUDE	381459.8600N
FPAP LONGITUDE	0842530.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00034.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8F309082

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02835
FPAP ORTHOMETRIC HEIGHT	+02835

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	ELEVATION: 947 TDZE: 940 AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 3, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 06/15/2000

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EPORE K50    W     N38012463W084264469                      W0054     NAR           EPORE                   G
        SUSAEAENRT   ETOXY K50    W     N38184397W084231413                      W0054     NAR           ETOXY                   G
        SUSAEAENRT   FEMSA K50    W     N38115116W084272567                      W0054     NAR           FEMSA                   G
        SUSAEAENRT   GENUS K50    C   L N38195089W084330667                      W0054     NAR           GENUS                   G
        SUSAEAENRT   OKNEW K50    W     N38090516W084290656                      W0054     NAR           OKNEW                   G
        SUSAEAENRT   UPDEW K50    W     N38054407W084380987                      W0054     NAR           UPDEW                   G
        SUSAEAENRT   ZENWA K50    W     N38033449W084322711                      W0054     NAR           ZENWA                   G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5A27K     0     055YHN38140400W084260490W003000947         1800018000C    MNAR    GEORGETOWN SCOTT CO-MARSHALL FG

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5FR03   AEPORE 010EPOREK5EA0E  A    IF                                          18000                A JS   G
        SUSAP 27K K5FR03   AEPORE 020ZENWAK5EA0EE   010TF                    29870050    + 03000                      A JS   G
        SUSAP 27K K5FR03   AUPDEW 010UPDEWK5EA0E  A    IF                                          18000                A JS   G
        SUSAP 27K K5FR03   AUPDEW 020ZENWAK5EA0EE   010TF                    11850050    + 03000                      A JS   G
        SUSAP 27K K5FR03   AZENWA 010ZENWAK5EA0EE CR   HF                     02860040    + 03000     18000            A JS   G
        SUSAP 27K K5FR03   R      010ZENWAK5EA0E  I    IF                                 + 03000     18000            A JS   G
        SUSAP 27K K5FR03   R      020OKNEWK5EA1E  F 051TF                    02860061    + 02600                      A JS   G
        SUSAP 27K K5FR03   R      020OKNEWK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS   G
        SUSAP 27K K5FR03   R      021FEMSAK5EA0E S  031TF                    02860031    V 0160001605       -300    A JS   G
        SUSAP 27K K5FR03   R      030RW03 K5PG0GY M 031TF                    02860020      00964            -300    A JS   G
        SUSAP 27K K5FR03   R      040ETOXYK5EA0E M  010DF                                                          A JS   G
        SUSAP 27K K5FR03   R      050GENUSK5EA0EY  L010TFY                   2812        + 03000                      A JS   G
        SUSAP 27K K5FR03   R      060GENUSK5EA0EE HR020HM                    17000040    + 03000                      A JS   G

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5GRW03    0054990287 N38133946W084261978+0300    +024980093000003410OR                                        G

                1         2         3         4         5         6         7         8         9         0         1         2         3
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CITY AND STATE	ELEVATION: 947 TDZE: 940	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 3, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 06/15/2000

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PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5PR03    RW03 001 0000W03A0N3813394615W08426197765+024980300N3814598600W084253082001067510720000340F4005008F309082G
        SUSAP 27K K5PR03    RW03 002E      +02835+02835LPV       56309          000                                          G
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CITY AND STATE	ELEVATION: 947 TDZE: 940	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 3, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 06/15/2000

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EPORE	EPORE	010	IAF	IF		FB				
	EPORE	ZENWA	020		TF		FB	1.0	298.7(296T)	005.0	03000
	UPDEW	UPDEW	010	IAF	IF		FB				
	UPDEW	ZENWA	020		TF		FB	1.0	118.5(116T)	005.0	03000
	ZENWA	ZENWA	010		HF	R	FB		028.6(026T)	004.0	03000
		ZENWA	010	FACF	IF		FB				03000
		OKNEW	020	FAF	TF		FB	0.5	028.6(026T)	006.1	02600
		FEMSA	021	SDF	TF		FB	0.3	028.6(026T)	003.1	01600
		RW03	030	MAP	TF		FO	0.3	028.6(026T)	002.0	00964

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ETOXY	040		DF		FB	1.0			
	GENUS	050		TF	L	FO	1.0	281.2(278T)		03000
	GENUS	060		HM	R	FO	2.0	170.0(167T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPORE	N380124.63	W0842644.69	N3801.411	W08426.745
	ETOXY	N381843.97	W0842314.13	N3818.733	W08423.236
	FEMSA	N381151.16	W0842725.67	N3811.853	W08427.428
	GENUS	N381950.89	W0843306.67	N3819.848	W08433.111
	OKNEW	N380905.16	W0842906.56	N3809.086	W08429.109
	UPDEW	N380544.07	W0843809.87	N3805.735	W08438.165
	ZENWA	N380334.49	W0843227.11	N3803.575	W08432.452
	RW03	N381339.46	W0842619.78	N3813.658	W08426.330

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00930	34

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	**ELEVATION: 947 TDZE: 940** AIRPORT NAME: **GEORGETOWN SCOTT CO-MARSHALL FLD**	**RNAV**	**RNAV (GPS) RWY 3, AMDT 1** 25 SEP 2008	AMDT: **ORIG** DATED: **06/15/2000**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
URAYE (IAF)	OBUGE (NOPT) (FB)	298.78 / 5.00	3000
EPZOK (IAF)	OBUGE (NOPT) (FB)	118.66 / 5.00	3000
OBUGE (IF/IAF)	ETOXY (FB)	208.72 / 6.10	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3000 DIRECT YAPUT AND RIGHT TURN VIA 300.83 TRACK TO SOKOC AND RIGHT TURN VIA 049.34 TRACK TO GENUS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 170.00 INBOUND.
CHART FAS OBST: 1109 TREE 381527N/0842551W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.20 MILES TO RW21* *LNAV ONLY.
WAAS CHANNEL # 48909
REFERENCE PATH ID: W21A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE OBUGE, RT, 208.72 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 208.69 FAF: ETOXY DIST FAF TO MAP: 4.72 THLD: 4.72
4. MIN. ALT: OBUGE 3000, ETOXY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: ETOXY OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1197	1	250	1197	1	250	1197	1	250	1197	1	250			
LNAV/VNAV DA	1421	1 3/4	474	1421	1 3/4	474	1421	1 3/4	474	1421	1 3/4	474			
LNAV MDA	1360	1	413	1360	1	413	1360	1 1/4	413	1360	1 1/4	413			
CIRCLING	1420	1	473	1420	1	473	1420	1 1/2	473	1560	2	613			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTON ALTIMETER SETTING AND INCREASE LPV DA TO 1235, LNAV/VNAV DA TO 1459, AND ALL MDA 40 FEET; INCREASE LNAV CAT D
SEE 8260-10

CITY AND STATE	ELEVATION: 947 TDZE: 947 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 21, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 06/15/2000

QUALITY CHECKED 2

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LEXINGTON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	119/30 CW 299/30 (NOPT)	OBUGE (IF/IAF) (FB)	3000
2.	299/30 CW 029/30	299/10 CW 029/10	3100
	299/10 CW 029/10	URAYE (IAF) (FB)	3000
3.	029/30 CW 119/30	EPZOK (IAF) (FB)	3000

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GEORGETOWN, KY	**ELEVATION: 947 TDZE: 947** AIRPORT NAME: **GEORGETOWN SCOTT CO-MARSHALL FLD**	**RNAV**	**RNAV (GPS) RWY 21, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **06/15/2000**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	27K
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	381428.4595N
LTP/FTP LONGITUDE	0842549.9385W
LTP/FTP ELLIPSOIDAL HEIGHT	+02550
FPAP LATITUDE	381308.0600N
FPAP LONGITUDE	0842638.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1837E48F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02887
FPAP ORTHOMETRIC HEIGHT	+02887

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EPZOK K50    W     N38262429W084253631                    W0054     NAR          EPZOK
        SUSAEAENRT   ETOXY K50    W     N38184397W084231413                    W0054     NAR          ETOXY
        SUSAEAENRT   GENUS K50    C   L N38195089W084330667                    W0054     NAR          GENUS
        SUSAEAENRT   OBUGE K50    W     N38241410W084195231                    W0054     NAR          OBUGE
        SUSAEAENRT   SOKOC K50    W     N38145898W084393521                    W0054     NAR          SOKOC
        SUSAEAENRT   URAYE K50    W     N38220363W084140865                    W0054     NAR          URAYE
        SUSAEAENRT   YAPUT K50    W     N38101910W084282164                    W0054     NAR          YAPUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5A27K     0     055YHN38140400W084260490W003000947         1800018000C    MNAR    GEORGETOWN SCOTT CO-MARSHALL F

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5FR21   AEPZOK 010EPZOKK5EA0E  A    IF                                                  18000                A JS
        SUSAP 27K K5FR21   AEPZOK 020OBUGEK5EA0EE   010TF                    11870050    + 03000                                 A JS
        SUSAP 27K K5FR21   AOBUGE 010OBUGEK5EA0EE CR   HF                    20870040    + 03000     18000                       A JS
        SUSAP 27K K5FR21   AURAYE 010URAYEK5EA0E  A    IF                                          18000                       A JS
        SUSAP 27K K5FR21   AURAYE 020OBUGEK5EA0EE   010TF                    29880050    + 03000                                 A JS
        SUSAP 27K K5FR21   R      010OBUGEK5EA0E  I    IF                                + 03000     18000                       A JS
        SUSAP 27K K5FR21   R      020ETOXYK5EA1E  F 051TF                    20870061    + 02500                                 A JS
        SUSAP 27K K5FR21   R      020ETOXYK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP 27K K5FR21   R      030RW21 K5PG0GY M 031TF                    20870047      00977                -300            A JS
        SUSAP 27K K5FR21   R      040YAPUTK5EA0E M  010DF                                                                      A JS
        SUSAP 27K K5FR21   R      050SOKOCK5EA0E   R010TFY                   3008                                              A JS
        SUSAP 27K K5FR21   R      060GENUSK5EA0EY  R010TFY                   0493        + 03000                               A JS
        SUSAP 27K K5FR21   R      070GENUSK5EA0EE HR020HM                    17000040    + 03000                               A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5GRW21    0054992087 N38142846W084254994-0300    +025500094700003010OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 947 TDZE: 947	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, KY	AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 21, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 06/15/2000

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP 27K K5PR21   RW21 001 0000W21A0N3814284595W08425499385+025500300N3813080600W084263890001067510720003O0F4005001837E48F
        SUSAP 27K K5PR21   RW21 002E      +02887+02887LPV       48909          000
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GEORGETOWN, KY	ELEVATION: 947 TDZE: 947 AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 21, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 06/15/2000

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EPZOK	EPZOK	010	IAF	IF		FB				
	EPZOK	OBUGE	020		TF		FB	1.0	118.7(116T)	005.0	03000
	OBUGE	OBUGE	010		HF	R	FB		208.7(206T)	004.0	03000
	URAYE	URAYE	010	IAF	IF		FB				
	URAYE	OBUGE	020		TF		FB	1.0	298.8(296T)	005.0	03000
		OBUGE	010	FACF	IF		FB				03000
		ETOXY	020	FAF	TF		FB	0.5	208.7(206T)	006.1	02500
		RW21	030	MAP	TF		FO	0.3	208.7(206T)	004.7	00977

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YAPUT	040		DF		FB	1.0			
	SOKOC	050		TF	R	FB	1.0	300.8(298T)		
	GENUS	060		TF	R	FO	1.0	049.3(046T)		03000
	GENUS	070		HM	R	FO	2.0	170.0(167T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPZOK	N382624.29	W0842536.31	N3826.405	W08425.605
	ETOXY	N381843.97	W0842314.13	N3818.733	W08423.236
	GENUS	N381950.89	W0843306.67	N3819.848	W08433.111
	OBUGE	N382414.10	W0841952.31	N3824.235	W08419.872
	SOKOC	N381458.98	W0843935.21	N3814.983	W08439.587
	URAYE	N382203.63	W0841408.65	N3822.061	W08414.144
	YAPUT	N381019.10	W0842821.64	N3810.318	W08428.361
	RW21	N381428.46	W0842549.94	N3814.474	W08425.832

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00947	30

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GEORGETOWN, KY	ELEVATION: 947 TDZE: 947 AIRPORT NAME: GEORGETOWN SCOTT CO-MARSHALL FLD	RNAV	RNAV (GPS) RWY 21, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 06/15/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GETGE (IAF)	FAREX (NOPT) (FB)	250.67 / 5.00	1800
POSOE (IAF)	FAREX (NOPT) (FB)	070.57 / 5.00	1800
FAREX (IF/IAF)	HALAN (FB)	160.62 / 6.04	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 1800 DIRECT FEKOV AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.68 INBOUND.
CHART FAS OBST: 410 TOWER 324907N/0915429W
CHART FAS OBST: 256 TREE 324557N/0915327W
DISTANCE TO THLD FROM 331 HAT: 0.91 NM.
CHART VDP AT 1.61 MILES TO RW16* *LNAV ONLY.
WAAS CHANNEL # 58307
REFERENCE PATH ID: W16A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N FAREX, RT, 160.62 INBOUND, 1800 FT. IN LIEU OF PT (IAF)
3. FAC: 160.63 FAF: HALAN DIST FAF TO MAP: 4.93 THLD: 4.93
4. MIN. ALT: FAREX 1800, HALAN 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: HALAN OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	499	1 1/4	331	499	1 1/4	331	499	1 1/4	331		NA				
LNAV/VNAV DA	526	1 1/4	358	526	1 1/4	358	526	1 1/4	358		NA				
LNAV MDA	720	1	552	720	1	552	720	1 1/2	552		NA				
CIRCLING	720	1	552	720	1	552	720	1 1/2	552		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONROE ALTIMETER SETTING AND INCREASE SEE 8260-10

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 07/10/2003

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NOTES CONT.
ALL DA/MDA 60 FEET AND ALL VISIBILITIES 1/4 MILE.
CHART NOTE: BARO-VNAV NA WHEN USING MONROE ALTIMETER SETTING.
CHART NOTE: VDP NA WHEN USING MONROE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	071/30 CW 138/30 (NOPT)	071/15 CW 138/15	3200
2.	071/15 CW 138/15	FAREX (IF/IAF) (FB)	1800
	138/30 CW 251/30 (NOPT)	FAREX (IF/IAF) (FB)	1800
3.	251/30 CW 341/30	GETGE (IAF) (FB)	1800
4.	341/30 CW 071/30	POSOE (IAF) (FB)	2200

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	ELEVATION: 168 TDZE: 168 AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 07/10/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBQP
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	324540.9050N
LTP/FTP LONGITUDE	0915256.6290W
LTP/FTP ELLIPSOIDAL HEIGHT	+00225
FPAP LATITUDE	324415.2400N
FPAP LONGITUDE	0915226.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B855934E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00484
FPAP ORTHOMETRIC HEIGHT	+00484

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 07/10/2003

QUALITY CHECK

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FAREX K40    W     N32561368W091563679                    E0006     NAR           FAREX
        SUSAEAENRT   FEKOV K40    W     N32343059W091490437                    E0006     NAR           FEKOV
        SUSAEAENRT   GETGE K40    W     N32573832W091505471                    E0006     NAR           GETGE
        SUSAEAENRT   HALAN K40    W     N32502525W091543545                    E0006     NAR           HALAN
        SUSAEAENRT   POSOE K40    W     N32544878W092021869                    E0013     NAR           POSOE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQPK4ABQP     0     040YHN32452190W091525010E003000168         1800018000C    MNAR    MOREHOUSE MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQPK4FR16   AFAREX 010FAREXK4EA0EE CR   HF                    16060040    + 01800     18000                A JS
        SUSAP KBQPK4FR16   AGETGE 010GETGEK4EA0E  A    IF                                            18000                A JS
        SUSAP KBQPK4FR16   AGETGE 020FAREXK4EA0EE   010TF                    25070050    + 01800                          A JS
        SUSAP KBQPK4FR16   APOSOE 010POSOEK4EA0E  A    IF                                            18000                A JS
        SUSAP KBQPK4FR16   APOSOE 020FAREXK4EA0EE   010TF                    07060050    + 01800                          A JS
        SUSAP KBQPK4FR16   R      010FAREXK4EA0E  I    IF                                 + 01800     18000                A JS
        SUSAP KBQPK4FR16   R      020HALANK4EA1E  F 010TF                    16060060    + 01800                          A JS
        SUSAP KBQPK4FR16   R      020HALANK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KBQPK4FR16   R      030RW16 K4PG0GY M 031TF                    16060049      00209           -300           A JS
        SUSAP KBQPK4FR16   R      040FEKOVK4EA0EYM  010DF                                 + 01800                          A JS
        SUSAP KBQPK4FR16   R      050FEKOVK4EA0EE HR020HM                    34070040    + 01800                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQPK4GRW16    0040021607 N32454091W091525663+0100    +0022500159000050100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQPK4PR16   RW16 001 0000W16A0N3245409050W09152566290+002250300N3244152400W0915226890010675152800050 0F400500B855934E
        SUSAP KBQPK4PR16   RW16 002E      +00484+00484LPV       58307          000
```

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 07/10/2003

QUALITY CHECK

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CITY AND STATE	ELEVATION: 168 TDZE: 168 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 07/10/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FAREX	FAREX	010		HF	R	FB		160.6(164T)	004.0	01800
	GETGE	GETGE	010	IAF	IF		FB				
	GETGE	FAREX	020		TF		FB	1.0	250.7(254T)	005.0	01800
	POSOE	POSOE	010	IAF	IF		FB				
	POSOE	FAREX	020		TF		FB	1.0	070.6(074T)	005.0	01800
		FAREX	010	FACF	IF		FB				01800
		HALAN	020	FAF	TF		FB	1.0	160.6(164T)	006.0	01800
		RW16	030	MAP	TF		FO	0.3	160.6(164T)	004.9	00209

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEKOV	040		DF		FO	1.0			01800
	FEKOV	050		HM	R	FO	2.0	340.7(344T)	004.0	01800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAREX	N325613.68	W0915636.79	N3256.228	W09156.613
	FEKOV	N323430.59	W0914904.37	N3234.510	W09149.073
	GETGE	N325738.32	W0915054.71	N3257.639	W09150.912
	HALAN	N325025.25	W0915435.45	N3250.421	W09154.591
	POSOE	N325448.78	W0920218.69	N3254.813	W09202.312
	RW16	N324540.91	W0915256.63	N3245.682	W09152.944

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00159	50

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 16, AMDT 1	AMDT: ORIG
	MOREHOUSE MEMORIAL		SEP 25 2008	DATED: 07/10/2003

QUALITY CHECK

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOBAK (IAF)	FEKOV (NOPT) (FB)	250.73 / 5.00	1900
TIVEE (IAF)	FEKOV (NOPT) (FB)	070.63 / 5.00	1900
FEKOV (IF/IAF)	GUCES (FB)	340.68 / 6.04	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 1800 DIRECT FAREX AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 160.62 INBOUND.
FAS OBST: 255 TREE 324424N/0915225W
FAS OBST: 260 TREE 324325N/0915235W
DISTANCE TO THLD FROM 340 HAT: 0.93 NM.
CHART VDP AT 0.97 MILES TO RW34* *LNAV ONLY.
WAAS CHANNEL # 90308
REFERENCE PATH ID: W34A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S FEKOV, RT, 340.68 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
3. FAC: 340.66 FAF: GUCES DIST FAF TO MAP: 4.92 THLD: 4.92
4. MIN. ALT: FEKOV 1900, GUCES 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: GUCES 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	508	1 1/4	340	508	1 1/4	340	508	1 1/4	340		NA				
LNAV/VNAV DA	551	1 1/4	383	551	1 1/4	383	551	1 1/4	383		NA				
LNAV MDA	520	1	352	520	1	352	520	1	352		NA				
CIRCLING	560	1	392	620	1	452	620	1 1/2	452		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING MONROE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WHEN USING MONROE ALTIMETER SETTING.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE
				DATED

QUALITY CHECKED

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONROE ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET AND ALL VISIBILITIES 1/4 MILE.

TAA

	FROM	TO	ALT
1.	251/30 CW 017/30 (NOPT)	FEKOV (IF/IAF) (FB)	1900
2.	017/30 CW 071/30 (NOPT)	017/22 CW 071/22	3100
	017/22 CW 071/22	FEKOV (IF/IAF) (FB)	1900
3.	071/30 CW 161/30	TIVEE (IAF) (FB)	2200
4.	161/30 CW 251/30	HOBAK (IAF) (FB)	1900

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	ELEVATION: 168 TDZE: 168 AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBQP
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	324502.9120N
LTP/FTP LONGITUDE	0915243.4410W
LTP/FTP ELLIPSOIDAL HEIGHT	+00236
FPAP LATITUDE	324628.5700N
FPAP LONGITUDE	0915313.1900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	28105B68

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00495
FPAP ORTHOMETRIC HEIGHT	+00495

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FAREX K40    W     N32561368W091563679                    E0006     NAR           FAREX
          SUSAEAENRT   FEKOV K40    W   L N32343059W091490437                    E0006     NAR           FEKOV
          SUSAEAENRT   GUCES K40    W     N32401916W091510502                    E0006     NAR           GUCES
          SUSAEAENRT   HOBAK K40    W     N32355493W091432356                    E0006     NAR           HOBAK
          SUSAEAENRT   TIVEE K40    W     N32330599W091544500                    E0006     NAR           TIVEE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBQPK4ABQP     0     040YHN32452190W091525010E003000168         1800018000C    MNAR    MOREHOUSE MEMORIAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBQPK4FR34   AFEKOV 010FEKOVK4EA0EE CR   HF                    34070040    + 01900     18000                A JS
          SUSAP KBQPK4FR34   AHOBAK 010HOBAKK4EA0E  A    IF                                        18000                A JS
          SUSAP KBQPK4FR34   AHOBAK 020FEKOVK4EA0EE   010TF                    25070050    + 01900                          A JS
          SUSAP KBQPK4FR34   ATIVEE 010TIVEEK4EA0E  A    IF                                        18000                A JS
          SUSAP KBQPK4FR34   ATIVEE 020FEKOVK4EA0EE   010TF                    07060050    + 01900                          A JS
          SUSAP KBQPK4FR34   R      010FEKOVK4EA0E  I    IF                               + 01900     18000                A JS
          SUSAP KBQPK4FR34   R      020GUCESK4EA1E  F 051TF                    34070060    + 01800                          A JS
          SUSAP KBQPK4FR34   R      020GUCESK4EA2WALPV       ALNAV/VNAV ALNAV                                               JS
          SUSAP KBQPK4FR34   R      030RW34 K4PG0GY M 031TF                    34070050      00212           -300           A JS
          SUSAP KBQPK4FR34   R      040FAREXK4EA0EYM  010DF                               + 01800                          A JS
          SUSAP KBQPK4FR34   R      050FAREXK4EA0EE HR020HM                    16060040    + 01800                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBQPK4GRW34    0040023407 N32450291W091524344-0100    +0023600162000050100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBQPK4PR34   RW34 001 0000W34A0N3245029120W09152434410+002360300N3246285700W0915313190010675152800050 0F40050028105B68
          SUSAP KBQPK4PR34   RW34 002E      +00495+00495LPV       90308          000
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CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE
				DATED:

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CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: MOREHOUSE MEMORIAL	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEKOV	FEKOV	010		HF	R	FB		340.7(344T)	004.0	01900
	HOBAK	HOBAK	010	IAF	IF		FB				
	HOBAK	FEKOV	020		TF		FB	1.0	250.7(254T)	005.0	01900
	TIVEE	TIVEE	010	IAF	IF		FB				
	TIVEE	FEKOV	020		TF		FB	1.0	070.6(074T)	005.0	01900
		FEKOV	010	FACF	IF		FB				01900
		GUCES	020	FAF	TF		FB	0.5	340.7(344T)	006.0	01800
		RW34	030	MAP	TF		FO	0.3	340.7(344T)	005.0	00212

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FAREX	040		DF		FO	1.0			01800
	FAREX	050		HM	R	FO	2.0	160.6(164T)	004.0	01800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAREX	N325613.68	W0915636.79	N3256.228	W09156.613
	FEKOV	N323430.59	W0914904.37	N3234.510	W09149.073
	GUCES	N324019.16	W0915105.02	N3240.319	W09151.084
	HOBAK	N323554.93	W0914323.56	N3235.916	W09143.393
	TIVEE	N323305.99	W0915445.00	N3233.100	W09154.750
	RW34	N324502.91	W0915243.44	N3245.049	W09152.724

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00162	50

CITY AND STATE	ELEVATION: 168 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BASTROP, LA	AIRPORT NAME: **MOREHOUSE MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 34, ORIG** SEP 25 2008	AMDT: **NONE**
				DATED:

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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HRV VORTAC	FEDIL (FB)	211.11 / 15.34	2100
TBD VORTAC	COPEG (FB)	091.63 / 24.87	2000
FEDIL (IAF)	HIKEN (NOPT) (FB)	268.63 / 5.00	2000
COPEG (IAF)	HIKEN (NOPT) (FB)	088.53 / 5.00	2000
HIKEN (IF/IAF)	JADUL (FB)	178.58 / 6.04	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 2000 DIRECT JOXAG AND RIGHT TURN VIA 278.49 TRACK TO CIPUG AND RIGHT TURN VIA 034.89 TRACK TO HIKEN AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 122 TOWER 292813N/0901517W
CHART FAS OBST: 97 TREE 292731N/0901544W
DISTANCE TO THLD FROM 350 HAT: 0.94 NM.
CHART VDP AT 1.03 MILES TO RW18* *LNAV ONLY.
WAAS CHANNEL # 61308
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N HIKEN, RT, 178.58 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 178.58 FAF: JADUL DIST FAF TO MAP: 5.11 THLD: 5.11
4. MIN. ALT: HIKEN 2000, JADUL 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: JADUL OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW18 2100

MAG VAR: 2E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	351	1 1/4	350	351	1 1/4	350	351	1 1/4	350	351	1 1/4	350			
LNAV/VNAV DA	382	1 1/4	381	382	1 1/4	381	382	1 1/4	381	382	1 1/4	381			
LNAV MDA	380	1	379	380	1	379	380	1	379	380	1	379			
CIRCLING	500	1	499	560	1	559	560	1 1/2	559	560	2	559			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 49C (120F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING.
SEE 8260-10

CITY AND STATE	ELEVATION: 1 TDZE: 1	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING AND INCREASE ALL DA AND MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GALLIANO, LA	**ELEVATION: 1** **TDZE: 1** AIRPORT NAME: **SOUTH LAFOURCHE LEONARD MILLER JR**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **05/10/2007**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGAO
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	292700.1630N
LTP/FTP LONGITUDE	0901539.6505W
LTP/FTP ELLIPSOIDAL HEIGHT	-00247
FPAP LATITUDE	292530.8400N
FPAP LONGITUDE	0901540.6800W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7C5FBF41

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00002
FPAP ORTHOMETRIC HEIGHT	+00002

CITY AND STATE	ELEVATION: 1 TDZE: 1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 05/10/2007

CHECKED

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ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        HRV   K4011410VTHW N29510070W090001074    N29510070W090001074E002000002      NARHARVEY
        SUSAD        TBD   K4011200VTL  N29395156W090494474    N29395156W090494474E002000010      NARTIBBY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIPUG K40    W     N29225363W090284033                    E0003     NAR          CIPUG
        SUSAEAENRT   COPEG K40    W     N29381371W090211612                    E0003     NAR          COPEG
        SUSAEAENRT   FEDIL K40    W     N29380762W090094765                    E0003     NAR          FEDIL
        SUSAEAENRT   HIKEN K40    W     N29381079W090153188                    E0003     NAR          HIKEN
        SUSAEAENRT   JADUL K40    W     N29320729W090153609                    E0003     NAR          JADUL
        SUSAEAENRT   JOXAG K40    W     N29204836W090154395                    E0003     NAR          JOXAG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4AGAO     0     065YHN29262798W090154004E002000001         1800018000C    MNAR    SOUTH LAFOURCHE  LEONARD MILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4FR18   AHIKEN 010HIKENK4EA0EE CR   HF                    17860040    + 02000     18000                A JS
        SUSAP KGAOK4FR18   AHRV   010HRV  K4D 0V       IF                                            18000                A JS
        SUSAP KGAOK4FR18   AHRV   020FEDILK4EA0E  A 020TF                    21110153    + 02100                          A JS
        SUSAP KGAOK4FR18   AHRV   030HIKENK4EA0EE   010TF                    26860050    + 02000                          A JS
        SUSAP KGAOK4FR18   ATBD   010TBD  K4D 0V       IF                                            18000                A JS
        SUSAP KGAOK4FR18   ATBD   020COPEGK4EA0E  A 020TF                    09160249    + 02000                          A JS
        SUSAP KGAOK4FR18   ATBD   030HIKENK4EA0EE   010TF                    08850050    + 02000                          A JS
        SUSAP KGAOK4FR18   R      010HIKENK4EA0E  I    IF                                 + 02000     18000                A JS
        SUSAP KGAOK4FR18   R      020JADULK4EA1E  F 010TF                    17860060    + 01700                RW18  K4PGA JS
        SUSAP KGAOK4FR18   R      020JADULK4EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KGAOK4FR18   R      030RW18 K4PG0GY M 031TF                    17860051      00051          -300              A JS
        SUSAP KGAOK4FR18   R      040JOXAGK4EA0E M  010DF                                                                 A JS
        SUSAP KGAOK4FR18   R      050CIPUGK4EA0E    010TF                    2786                                         A JS
        SUSAP KGAOK4FR18   R      060HIKENK4EA0EY   010TF                    0349        + 02000                          A JS
        SUSAP KGAOK4FR18   R      070HIKENK4EA0EE HR020HM                    17860040    + 02000                          A JS
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CITY AND STATE	ELEVATION: 1 TDZE: 1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4GRW18     0065021786 N29270016W090153965+0000     -002470000100005010OR

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4PR18    RW18 001 0000W18A0N2927001630W09015396505-0247 0300N2925308400W090154068001067507680005O0F4005007C5FBF41
        SUSAP KGAOK4PR18    RW18 002E       +00002+00002LPV       61308          000

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4SRW18 K4PG                0   18018002125                                                                    M
```

CITY AND STATE	ELEVATION: 1 TDZE: 1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIKEN	HIKEN	010		HF	R	FB		178.6(181T)	004.0	02000
	HRV	HRV	010		IF		FB				
	HRV	FEDIL	020	IAF	TF		FB	2.0	211.1(213T)	015.3	02100
	HRV	HIKEN	030		TF		FB	1.0	268.6(271T)	005.0	02000
	TBD	TBD	010		IF		FB				
	TBD	COPEG	020	IAF	TF		FB	2.0	091.6(094T)	024.9	02000
	TBD	HIKEN	030		TF		FB	1.0	088.5(091T)	005.0	02000
		HIKEN	010	FACF	IF		FB				02000
		JADUL	020	FAF	TF		FB	1.0	178.6(181T)	006.0	01700
		RW18	030	MAP	TF		FO	0.3	178.6(181T)	005.1	00051

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOXAG	040		DF		FB	1.0			
	CIPUG	050		TF		FB	1.0	278.6(281T)		
	HIKEN	060		TF		FO	1.0	034.9(037T)		02000
	HIKEN	070		HM	R	FO	2.0	178.6(181T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HRV	N295100.70	W0900010.74	N2951.012	W09000.179
	TBD	N293951.56	W0904944.74	N2939.859	W09049.746
	CIPUG	N292253.63	W0902840.33	N2922.894	W09028.672
	COPEG	N293813.71	W0902116.12	N2938.229	W09021.269
	FEDIL	N293807.62	W0900947.65	N2938.127	W09009.794
	HIKEN	N293810.79	W0901531.88	N2938.180	W09015.531
	JADUL	N293207.29	W0901536.09	N2932.122	W09015.602
	JOXAG	N292048.36	W0901543.95	N2920.806	W09015.733
	RW18	N292700.16	W0901539.65	N2927.003	W09015.661

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00001	50

CITY AND STATE	ELEVATION: 1 TDZE: 1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: **SOUTH LAFOURCHE LEONARD MILLER JR**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **05/10/2008**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TBD VORTAC	FOVLI (FB)	133.26 / 35.08	2000
HRV VORTAC	TOYUG (FB)	191.47 / 37.21	2000
FOVLI (IAF)	COPUP (NOPT) (FB)	088.53 / 5.00	2000
TOYUG (IAF)	COPUP (NOPT) (FB)	268.63 / 5.00	2000
COPUP (IF/IAF)	JOXAG (FB)	358.58 / 6.01	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 2000 DIRECT HIKEN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 178.58 INBOUND.
CHART FAS OBST: 56 TREE 292540N/0901533W
CHART FAS OBST: 284 TWR 292256N/0901531W
DISTANCE TO THLD FROM 290 HAT: 0.75 NM.
CHART VDP AT 1.54 MILES TO RW36* *LNAV ONLY.
WAAS CHANNEL # 69608
REFERENCE PATH ID: W36A
CHART: 196 TOWER 292518.00N/0901411.00W

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S COPUP, RT, 358.58 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 358.58 FAF: JOXAG DIST FAF TO MAP: 5.11 THLD: 5.11
4. MIN. ALT: COPUP 2000, JOXAG 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: JOXAG OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW36 2100

MAG VAR: 2E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	289	1	290	289	1	290	289	1	290	289	1	290			
LNAV/VNAV DA	497	1 3/4	498	497	1 3/4	498	497	1 3/4	498	497	1 3/4	498			
LNAV MDA	540	1	541	540	1	541	540	1 1/2	541	540	1 3/4	541			
CIRCLING	540	1	539	560	1	559	560	1 1/2	559	560	2	559			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL SEE 8260-10

CITY AND STATE	ELEVATION: 1 TDZE: -1	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 36, ORIG SEP 25 2008	AMDT: NONE
				DATED

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	**ELEVATION: 1 TDZE: -1** AIRPORT NAME: **SOUTH LAFOURCHE LEONARD MILLER JR**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

QUALIFIED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGAO
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	292555.7970N
LTP/FTP LONGITUDE	0901540.4040W
LTP/FTP ELLIPSOIDAL HEIGHT	-00251
FPAP LATITUDE	292725.1200N
FPAP LONGITUDE	0901539.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8328414A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	-00003
FPAP ORTHOMETRIC HEIGHT	-00003

CITY AND STATE	ELEVATION: 1 TDZE: -1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 36, ORIG SEP 25 2008	AMDT: NONE DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        HRV   K4011410VTHW N29510070W090001074    N29510070W090001074E002000002      NARHARVEY
       SUSAD        TBD   K4011200VTL  N29395156W090494474    N29395156W090494474E002000010      NARTIBBY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   COPUP K40    W     N29144696W090154812                    E0003     NAR          COPUP
       SUSAEAENRT   FOVLI K40    W     N29144988W090213104                    E0003     NAR          FOVLI
       SUSAEAENRT   HIKEN K40    W     N29381079W090153188                    E0003     NAR          HIKEN
       SUSAEAENRT   JOXAG K40    W     N29204836W090154395                    E0003     NAR          JOXAG
       SUSAEAENRT   TOYUG K40    W     N29144379W090100520                    E0003     NAR          TOYUG

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGAOK4AGAO     0     065YHN29262798W090154004E002000001        1800018000C    MNAR    SOUTH LAFOURCHE  LEONARD MILLE

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGAOK4FR36   ACOPUP 010COPUPK4EA0EE CR   HF                    35860040    + 02000     18000                A JS
       SUSAP KGAOK4FR36   AHRV   010HRV  K4D 0V       IF                                            18000                A JS
       SUSAP KGAOK4FR36   AHRV   020TOYUGK4EA0E  A 020TF                    19150372    + 02000                          A JS
       SUSAP KGAOK4FR36   AHRV   030COPUPK4EA0EE   010TF                    26860050    + 02000                          A JS
       SUSAP KGAOK4FR36   ATBD   010TBD  K4D 0V       IF                                            18000                A JS
       SUSAP KGAOK4FR36   ATBD   020FOVLIK4EA0E  A 020TF                    13330351    + 02000                          A JS
       SUSAP KGAOK4FR36   ATBD   030COPUPK4EA0EE   010TF                    08850050    + 02000                          A JS
       SUSAP KGAOK4FR36   R      010COPUPK4EA0E  I    IF                                 + 02000     18000                A JS
       SUSAP KGAOK4FR36   R      020JOXAGK4EA1E  F 010TF                    35860060    + 01700                RW36  K4PGA JS
       SUSAP KGAOK4FR36   R      020JOXAGK4EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
       SUSAP KGAOK4FR36   R      030RW36 K4PG0GY M 031TF                    35860051      00049          -300            A JS
       SUSAP KGAOK4FR36   R      040HIKENK4EA0EYM     DF                               + 02000                          A JS
       SUSAP KGAOK4FR36   R      050HIKENK4EA0EE HR020HM                    17860040    + 02000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 1 TDZE: -1	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	AIRPORT NAME: SOUTH LAFOURCHE LEONARD MILLER JR	RNAV	RNAV (GPS) RWY 36, ORIG SEP 25 2008	AMDT: NONE
				DATED:

QUALITY CHECKED 4

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4GRW36    0065023586 N29255580W090154040+0000    -00251-0001000050100R

-----------------------------------------------------------------------------------------------------------------------------
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4PR36   RW36 001 0000W36A0N2925557970W09015404040-0251 0300N2927251200W090153937001067507680005OOF4005008328414A
        SUSAP KGAOK4PR36   RW36 002E      -0003 -0003 LPV       69608          000

-----------------------------------------------------------------------------------------------------------------------------
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-----------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAOK4SRW36 K4PG               0   18018002125                                                                M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GALLIANO, LA	**ELEVATION: 1 TDZE: -1** AIRPORT NAME: **SOUTH LAFOURCHE LEONARD MILLER JR**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COPUP	COPUP	010		HF	R	FB		358.6(001T)	004.0	02000
	HRV	HRV	010		IF		FB				
	HRV	TOYUG	020	IAF	TF		FB	2.0	191.5(194T)	037.2	02000
	HRV	COPUP	030		TF		FB	1.0	268.6(271T)	005.0	02000
	TBD	TBD	010		IF		FB				
	TBD	FOVLI	020	IAF	TF		FB	2.0	133.3(135T)	035.1	02000
	TBD	COPUP	030		TF		FB	1.0	088.5(091T)	005.0	02000
		COPUP	010	FACF	IF		FB				02000
		JOXAG	020	FAF	TF		FB	1.0	358.6(001T)	006.0	01700
		RW36	030	MAP	TF		FO	0.3	358.6(001T)	005.1	00049

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIKEN	040		DF		FO				02000
	HIKEN	050		HM	R	FO	2.0	178.6(181T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HRV	N295100.70	W0900010.74	N2951.012	W09000.179
	TBD	N293951.56	W0904944.74	N2939.859	W09049.746
	COPUP	N291446.96	W0901548.12	N2914.783	W09015.802
	FOVLI	N291449.88	W0902131.04	N2914.831	W09021.517
	HIKEN	N293810.79	W0901531.88	N2938.180	W09015.531
	JOXAG	N292048.36	W0901543.95	N2920.806	W09015.733
	TOYUG	N291443.79	W0901005.20	N2914.730	W09010.087
	RW36	N292555.80	W0901540.40	N2925.930	W09015.673

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	-0001	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GALLIANO, LA	**ELEVATION: 1** **TDZE: -1** AIRPORT NAME: **SOUTH LAFOURCHE LEONARD MILLER JR**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** SEP 25 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **RWY 18,** MULTIPLE TREES BEGINNING 1258' FROM DER, 661' LEFT OF CENTERLINE, UP TO 45' AGL/56' MSL. MULTIPLE TREES BEGINNING 127' FROM DER, 275' RIGHT OF CENTERLINE, UP TO 45' AGL/53' MSL.
RWY 36, TREE 14' FROM DER, 454' RIGHT OF CENTERLINE, UP TO 35' AGL/45' MSL. MULTIPLE TREES BEGINNING 1391' FROM DER, 449' RIGHT OF CENTERLINE, UP TO 55' AGL/86' MSL. MULTIPLE TREES BEGINNING 2288' FROM DER, 291' LEFT OF CENTERLINE, UP TO 55' AGL/97' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GALLIANO, LA	SOUTH LAFOURCHE LEONARD MILLER JR	SEP 25 2008	ORIG

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BENNN/I-LIP 14.95 DME/RADAR (IAF)	COHAS/I-LIP 9.59 DME/RADAR	331.18 / 5.36	3000
COHAS/I-LIP 9.59 DME/RADAR (IF)	NIMOY/I-LIP 4.59 DME/RADAR	331.18 / 5.00	1500

MISSED APPROACH

ILS: DA
LOC: 4.43 MILES AFTER NIMOY/I-LIP 4.59 DME/RADAR OR AT I-LIP 0.18 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA BOS VOR/DME R-030 TO WAXEN/BOS VOR/DME 14.04 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LQ LOM AND HOLD NE, LT, 216.00 INBOUND, ADF REQUIRED.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 209.99 INBOUND.
CHART ALTERNATE MA HOLDING, HOLD NE LQ LOM, LT, 216.00 INBOUND.
CHART FAS OBST: 201 TREE 421949N/0705723W
CHART: 242 TOWER 421816N/0705520W.
CHART IN PROFILE: I-LIP DME ANTENNA.
CHART VDP AT 1.41 DME;
DISTANCE VDP TO THLD 1.25 MILES.
CHART IN PLANVIEW: LQ LOM.
CHART AP ELEV 20.
CHART HULLZ (LI) LOM SUBDUED.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BENNN
3. FAC: 331.18 FAF: NIMOY/I-LIP 4.59 DME/RADAR DIST FAF TO MAP: 4.43 THLD: 4.43
4. MIN. ALT: BENNN 4000, COHAS 3000, NIMOY 1500
5. DIST TO THLD FROM OM: - MM: 0.43 IM: - 150 HAT: - 100 HAT: 843 GS ANT: 975
6. MIN GS INCPT: 1500 GS ALT AT: NIMOY/I-LIP 4.59 DME/RADAR 1500 OM: - MM: 204 IM: -
7. GS ANGLE: 3.00 TCH: 57.0
8. MSA FROM: BOS VOR/DME 215-305 2500, 305-215 2000

MAG VAR: 16W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: # | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 33L	216	1800	200	216	1800	200	216	1800	200	216	1800	200			
S-LOC 33L	480	2400	464	480	2400	464	480	4000	464	480	5000	464			
CIRCLING	640	1	620	640	1	620	640	1 3/4	620	640	2	620			

NOTES:
CATEGORY II SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED: S-ILS 33L: DA 116 MSL, 116 RA, RVR 1200, HAT 100; CATS A, B, C, D. PROCEDURE DOES NOT MEET ICAO STANDARD FOR ALSF/TDZ/CL LIGHTING SYSTEMS. AUTHORIZATION TO CONDUCT THIS APPROACH REQUIRES SPECIFIC OPSSPEC APPROVAL OR LOA FOR THIS RUNWAY.
SEE 8260-10

CAT A, B, C, D 700-2

CITY AND STATE	ELEVATION: 20 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 33L
BOSTON, MA	AIRPORT NAME: GEN EDWARD LAWRENCE LOGAN INTL	I-LIP	ILS OR LOC RWY 33L, AMDT 3 25 SEP 2008	AMDT: 2 DATED 08/08/2008

FAA FORM 8260 - 3 / December 2002 (computer generated)

CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND GLIDEPATH NOT COINCIDENT.
CHART NOTE: CIRCLING NA FOR CATS C AND D W OF RWYS 4L AND 15R.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BOSTON, MA	**ELEVATION: 20 TDZE: 16** AIRPORT NAME: **GEN EDWARD LAWRENCE LOGAN INTL**	**I-LIP**	**ILS OR LOC RWY 33L, AMDT 3** 25 SEP 2008	SUP: **ILS RWY 33L** AMDT: **2** DATED: **08/08/2002**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COLUM/BAL 11.35 DME/RADAR (IF)	JEANS/BAL 5.30 DME/RADAR	105.19 / 6.05 (I-BAL)	1500

MISSED APPROACH

ILS: DA
LOC: 4.05 MILES AFTER JEANS/BAL 5.30 DME/RADAR

CLIMB TO 2500 VIA BAL R-105 TO HURTZ/BAL 12.11 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2600 VIA HEADING 050 AND OTT R-025 TO ENSUE INT/EMI 23.14 DME AND HOLD NW, LT, 126.99 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 284.63 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW ENSUE INT/EMI VORTAC 23.14 DME, LT, 126.99 INBOUND.
CHART FAS OBST: 245 TREE 391046N/0764224W
CHART 555 TOWER 391020N/0764635W.
CHART IN PLANVIEW: ENSUE INT/EMI VORTAC 23.14 DME.
CHART TDZE 143.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COLUM
3. FAC: 105.19 FAF: JEANS/BAL 5.30 DME/RADAR DIST FAF TO MAP: 4.05 THLD: 4.05
4. MIN. ALT: COLUM 2000, JEANS 1500
5. DIST TO THLD FROM OM: - MM: 0.50 IM: 918 150 HAT: - 100 HAT: 893 GS ANT: 1014
6. MIN GS INCPT: 1500 GS ALT AT: JEANS/BAL 5.30 DME/RADAR 1500 OM: - MM: 355 IM: 244
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: BAL VORTAC 180-270 2100, 270-180 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 10	343	1800	200	343	1800	200	343	1800	200	343	1800	200			
S-LOC 10	580	2400	437	580	2400	437	580	4000	437	580	5000	437			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 10: DA 243 MSL, 104 RA, RVR 1200, HAT 100; CAT A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 10: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 146 TDZE: 143	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	I-BAL	ILS OR LOC RWY 10, AMDT 19 ILS RWY 10 (CAT II), ILS RWY 10 (CAT III) 25 SEP 2008	SUP: ILS RWY 10 AMDT: 18A DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146 TDZE: 143** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**I-BAL**	**ILS OR LOC RWY 10, AMDT 19** **ILS RWY 10 (CAT II), ILS RWY 10 (CAT III)** 25 SEP 2008	SUP: **ILS RWY 10** AMDT: **18A** DATED: **12/22/2005**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KRENE/BAL 12.86 DME/RADAR (IF)	ZOWEE/BAL 6.78 DME/RADAR	155.23 / 6.10 (I-UQC)	2100

MISSED APPROACH

ILS: DA
LOC: 5.90 MILES AFTER ZOWEE/BAL 6.78 DME/RADAR

CLIMB TO 2500 VIA HEADING 155 AND BAL R-153 TO DUDDS/BAL 12.00 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2600 VIA HEADING 080 AND OTT R-025 TO ENSUE/EMI 23.14 DME AND HOLD NW, LT, 126.99 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 332.91 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW ENSUE INT/EMI 23.14 DME, LT, 126.99 INBOUND.
CHART FAS OBST: 339 TREE 391157N/0764054W
CHART 670 TOWER 391539N/0764248W.
CHART: CARPI OM SUBDUED.
DO NOT CHART MM.
CHART IN PLANVIEW: ENSUE INT/EMI 23.14 DME.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KRENE
3. FAC: 155.23 FAF: ZOWEE/BAL 6.78 DME/RADAR DIST FAF TO MAP: 5.90 THLD: 5.90
4. MIN. ALT: KRENE 2500, ZOWEE 2100, ADCOK/BAL 3.39 DME 980*
5. DIST TO THLD FROM OM: - MM: 0.46 IM: - 150 HAT: - 100 HAT: - GS ANT: 1100
6. MIN GS INCPT: 2100 GS ALT AT: ZOWEE/BAL 6.78 DME/RADAR 2100 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 47.4
8. MSA FROM: BAL VORTAC 180-270 2100, 270-180 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: # LOC: @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 15L	471	6000	329	471	6000	329	471	6000	329	471	6000	329			
S-LOC 15L	980	5000	838	980	6000	838	980	2 1/2	838	980	2 3/4	838			
CIRCLING	980	1	834	980	1 1/4	834	980	2 1/2	834	980	2 3/4	834			
ADCOK FIX MINIMUMS															
S-LOC 15L	560	5000	418	560	5000	418	560	6000	418	560	6000	418			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: DME REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
*LOC ONLY

CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4
@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 15L
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	I-UQC	ILS OR LOC RWY 15L, AMDT 1 25 SEP 2008	AMDT: ORIG-B DATED 10/05/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HURTZ/BAL 12.11 DME/RADAR (IF)	JURTI/BAL 5.93 DME/RADAR	285.22 / 6.18 (I-OEH)	2000

MISSED APPROACH

ILS: DA
LOC: 5.62 MILES AFTER JURTI/BAL 5.93 DME/RADAR

CLIMB TO 2500 VIA BAL R-286 TO COLUM/BAL 11.35 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2600 VIA HEADING 305 AND EMI R-179 TO EMI VORTAC AND HOLD S, LT, 359.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 105.83 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S EMI VORTAC, LT, 359.00 INBOUND.
CHART FAS OBST: 201 BLDG 391017N/0763713W
CHART 741 STACK 391053N/0763217W.
CHART 233 TOWER 390954N/0763618W.
CHART IN PLANVIEW: EMI VORTAC.
CHART TDZE 142.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HURTZ
3. FAC: 285.22 FAF: JURTI/BAL 5.93 DME/RADAR DIST FAF TO MAP: 5.62 THLD: 5.62
4. MIN. ALT: HURTZ 2000, JURTI 2000, ZIXUS/BAL 2.31 DME 820*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 956
6. MIN GS INCPT: 2000 GS ALT AT: JURTI/BAL 5.93 DME/RADAR 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 54.9
8. MSA FROM: BAL VORTAC 180-270 2100, 270-180 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 28	342 **	2400	200	342 **	2400	200	342 **	2400	200	342 **	2400	200			
S-LOC 28	820	2400	678	820	2400	678	820	1 1/2	678	820	1 3/4	678			
CIRCLING	820	1	674	820	1	674	820	2	674	820	2 1/4	674			
ZIXUS FIX MINIMUMS															
S-LOC 28	460	2400	318	460	2400	318	460	2400	318	460	4000	318			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
SEE 8260-10

CAT A, B, C 700-2, CAT D 700-2 1/4
@ CAT D 800-2 1/4

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 28
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	I-OEH	ILS OR LOC RWY 28, AMDT 16 25 SEP 2008	AMDT: 15B DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
CHART NOTE: ZIXUS FIX MINIMUMS: FOR INOPERATIVE MALSR, INCREASE S-LOC 28 CAT D VISIBILITY TO RVR 5000.
CHART NOTE: ** RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146 TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**I-OEH**	**ILS OR LOC RWY 28, AMDT 16** 25 SEP 2008	SUP: **ILS RWY 28** AMDT: **15B** DATED: **05/10/2007**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JANNS/BAL 13.00 DME/RADAR (IF)	GRAFE/BAL 4.40 DME/RADAR	335.21 / 8.61 (I-RUX)	1500

MISSED APPROACH

ILS: DA
LOC: 4.09 MILES AFTER GRAFE/BAL 4.40 DME/RADAR

CLIMB TO 3000 VIA BAL R-334 TO BMORE/BAL 13.80 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2600 VIA HEADING 305 AND EMI VORTAC R-179 TO EMI VORTAC AND HOLD S, LT, 359.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 154.04 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S EMI VORTAC, LT, 359.00 INBOUND.
CHART FAS OBST: 290 TOWER 390842N/0763900W
CHART 533 TOWER 390558N/0763721W.
DO NOT CHART MM.
CHART: RUETT OM SUBDUED.
CHART IN PLANVIEW: EMI VORTAC.
CHART TDZE 142.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JANNS
3. FAC: 335.21 FAF: GRAFE/BAL 4.40 DME/RADAR DIST FAF TO MAP: 4.09 THLD: 4.09
4. MIN. ALT: JANNS 2000, GRAFE 1500
5. DIST TO THLD FROM OM: - MM: 0.43 IM: - 150 HAT: - 100 HAT: - GS ANT: 947
6. MIN GS INCPT: 1500 GS ALT AT: GRAFE/BAL 4.40 DME/RADAR 1500 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.5
8. MSA FROM: BAL VORTAC 180-270 2100, 270-180 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 33L	342	1800	200	342	1800	200	342	1800	200	342	1800	200			
S-LOC 33L	540	2400	398	540	2400	398	540	2400	398	540	4000	398			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	ELEVATION: 146 TDZE: 142 AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	I-RUX	ILS OR LOC RWY 33L, AMDT 10 25 SEP 2008	SUP: AMDT: 9C DATED 12/11/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DUDDS/BAL 12.00 DME/RADAR (IF)	ORIOL/BAL 5.64 DME/RADAR	335.23 / 6.37 (I-BWI)	2000

MISSED APPROACH

ILS: DA
LOC: 5.66 MILES AFTER ORIOL/BAL 5.64 DME/RADAR

CLIMB TO 3000 VIA HEADING 335 AND VIA BAL R-337 TO KRENE/BAL 12.86 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2600 VIA HEADING 090 AND OTT R-025 TO ENSUE INT/EMI 23.14 DME AND HOLD NW, LT, 126.99 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 157.39 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW ENSUE INT/EMI VORTAC 23.14 DME, LT, 126.99 INBOUND.
CHART FAS OBST: 279 TREE 390653N/0763634W
CHART IN PLANVIEW: ENSUE INT/EMI VORTAC 23.14 DME.
CHART TDZE 124.
DO NOT CHART MM.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DUDDS
3. FAC: 335.23 FAF: ORIOL/BAL 5.64 DME/RADAR DIST FAF TO MAP: 5.66 THLD: 5.66
4. MIN. ALT: DUDDS 2000, ORIOL 2000
5. DIST TO THLD FROM OM: - MM: 0.51 IM: - 150 HAT: - 100 HAT: - GS ANT: 900
6. MIN GS INCPT: 2000 GS ALT AT: ORIOL/BAL 5.64 DME/RADAR 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.3
8. MSA FROM: BAL VORTAC 180-270 2100, 270-180 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 33R	331	2400	207	331	2400	207	331	2400	207	331	2400	207			
S-LOC 33R	540	2400	416	540	2400	416	540	4000	416	540	4000	416			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 700.
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	ELEVATION: 146 TDZE: 124 AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	I-BWI	ILS OR LOC RWY 33R, AMDT 1 25 SEP 2008	SUP: ILS RWY 33R AMDT: ORIG-D DATED 05/10/2007

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KRENE (IF)	ZOWEE (FB)	155.13 / 6.10	2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15L

CLIMB TO 2500 DIRECT DUDDS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 335.32 INBOUND.
CHART FAS OBST: 339 TREE 391157N/0764054W
CHART 670 TOWER 391539N/0764248W.
DISTANCE TO THLD FROM 377 HAT: 1.04 NM.
CHART VDP AT 1.29 MILES TO RW15L* *LNAV ONLY.
WAAS CHANNEL # 40108
REFERENCE PATH ID: W15A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KRENE
3. FAC: 155.18 FAF: ZOWEE DIST FAF TO MAP: 5.90 THLD: 5.90
4. MIN. ALT: KRENE 2500, ZOWEE 2100, ADCOK/2.50 NM TO RW15L 980*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: ZOWEE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 47.4 34:1 IS NOT CLEAR
8. MSA FROM: RW15L 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	519	6000	377	519	6000	377	519	6000	377	519	6000	377			
LNAV/VNAV DA	659	1 3/4	517	659	1 3/4	517	659	1 3/4	517	659	1 3/4	517			
LNAV MDA	600	5000	458	600	5000	458	600	6000	458	600	1 1/2	458			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
*LNAV ONLY

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
BALTIMORE, MD	ELEVATION: 146 TDZE: 142 BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 15L, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG-A DATED 10/05/2008

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW15L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	391114.5400N
LTP/FTP LONGITUDE	0763948.7400W
LTP/FTP ELLIPSOIDAL HEIGHT	+00105
FPAP LATITUDE	391034.4500N
FPAP LONGITUDE	0763911.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00047.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	86.25
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5CD9C580

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00431
FPAP ORTHOMETRIC HEIGHT	+00431

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 15L, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 10/05/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ADCOK K60    W     N39131634W076414156                    W0113     NAR           ADCOK
          SUSAEAENRT   DUDDS K60    C     N39004821W076301061                    W0114     NAR           DUDDS
          SUSAEAENRT   KRENE K60    W     N39205890W076485128                    W0113     NAR           KRENE
          SUSAEAENRT   ZOWEE K60    W     N39160215W076441537                    W0114     NAR           ZOWEE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146        1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6FR15L  R      010KRENEK6EA0E  I    IF                                          18000                A JS
          SUSAP KBWIK6FR15L  R      020ZOWEEK6EA1E  F 051TF                    15510061    + 02100                RW15L K6PGA JS
          SUSAP KBWIK6FR15L  R      020ZOWEEK6EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KBWIK6FR15L  R      021ADCOKK6EA0E S  031TF                    15520034    V 0098000991        -300          A JS
          SUSAP KBWIK6FR15L  R      030RW15LK6PG0GY M 031TF                    15520025      00189             -300          A JS
          SUSAP KBWIK6FR15L  R      040DUDDSK6EA0EYM  010DF                                + 02500                         A JS
          SUSAP KBWIK6FR15L  R      050DUDDSK6EA0EE HL020HM                    33530040    + 02500                         A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6GRW15L   0050001552 N39111454W076394874-0500     +00105001420000047100I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6PR15L  RW15L001 0000W15A0N3911145400W07639487400+001050300N3910344500W076391163000862500000000474F4005005CD9C580
          SUSAP KBWIK6PR15L  RW15L002E      +00431+00431LPV       40108          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6SRW15LK6PG               0   18018002625                                                                M
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CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) RWY 15L, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **10/05/2006**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		KRENE	010	FACF	IF		FB				
		ZOWEE	020	FAF	TF		FB	0.5	155.1(144T)	006.1	02100
		ADCOK	021	SDF	TF		FB	0.3	155.2(144T)	003.4	00980
		RW15L	030	MAP	TF		FO	0.3	155.2(144T)	002.5	00189
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		DUDDS	040		DF		FO	1.0			02500
		DUDDS	050		HM	L	FO	2.0	335.3(324T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADCOK	N391316.34	W0764141.56	N3913.272	W07641.693
	DUDDS	N390048.21	W0763010.61	N3900.804	W07630.177
	KRENE	N392058.90	W0764851.28	N3920.982	W07648.855
	ZOWEE	N391602.15	W0764415.37	N3916.036	W07644.256
	RW15L	N391114.54	W0763948.74	N3911.242	W07639.812

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15L	00142	47

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	**ELEVATION: 146 TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) RWY 15L, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **10/05/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DEUTZ (IF)	KEXBE (FB)	224.28 / 6.10	1800

MISSED APPROACH

LNAV: RW22

CLIMBING LEFT TURN TO 2500 DIRECT BOAST AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 288.00 INBOUND.
CHART FAS OBST: 340 TOWER 391231N/0763828W
CHART VDP AT 1.30 MILES TO RW22.
KEXBE TO RW22: 3.04/47.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DEUTZ
3. FAC: 224.24 FAF: KEXBE DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: DEUTZ 2000, KEXBE 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW22 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	457	600	1	457	600	1 1/4	457	600	1 1/2	457			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 146 TDZE: 143 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 22, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 10/05/2000

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOAST K60    C     N39085444W076253841                    W0114     NAR           BOAST
        SUSAEAENRT   DEUTZ K60    W     N39200790W076314519                    W0113     NAR           DEUTZ
        SUSAEAENRT   KEXBE K60    W     N39150152W076360380                    W0114     NAR           KEXBE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146         1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6FR22   R      010DEUTZK6EA0E  I    IF                                                  18000                B JS
        SUSAP KBWIK6FR22   R      020KEXBEK6EA1E  F 051TF                    22430061    + 01800                  RW22  K6PGB JS
        SUSAP KBWIK6FR22   R      020KEXBEK6EA2WN          N          ALNAV                                                    JS
        SUSAP KBWIK6FR22   R      030RW22 K6PG0GY M 031TF                    22420050      00185            -304          B JS
        SUSAP KBWIK6FR22   R      040BOASTK6EA0EYM L010DF                                + 02500                          B JS
        SUSAP KBWIK6FR22   R      050BOASTK6EA0EE HL020HM                    28800040    + 02500                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6GRW22    0060002242 N39105038W076393521+0100    +00093001380000047150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6SRW22 K6PG              0   18018002625                                                                    M
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CITY AND STATE	ELEVATION: 146 TDZE: 143	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1** 25 SEP 2008	AMDT: **ORIG** DATED: **10/05/2000**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		DEUTZ	010	FACF	IF		FB				
		KEXBE	020	FAF	TF		FB	0.5	224.3(213T)	006.1	01800
		RW22	030	MAP	TF		FO	0.3	224.2(213T)	005.0	00185

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BOAST	040		DF	L	FO	1.0			02500
	BOAST	050		HM	L	FO	2.0	288.0(277T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOAST	N390854.44	W0762538.41	N3908.907	W07625.640
	DEUTZ	N392007.90	W0763145.19	N3920.132	W07631.753
	KEXBE	N391501.52	W0763603.80	N3915.025	W07636.063
	RW22	N391050.38	W0763935.21	N3910.840	W07639.587

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00138	47

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	ELEVATION: 146 TDZE: 143 AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 22, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 10/05/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DUDDS (IF)	ORIOL (FB)	335.38 / 6.37	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33R

CLIMB TO 3000 DIRECT KRENE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 155.23 INBOUND.
CHART FAS OBST: 185 OL VORTAC 391016N/0763941W
CHART FAS OBST: 189 TREE 391051N/0763915W
CHART 533 TOWER 390558N/0763721W.

DISTANCE TO THLD FROM 268 HAT: 0.70 NM.
CHART VDP AT 1.29 MILES TO RW33R* *LNAV ONLY.
WAAS CHANNEL # 69208
REFERENCE PATH ID: W33B
CHART TDZE 124.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DUDDS
3. FAC: 335.27 FAF: ORIOL DIST FAF TO MAP: 5.66 THLD: 5.66
4. MIN. ALT: DUDDS 2000, ORIOL 2000, ZOXAM/2.40 NM TO RW33R 940*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: ORIOL OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.3 34:1 IS CLEAR
8. MSA FROM: RW33R 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ____ | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	392	2400	268	392	2400	268	392	2400	268	392	2400	268			
LNAV/VNAV DA	518	5000	394	518	5000	394	518	5000	394	518	5000	394			
LNAV MDA	580	2400	456	580	2400	456	580	4000	456	580	5000	456			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY TO RVR 5000 ALL CATS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
*LNAV ONLY

CITY AND STATE	ELEVATION: 146 TDZE: 124	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 33R, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW33R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33B
LTP/FTP LATITUDE	391034.4500N
LTP/FTP LONGITUDE	0763911.6300W
LTP/FTP ELLIPSOIDAL HEIGHT	+00021
FPAP LATITUDE	391114.5400N
FPAP LONGITUDE	0763948.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00056.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	84.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B6709BB7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00348
FPAP ORTHOMETRIC HEIGHT	+00348

CITY AND STATE	ELEVATION: 146 TDZE: 124	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) RWY 33R, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED: 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   DUDDS K60    C     N39004821W076301061                    W0114     NAR           DUDDS
          SUSAEAENRT   KRENE K60    W     N39205890W076485128                    W0113     NAR           KRENE
          SUSAEAENRT   ORIOL K60    W     N39055876W076345680                    W0113     NAR           ORIOL
          SUSAEAENRT   ZOXAM K60    W     N39083749W076372344                    W0114     NAR           ZOXAM

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146         1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6FR33R  R      010DUDDSK6EA0E  I    IF                                          18000               A JS
          SUSAP KBWIK6FR33R  R      020ORIOLK6EA1E  F 051TF                    33540064    + 02000                RW33R K6PGA JS
          SUSAP KBWIK6FR33R  R      020ORIOLK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
          SUSAP KBWIK6FR33R  R      021ZOXAMK6EA0E S  031TF                    33530033    V 0094000941       -300          A JS
          SUSAP KBWIK6FR33R  R      030RW33RK6PG0GY M 031TF                    33530024      00170            -300          A JS
          SUSAP KBWIK6FR33R  R      040KRENEK6EA0EYM  010DF                                + 03000                         A JS
          SUSAP KBWIK6FR33R  R      050KRENEK6EA0EE HR020HM                    15520040    + 03000                         A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6GRW33R   0050003352 N39103445W076391163+0500    +0002100114000056100I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6PR33R  RW33R001 0000W33B0N3910344500W0763911630O+000210300N3911145400W0763948740008475000000563F400500B6709BB7
          SUSAP KBWIK6PR33R  RW33R002E      +00348+00348LPV       69208          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6SRW33RK6PG              0   18018002625                                                                  M
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CITY AND STATE	ELEVATION: 146 TDZE: 124	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) RWY 33R, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		DUDDS	010	FACF	IF		FB				
		ORIOL	020	FAF	TF		FB	0.5	335.4(324T)	006.4	02000
		ZOXAM	021	SDF	TF		FB	0.3	335.3(324T)	003.3	00940
		RW33R	030	MAP	TF		FO	0.3	335.3(324T)	002.4	00170

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KRENE	040		DF		FO	1.0			03000
	KRENE	050		HM	R	FO	2.0	155.2(144T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUDDS	N390048.21	W0763010.61	N3900.804	W07630.177
	KRENE	N392058.90	W0764851.28	N3920.982	W07648.855
	ORIOL	N390558.76	W0763456.80	N3905.979	W07634.947
	ZOXAM	N390837.49	W0763723.44	N3908.625	W07637.391
	RW33R	N391034.45	W0763911.63	N3910.574	W07639.194

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33R	00114	56

CITY AND STATE	ELEVATION: 146 TDZE: 124	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) RWY 33R, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COLUM (IF)	JEANS (FB)	105.05 / 6.05	1500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

CLIMB TO 2500 DIRECT HURTZ AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 285.38 INBOUND.
CHART FAS OBST: 319 TREE 391108N/0764215W
CHART FAS OBST: 330 TOWER 391126N/0764438W
CHART 555 TOWER 391020N/0764635W.
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.21 MILES TO RW10* *LNAV ONLY.
WAAS CHANNEL # 53707
REFERENCE PATH ID: W10A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COLUM
3. FAC: 105.14 FAF: JEANS DIST FAF TO MAP: 4.05 THLD: 4.05
4. MIN. ALT: COLUM 2000, JEANS 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: JEANS OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW10 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	343	2400	200	343	2400	200	343	2400	200	343	2400	200			
LNAV/VNAV DA	634	6000	491	634	6000	491	634	6000	491	634	6000	491			
LNAV MDA	580	2400	437	580	2400	437	580	4000	437	580	5000	437			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
BALTIMORE, MD	ELEVATION: 146 TDZE: 143 BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 10, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 10 AMDT: ORIG DATED 05/10/2007

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	391028.6900N
LTP/FTP LONGITUDE	0764115.6600W
LTP/FTP ELLIPSOIDAL HEIGHT	+00105
FPAP LATITUDE	391021.3300N
FPAP LONGITUDE	0763906.9500W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	0745D568

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00430
FPAP ORTHOMETRIC HEIGHT	+00430

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   COLUM K60    W     N39111229W076541298                    W0114     NAR           COLUM
          SUSAEAENRT   HURTZ K60    W     N39092871W076240821                    W0114     NAR           HURTZ
          SUSAEAENRT   JEANS K60    W     N39104634W076462722                    W0114     NAR           JEANS

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146         1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6FR10-Y R      010COLUMK6EA0E  I    IF                                          18000               A JS
          SUSAP KBWIK6FR10-Y R      020JEANSK6EA1E  F 051TF                  10510061    + 01500                RW10  K6PGA JS
          SUSAP KBWIK6FR10-Y R      020JEANSK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
          SUSAP KBWIK6FR10-Y R      030RW10 K6PG0GY M 031TF                  10510041      00196            -300          A JS
          SUSAP KBWIK6FR10-Y R      040HURTZK6EA0EYM  010DF                               + 02500                        A JS
          SUSAP KBWIK6FR10-Y R      050HURTZK6EA0EE HR020HM                  28540040    + 02500                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6GRW10    0099521052 N39102869W076411566-0100    +00105001410550552001

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6PR10-Y RW10 001Y0000W10A0N3910286900W07641156600+001050300N3910213300W0763906950010675006400055OF4003500745D568
          SUSAP KBWIK6PR10-Y RW10 002E      +00430+00430LPV       53707          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBWIK6SRW10 K6PG               0   18018002625                                                                M
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CITY AND STATE	ELEVATION: 146 TDZE: 143	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 10
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 10, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		COLUM	010	FACF	IF		FB				
		JEANS	020	FAF	TF		FB	0.5	105.1(094T)	006.1	01500
		RW10	030	MAP	TF		FO	0.3	105.1(094T)	004.1	00196

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HURTZ	040		DF		FO	1.0			02500
	HURTZ	050		HM	R	FO	2.0	285.4(274T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COLUM	N391112.29	W0765412.98	N3911.205	W07654.216
	HURTZ	N390928.71	W0762408.21	N3909.479	W07624.137
	JEANS	N391046.34	W0764627.22	N3910.772	W07646.454
	RW10	N391028.69	W0764115.66	N3910.478	W07641.261

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10	00141	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146 TDZE: 143** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 10, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 10** AMDT: **ORIG** DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EMI VORTAC (IAF)	BMORE (FB)	153.38 / 10.60	2500
BMORE (IF)	KEVVN (FB)	155.10 / 6.65	2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15R

CLIMB TO 2500 DIRECT JANNS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 335.31 INBOUND.
CHART FAS OBST: 339 TREE 391157N/0764054W
CHART: 379 TREE 3913040N/0764318W.
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.28 MILES TO RW15R* *LNAV ONLY.
WAAS CHANNEL # 66007
REFERENCE PATH ID: W15B
CHART TDZE 139.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BMORE
3. FAC: 155.15 FAF: KEVVN DIST FAF TO MAP: 5.89 THLD: 5.89
4. MIN. ALT: BMORE 2500, KEVVN 2100, TATTO/2.70 NM TO RW15R 1060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: KEVVN OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW15R 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	339	2400	200	339	2400	200	339	2400	200	339	2400	200			
LNAV/VNAV DA	659	6000	520	659	6000	520	659	6000	520	659	6000	520			
LNAV MDA	600	2400	461	600	2400	461	600	4000	461	600	5000	461			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EMI VORTAC ON AIRWAY RADIALS 151 CW 187.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	ELEVATION: 146 TDZE: 139 AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 15R, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW15R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15B
LTP/FTP LATITUDE	391107.3200N
LTP/FTP LONGITUDE	0764055.1400W
LTP/FTP ELLIPSOIDAL HEIGHT	+00097
FPAP LATITUDE	390951.1500N
FPAP LONGITUDE	0763944.5800W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	14FCF402

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00422
FPAP ORTHOMETRIC HEIGHT	+00422

CITY AND STATE	ELEVATION: 146 TDZE: 139	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 15R, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED: 05/08/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EMI    K6011790VTHA N39294203W076584286    N39294203W076584286W008000820      NARWESTMINSTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BMORE K60    W     N39211749W076502233                    W0113     NAR           BMORE
        SUSAEAENRT   JANNS K60    W     N38593232W076301323                    W0111     NAR           JANNS
        SUSAEAENRT   KEVVN K60    W     N39155412W076452131                    W0114     NAR           KEVVN
        SUSAEAENRT   TATTO K60    W     N39131881W076425708                    W0113     NAR           TATTO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146         1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6FR15RY AEMI   010EMI  K6D 0V  A    IF                                          18000              A JS
        SUSAP KBWIK6FR15RY AEMI   020BMOREK6EA0EE   010TF                    15340106    + 02500                     A JS
        SUSAP KBWIK6FR15RY R      010BMOREK6EA0E  I    IF                               + 02500    18000            A JS
        SUSAP KBWIK6FR15RY R      020KEVVNK6EA1E  F 051TF                    15510067    + 02100              RW15R K6PGA JS
        SUSAP KBWIK6FR15RY R      020KEVVNK6EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KBWIK6FR15RY R      021TATTOK6EA0E S  031TF                    15520032    V 0106001061       -300   A JS
        SUSAP KBWIK6FR15RY R      030RW15RK6PG0GY M 031TF                    15520027      00194            -300   A JS
        SUSAP KBWIK6FR15RY R      040JANNSK6EA0EYM  010DF                               + 02500                     A JS
        SUSAP KBWIK6FR15RY R      050JANNSK6EA0EE HL020HM                    33530040    + 02500                     A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6GRW15R   0095011552 N39110732W076405514-0100     +0009700139000063150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 146 TDZE: 139	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 15R, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

FINAL CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KBWIK6PR15RY RW15R001Y0000W15B0N3911073200W0764055140O+000970300N3909511500W0763944580010675000000550F40035014FCF402
SUSAP KBWIK6PR15RY RW15R002E      +00422+00422LPV       66007          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6SRW15RK6PG              0   18018002625                                                              M
```

CITY AND STATE	ELEVATION: 146 TDZE: 139	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 15R, AMDT 1 25 SEP 2008	AMDT: ORIG-A
				DATED: 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EMI	EMI	010	IAF	IF		FB				
	EMI	BMORE	020		TF		FB	1.0	153.4(142T)	010.6	02500
		BMORE	010	FACF	IF		FB				02500
		KEVVN	020	FAF	TF		FB	0.5	155.1(144T)	006.7	02100
		TATTO	021	SDF	TF		FB	0.3	155.2(144T)	003.2	01060
		RW15R	030	MAP	TF		FO	0.3	155.2(144T)	002.7	00194

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JANNS	040		DF		FO	1.0			02500
	JANNS	050		HM	L	FO	2.0	335.3(324T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EMI	N392942.03	W0765842.86	N3929.701	W07658.714
	BMORE	N392117.49	W0765022.33	N3921.292	W07650.372
	JANNS	N385932.32	W0763013.23	N3859.539	W07630.221
	KEVVN	N391554.12	W0764521.31	N3915.902	W07645.355
	TATTO	N391318.81	W0764257.08	N3913.314	W07642.951
	RW15R	N391107.32	W0764055.14	N3911.122	W07640.919

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15R	00139	63

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146 TDZE: 139** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 15R, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG-A** DATED: **05/10/2007**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

VALID
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HURTZ (IF)	JURTI (FB)	285.38 / 6.18	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 2500 DIRECT COLUM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 105.05 INBOUND.
CHART FAS OBST: 188 TREE 391042N/0763910W
CHART FAS OBST: 201 BLDG 391017N/0763713W
CHART 511 TOWER 391049N/0763259W.
CHART 741 STACK 391053N/0763217W.
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 0.92 MILES TO RW28* *LNAV ONLY.
WAAS CHANNEL # 48808
REFERENCE PATH ID: W28A
CHART TDZE 142.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HURTZ
3. FAC: 285.30 FAF: JURTI DIST FAF TO MAP: 5.62 THLD: 5.62
4. MIN. ALT: HURTZ 2000, JURTI 2000, ZIXUS/2.00 NM TO RW28 820*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: JURTI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS CLEAR
8. MSA FROM: RW28 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A | ____ | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	342	2400	200	342	2400	200	342	2400	200	342	2400	200			
LNAV/VNAV DA	567	5000	425	567	5000	425	567	5000	425	567	5000	425			
LNAV MDA	480	2400	338	480	2400	338	480	2400	338	480	5000	338			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
SEE 8260-10

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 28, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	**ELEVATION: 146 TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 28, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	391021.8400N
LTP/FTP LONGITUDE	0763915.9600W
LTP/FTP ELLIPSOIDAL HEIGHT	+00065
FPAP LATITUDE	391029.1000N
FPAP LONGITUDE	0764122.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	39425FCF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00392
FPAP ORTHOMETRIC HEIGHT	+00392

CITY AND STATE	AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	ELEVATION: 146 TDZE: 142 BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 28, AMDT 1 25 SEP 2008	AMDT: ORIG-A DATED: 05/10/2007

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COLUM K60    W     N39111229W076541298                    W0114     NAR           COLUM
        SUSAEAENRT   HURTZ K60    W     N39092871W076240821                    W0114     NAR           HURTZ
        SUSAEAENRT   JURTI K60    W     N39095680W076320385                    W0114     NAR           JURTI
        SUSAEAENRT   ZIXUS K60    W     N39101297W076364208                    W0113     NAR           ZIXUS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146         1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6FR28-Y R      010HURTZK6EA0E  I    IF                                                  18000                A JS
        SUSAP KBWIK6FR28-Y R      020JURTIK6EA1E  F 051TF                    28540062    + 02000                    RW28  K6PGA JS
        SUSAP KBWIK6FR28-Y R      020JURTIK6EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KBWIK6FR28-Y R      021ZIXUSK6EA0E S  031TF                    28530036    V 0082000825        -300            A JS
        SUSAP KBWIK6FR28-Y R      030RW28 K6PG0GY M 031TF                    28530020      00184             -300            A JS
        SUSAP KBWIK6FR28-Y R      040COLUMK6EA0EYM  010DF                                + 02500                           A JS
        SUSAP KBWIK6FR28-Y R      050COLUMK6EA0EE HL020HM                    10510040    + 02500                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6GRW28    0100022852 N39102184W076391596+0100    +00065001290500552001

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6PR28-Y RW28 001Y0000W28A0N3910218400W07639159600+000650300N3910291000W0764122630010675000000549F40035039425FCF
        SUSAP KBWIK6PR28-Y RW28 002E      +00392+00392LPV       48808          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBWIK6SRW28 K6PG              0   18018002625                                                                      M
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CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 28, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		HURTZ	010	FACF	IF		FB				
		JURTI	020	FAF	TF		FB	0.5	285.4(274T)	006.2	02000
		ZIXUS	021	SDF	TF		FB	0.3	285.3(274T)	003.6	00820
		RW28	030	MAP	TF		FO	0.3	285.3(274T)	002.0	00184
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		COLUM	040		DF		FO	1.0			02500
		COLUM	050		HM	L	FO	2.0	105.1(094T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COLUM	N391112.29	W0765412.98	N3911.205	W07654.216
	HURTZ	N390928.71	W0762408.21	N3909.479	W07624.137
	JURTI	N390956.80	W0763203.85	N3909.947	W07632.064
	ZIXUS	N391012.97	W0763642.08	N3910.216	W07636.701
	RW28	N391021.84	W0763915.96	N3910.364	W07639.266

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00129	55

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 28, AMDT 1** 25 SEP 2008	AMDT: **ORIG-A** DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JANNS (IF)	GRAFE (FB)	335.31 / 8.61	1500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33L

CLIMB TO 3000 DIRECT BMORE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 155.10 INBOUND.
CHART FAS OBST: 250 TOWER 390931N/0764000W
CHART FAS OBST: 290 TOWER 390842N/0763900W
CHART 533 TOWER 390558N/0763721W.
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 1.10 MILES TO RW33L* *LNAV ONLY.
WAAS CHANNEL # 82207
REFERENCE PATH ID: W33A
CHART TDZE 142.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JANNS
3. FAC: 335.24 FAF: GRAFE DIST FAF TO MAP: 4.09 THLD: 4.09
4. MIN. ALT: JANNS 2000, GRAFE 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: GRAFE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.5 34:1 IS CLEAR
8. MSA FROM: RW33L 2600

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	342	2400	200	342	2400	200	342	2400	200	342	2400	200			
LNAV/VNAV DA	510	4000	368	510	4000	368	510	4000	368	510	4000	368			
LNAV MDA	540	2400	398	540	2400	398	540	2400	398	540	5000	398			
CIRCLING	640	1	494	640	1	494	640	1 1/2	494	740	2	594			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	RNAV (GPS) Y RWY 33L, AMDT 1 25 SEP 2008	AMDT: ORIG-B
				DATED 5/23/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBWI
RUNWAY	RW33L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	390951.1500N
LTP/FTP LONGITUDE	0763944.5800W
LTP/FTP ELLIPSOIDAL HEIGHT	+00067
FPAP LATITUDE	391107.3200N
FPAP LONGITUDE	0764055.1500W
THRESHOLD CROSSING HEIGHT (TCH)	00053.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5744F75E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00394
FPAP ORTHOMETRIC HEIGHT	+00394

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   BMORE K60    W     N39211749W076502233                    W0113     NAR           BMORE
         SUSAEAENRT   GRAFE K60    W     N39063187W076364020                    W0113     NAR           GRAFE
         SUSAEAENRT   JANNS K60    W     N38593232W076301323                    W0111     NAR           JANNS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBWIK6ABWI     0     105YHN39103130W076400600W011000146        1800018000C    MNAR    BALTIMORE-WASHINGTON INTL THUR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBWIK6FR33LY R      010JANNSK6EA0E  I    IF                                          18000               A JS
         SUSAP KBWIK6FR33LY R      020GRAFEK6EA1E  F 051TF                    33530086    + 01500                RW33L K6PGA JS
         SUSAP KBWIK6FR33LY R      020GRAFEK6EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
         SUSAP KBWIK6FR33LY R      030RW33LK6PG0GY M 031TF                    33520041      00183            -300          A JS
         SUSAP KBWIK6FR33LY R      040BMOREK6EA0EYM  010DF                                + 03000                         A JS
         SUSAP KBWIK6FR33LY R      050BMOREK6EA0EE HR020HM                    15510040    + 03000                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBWIK6GRW33L   0095013352 N39095115W076394458+0100    +0006700129000054150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBWIK6PR33LY RW33L001Y0000W33A0N3909511500W07639445800+000670300N3911073200W0764055150010650000000535F4003505744F75E
         SUSAP KBWIK6PR33LY RW33L002E      +00394+00394LPV       82207          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBWIK6SRW33LK6PG               0   18018002625                                                                    M
```

CITY AND STATE	ELEVATION: 146 TDZE: 142	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**RNAV**	**RNAV (GPS) Y RWY 33L, AMDT 1** 25 SEP 2008	AMDT: **ORIG-B** DATED: **5/23/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		JANNS	010	FACF	IF		FB				
		GRAFE	020	FAF	TF		FB	0.5	335.3(324T)	008.6	01500
		RW33L	030	MAP	TF		FO	0.3	335.2(324T)	004.1	00183

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BMORE	040		DF		FO	1.0			03000
	BMORE	050		HM	R	FO	2.0	155.1(144T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BMORE	N392117.49	W0765022.33	N3921.292	W07650.372
	GRAFE	N390631.87	W0763640.20	N3906.531	W07636.670
	JANNS	N385932.32	W0763013.23	N3859.539	W07630.221
	RW33L	N390951.15	W0763944.58	N3909.853	W07639.743

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33L	00129	54

CITY AND STATE					
BALTIMORE, MD	**ELEVATION: 146** **TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	FACILITY IDENTIFIER: **RNAV**	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: **RNAV (GPS) Y RWY 33L, AMDT 1** 25 SEP 2008	SUP:	
				AMDT: **ORIG-B**	
				DATED: **5/23/2007**	

VALID Y 2 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: ____

MAG VAR: ____ EPOCH YEAR: ____

TAKEOFF: ____ STANDARD ____ SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE	ELEVATION: 146 TDZE: 139	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	AIRPORT NAME: **BALTIMORE-WASHINGTON INTL**	**RNAV**	**RNAV (GPS) Z RWY 15R, ORIG-A, 10/05/2000**	AMDT: **ORIG**
				DATED **10/05/2000**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT:
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BALTIMORE, MD	**ELEVATION: 146 TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL**	**RNAV**	**RNAV (GPS) Z RWY 28, ORIG-A, 10/05/2000**	AMDT: **ORIG**
				DATED **10/05/2000**

QUALITY 2

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COLUM (IF)(40E)(43I)	JEANS (TF)(FB)(RNP 0.50)(40E)(43F)	105.05/6.05	1500
JEANS (FAF)(40E)(43F)	RW10 (TF)(FO)(40G)(41Y)(43M)	105.14/4.05	
RW10 (MAP)(40G)(41Y)(43M)	HURTZ (DF)(FO)(RNP 1.00)(40E)(41E)(43H)	105.20/13.36	2500

MISSED APPROACH

MAP: DA

CLIMB TO 2500 VIA 105.20 TRACK TO HURTZ AND HOLD.

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT COLUM
3. FAC: 105.14 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: COLUM 2000, JEANS 1500
5. DIST TO THLD FROM OM: 4.05 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 1500 GS ALT AT: JEANS 1500 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS CLEAR
8. MSA FROM: RW10 2600

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 285.38 INBOUND.
CHART FAS OBST: 327 ANTENNA 391055N/0764222W.
DISTANCE TO THLD FROM 517 HAT: 1.46 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART IN PLANVIEW: MANDATORY 2000 AT COLUM, MANDATORY 1500 AT JEANS.
CHART IN PROFILE: MANDATORY 2000 AT COLUM, MANDATORY 1500 AT JEANS.
#TCH 196.2 MSL (DO NOT CHART)

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	660	6000	517	660	6000	517	660	6000	517	660	6000	517			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 48C (118F). GPS REQUIRED. FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/4.
CHART PLANVIEW NOTE: RADAR REQUIRED.

CITY AND STATE	ELEVATION: 146 TDZE: 143 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BALTIMORE, MD	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 10, ORIG	AMDT: NONE DATE

QUALITY 1

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EMI VORTAC (IAF)(40V)(43A)	BMORE (TF)(FB)(RNP 1.00)(40E)(41E)	153.38/10.60	2500
BMORE (IF)(40E)(43I)	KEVVN (TF)(FB)(RNP 0.50)(40E)(43F)	155.10/6.65	2100
KEVVN (FAF)(40E)(43F)	RW15R (TF)(FO)(40G)(41Y)(43M)	155.15/5.89	
RW15R (MAP)(40G)(41Y)(43M)	JANNS (DF)(FO)(RNP 1.00)(40E)(41E)(43H)	155.20/14.26	2500

MISSED APPROACH

MAP: DA

CLIMB TO 2500 VIA 155.20 TRACK TO JANNS AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 335.31 INBOUND.
CHART FAS OBST: 260 ANTENNA 391151N/0764121W.
CHART FAS OBST: 339 TREE 391157N/0764054W.
CHART: 255 ANTENNA 391151N/0764121W.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BMORE
3. FAC: 155.15 FAF: KEVVN DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: BMORE 2500, KEVVN 2100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: KEVVN 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW15R 2600

DISTANCE TO THLD FROM 443 HAT: 1.22 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART IN PLANVIEW: MANDATORY 4000 AT EMI VORTAC, MANDATORY 2500 AT BMORE, MANDATORY 2100 AT KEVVN. CHART IN PROFILE: MANDATORY 2500 AT BMORE, MANDATORY 2100 AT KEVVN. (CON'T IN NOTES)

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA	582	5000	443	582	5000	443	582	5000	443	582	5000	443			
RNP 0.30 DA	640	6000	501	640	6000	501	640	6000	501	640	6000	501			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 48C (118F). VISIBILITY REDUCTION BY HELICOPTERS NA. FOR INOPERATIVE MALSR, INCREASE RNP 0.20 ALL CATS VISIBILITY TO 1 1/2, AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/4.
#TCH 193.6 MSL (DO NOT CHART)
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EMI VORTAC ON AIRWAY RADIALS 151 CW 187.

CITY AND STATE	ELEVATION: 146 TDZE: 139 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BALTIMORE, MD	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 15R, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BILIT (IAF)(40E)(43A)	HURTZ (TF)(FB)(RNP 1.00)(40E)(41E)	338.06/28.86	2000
RAVNN (IAF)(40E)(43A)	ZUKBU (TF)(FB)(RNP 1.00)(40E)	054.62/16.57	2000
ZUKBU (40E)	HURTZ (TF)(FB)(RNP 1.00)(40E)(41E)	337.93/11.00	2000
HURTZ (IF)(40E)(43I)	JURTI (TF)(FB)(RNP 0.50)(40E)(43F)	285.38/6.18	2000
JURTI (FAF)(40E)(43F)	RW28 (TF)(FO)(40G)(41Y)(43M)	285.30/5.62	2000
RW28 (MAP)(40G)(41Y)(43M)	COLUM (DF)(FO)(RNP 1.00)(40E)(41E)(43H)	285.21/11.64	2500

MISSED APPROACH

MAP: DA

CLIMB TO 2500 VIA 285.21 TRACK TO COLUM AND HOLD.

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT HURTZ
3. FAC: 285.30 FAF: JURTI DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: HURTZ 2000, JURTI 2000
5. DIST TO THLD FROM OM: 5.62 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 2000 GS ALT AT: JURTI 2000 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 54.9# 34:1 IS CLEAR
8. MSA FROM: RW28 2600

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 105.05 INBOUND.
CHART FAS OBST: 137 HOTEL 391015N/0763830W.
DISTANCE TO THLD FROM 351 HAT: 0.97 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART IN PLANVIEW: MANDATORY 6000 AT RAVNN.
MANDATORY 11,000 AND MAX 250 KTS AT BILIT.
MANDATORY 2000 AT HURTZ. MANDATORY 2000 AT JURTI.
CHART IN PROFILE: MANDATORY 2000 AT HURTZ.
MANDATORY 2000 AT JURTI.
#TCH 183.5 MSL (DO NOT CHART)

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	493	4000	351	493	4000	351	493	4000	351	493	4000	351			

NOTES: CHART NOTES: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000. GPS REQUIRED.
FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 48C (118F).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RAVNN VIA V379 WESTBOUND.

CITY AND STATE	ELEVATION: 146 TDZE: 142 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BALTIMORE, MD	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 28, ORIG	AMDT: NONE DATE

QUALITY

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WILOO/18.67 DME/RADAR (IAF)	LEWUK/15.81 DME/RADAR	034.71 / 2.86 (I-HUU)	6000*
LEWUK/15.81 DME/RADAR	LIONZ/12.90 DME/RADAR	034.71 / 2.90 (I-HUU)	5000*
LIONZ/12.90 DME/RADAR	WATCH/9.95 DME/RADAR	034.71 / 2.95 (I-HUU)	4000*
WATCH/9.95 DME/RADAR (IF)	RIBME/6.96 DME/RADAR	034.71 / 3.00 (I-HUU)	3000*
RIBME/6.96 DME/RADAR	NUVUE/5.74 DME/RADAR	034.71 / 1.21 (I-HUU)	2600

MISSED APPROACH

ILS: DA
LOC: 5.91 MILES AFTER NUVUE/5.74 DME/RADAR OR AT I-HUU 0.17 DME FIX

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SPENC LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT YQG VOR/DME AND HOLD SE, RT, 326.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 275.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SE YQG VOR/DME, RT, 326.00 INBOUND.
CHART FAS OBST: 727 TREE 421112N/0832143W
CHART VDP AT 0.71 DME;
DISTANCE VDP TO THLD 0.87 MILES.
CHART IN PLANVIEW: YQG VOR/DME.
CHART LOC RWY 4R.
CHART LOC RWY 4L.
CHART AIRPORT ELEV 645

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WILOO/18.67 DME/RADAR
3. FAC: 034.71 FAF: NUVUE/5.74 DME/RADAR DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: WILOO 7000, LEWUK 6000*, LIONZ 5000*, WATCH 4000*, RIBME 3000*, NUVUE 2600, HOKKR/1.64 DME 1240%
5. DIST TO THLD FROM OM: 5.91 MM: 0.46 IM: 885 150 HAT: - 100 HAT: 864 GS ANT: 1030
6. MIN GS INCPT: 2600 GS ALT AT: NUVUE/5.74 DME/RADAR 2600 OM: - MM: 833 IM: 733
7. GS ANGLE: 3.00 TCH: 54.7
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 3R	833	1800	200	833	1800	200	833	1800	200	833	1800	200			
S-LOC 3R	1240	2400	607	1240	2400	607	1240	6000	607	1240	1 1/2	607			
CIRCLING	1240	1	595	1240	1	595	1240	1 3/4	595	1240	2	595			
HOKKR FIX MINIMUMS															
S-LOC 3R	980	2400	347	980	2400	347	980	2400	347	980	4000	347			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 3R: DA 733 MSL, 101 RA, RVR 1200, HAT 100; CATS A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 3R: CAT IIIA RVR 700; CATS A, B, C, D. CAT IIIB RVR 600; CATS A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 633 DETROIT METROPOLITAN WAYNE COUNTY	I-HUU	ILS OR LOC RWY 3R, AMDT 15 ILS RWY 3R (CAT II), ILS RWY 3R (CAT III) 25 SEP 2008	SUP: ILS RWY 3R AMDT: 14 DATED 08/08/2002

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 4R OR RWY 4L.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
% LOC ONLY
CHART NOTE: ADF AND DME OR RADAR REQUIRED.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 633** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-HUU**	**ILS OR LOC RWY 3R, AMDT 15** **ILS RWY 3R (CAT II), ILS RWY 3R (CAT III)** 25 SEP 2008	SUP: **ILS RWY 3R** AMDT: **14** DATED: **08/08/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JULEP/20.96 DME/RADAR (IAF)	CULOP/18.10 DME/RADAR	034.69 / 2.86 (I-DTW)	6000*
CULOP/18.10 DME/RADAR	HIMEX/15.19 DME/RADAR	034.69 / 2.91 (I-DTW)	5000*
HIMEX/15.19 DME/RADAR (IF)	EVABE/12.25 DME/RADAR	034.69 / 2.95 (I-DTW)	4000*
EVABE/12.25 DME/RADAR	JELLY/9.25 DME/RADAR	034.69 / 3.00 (I-DTW)	3000*
JELLY/9.25 DME/RADAR	ETALE/8.04 DME/RADAR	034.69 / 1.21 (I-DTW)	2600

MISSED APPROACH

ILS: DA
LOC: 5.90 MILES AFTER ETALE/8.04 DME/RADAR OR AT I-DTW 2.14 DME FIX

CLIMB TO 3000 THEN RIGHT TURN DIRECT MADDS LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 THEN LEFT TURN DIRECT PSI VORTAC AND HOLD NW, RT, 124.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 148.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW PSI VORTAC, RT, 124.00 INBOUND.
CHART FAS OBST: 782 TOWER 421051N/0832322W
CHART VDP AT 3.22 DME;
DISTANCE VDP TO THLD 1.08 MILES.
CHART IN PLANVIEW: PSI VORTAC.
CHART AIRPORT ELEV 645
CHART LOC RWY 3R

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JULEP/20.96 DME/RADAR
3. FAC: 034.69 FAF: ETALE/8.04 DME/RADAR DIST FAF TO MAP: 5.90 THLD: 5.90
4. MIN. ALT: JULEP 7000, CULOP 6000*, HIMEX 5000*, EVABE 4000*, JELLY 3000*, ETALE 2600
5. DIST TO THLD FROM OM: 5.90 MM: - IM: 915 150 HAT: - 100 HAT: 891 GS ANT: 1001
6. MIN GS INCPT: 2600 GS ALT AT: ETALE/8.04 DME/RADAR 2600 OM: - MM: - IM: 739
7. GS ANGLE: 3.00 TCH: 54.1
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 4R	838	1800	200	838	1800	200	838	1800	200	838	1800	200			
S-LOC 4R	1040	2400	402	1040	2400	402	1040	2400	402	1040	4000	402			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 4R: DA 738 MSL, 101 RA, RVR 1200, HAT 100; CATS A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 4R: CAT IIIA RVR 700; CATS A, B, C, D. CAT IIIB RVR 600; CATS A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 645 TDZE: 638	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DTW	ILS OR LOC RWY 4R, AMDT 16 ILS RWY 4R (CAT II), ILS RWY 4R (CAT III) 25 SEP 2008	AMDT: 15A DATED 10/26/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH ILS RWY 3R.
CHART NOTE: ADF AND DME OR RADAR REQUIRED.
CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	**ELEVATION: 645 TDZE: 638** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-DTW**	**ILS OR LOC RWY 4R, AMDT 16** **ILS RWY 4R (CAT II), ILS RWY 4R (CAT III)** 25 SEP 2008	AMDT: **15A** DATED: **10/20/2006**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COUNT/20.64 DME/RADAR (IAF)	TIGRZ/17.78 DME/RADAR	214.72 / 2.86 (I-EJR)	6000*
TIGRZ/17.78 DME/RADAR	ROBBI/14.88 DME/RADAR	214.72 / 2.90 (I-EJR)	5000*
ROBBI/14.88 DME/RADAR (IF)	BALAS/11.93 DME/RADAR	214.72 / 2.95 (I-EJR)	4000*
BALAS/11.93 DME/RADAR	NESBI/8.93 DME/RADAR	214.72 / 3.00 (I-EJR)	3000*
NESBI/8.93 DME/RADAR	PUKLE INT/7.72 DME/RADAR	214.72 / 1.21 (I-EJR)	2600

MISSED APPROACH

ILS: DA
LOC: 5.91 MILES AFTER PUKLE INT/7.72 DME/RADAR OR AT I-EJR 1.81 DME FIX

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT RYS NDB AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 DIRECT CRL VORTAC AND HOLD S, RT, 360.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 043.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S CRL VORTAC, RT, 360.00 INBOUND.
FAS OBST: 824 AAO 421630N/0831748W
CHART VDP AT 3.03 DME;
DISTANCE VDP TO THLD 1.22 MILES.
CHART IN PLANVIEW: CRL VORTAC.
CHART LOC RWY 22L AND RWY 22R
CHART AIRPORT ELEV 645

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COUNT/20.64 DME/RADAR
3. FAC: 214.72 FAF: PUKLE INT/7.72 DME/RADAR DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: COUNT 7000, TIGRZ 6000*, ROBBI 5000*, BALAS 4000*, NESBI 3000*, PUKLE 2600
5. DIST TO THLD FROM OM: 5.91 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1189
6. MIN GS INCPT: 2600 GS ALT AT: PUKLE INT/7.72 DME/RADAR 2600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 21L	832**	2400	200	832**	2400	200	832**	2400	200	832**	2400	200			
S-LOC 21L	1100	2400	468	1100	2400	468	1100	4000	468	1100	5000	468			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RUNWAY 22L OR RUNWAY 22R.
CHART NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000.
SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
DETROIT, MI	ELEVATION: 645 TDZE: 632 DETROIT METROPOLITAN WAYNE COUNTY	I-EJR	ILS OR LOC RWY 21L, AMDT 10 25 SEP 2008	SUP: ILS RWY 21L AMDT: 9 DATED 08/08/2002

FAA FORM 8260 - 3 / December 2002 (computer generated)

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: ADF AND DME OR RADAR REQUIRED.
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR HUD TO DA.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 632** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-EJR**	**ILS OR LOC RWY 21L, AMDT 10** 25 SEP 2008	SUP: **ILS RWY 21L** AMDT: **9** DATED: **08/08/2002**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DRBRN/19.55 DME/RADAR (IAF)	BHOLD/16.56 DME/RADAR	214.71 / 2.99 (I-DWC)	6000*
BHOLD/16.56 DME/RADAR	LUPAY/13.52 DME/RADAR	214.71 / 3.03 (I-DWC)	5000*
LUPAY/13.52 DME/RADAR	OSKER/10.44 DME/RADAR	214.71 / 3.09 (I-DWC)	4000*
OSKER/10.44 DME/RADAR (IF)	ROUGE/7.30 DME/RADAR	214.71 / 3.14 (I-DWC)	3000*
ROUGE/7.30 DME/RADAR	HULKA INT/5.07 DME/RADAR	214.71 / 2.23 (I-DWC)	2300

MISSED APPROACH

ILS: DA
LOC: 5.23 MILES AFTER HULKA INT/5.07 DME/RADAR OR AT I-DWC 0.17 DME FIX

CLIMB TO 3000 DIRECT CRL VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT SPENC LOM AND HOLD E, RT, 275.00 INBOUND, CONTINUE CLIMB-IN-HOLD TO 3000 (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 016.00 INBOUND.
CHART FAS OBST: 770 TOWER 421506N/0831941W
CHART VDP AT 1.05 DME;
DISTANCE VDP TO THLD 1.22 MILES.
CHART IN PLANVIEW: SPENC LOM.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT SPENC LOM.
CHART AIRPORT ELEV 645
CHART LOC RWY 21L.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DRBRN/19.55 DME/RADAR
3. FAC: 214.71 FAF: HULKA INT/5.07 DME/RADAR DIST FAF TO MAP: 5.23 THLD: 5.23
4. MIN. ALT: DRBRN 7000, BHOLD 6000*, LUPAY 5000*, OSKER 4000*, ROUGE 3000*, HULKA 2300
5. DIST TO THLD FROM OM: 5.23 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1201
6. MIN GS INCPT: 2300 GS ALT AT: HULKA INT/5.07 DME/RADAR 2300 OM: - MM: - IM: -
7. GS ANGLE: 2.85 TCH: 57.0
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22L	837**	2400	200	837**	2400	200	837**	2400	200	837**	2400	200			
S-LOC 22L	1080	2400	443	1080	2400	443	1080	4000	443	1080	5000	443			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 21L.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000
SEE 8260-10

CITY AND STATE	ELEVATION: 645 TDZE: 637	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS OR LOC RWY 22L, AMDT 29 25 SEP 2008	AMDT: 28 DATED 07/05/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: **RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	**ELEVATION: 645 TDZE: 637** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-DWC**	**ILS OR LOC RWY 22L, AMDT 29** 25 SEP 2008	AMDT: **28** DATED: **07/05/2007**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NBSTN/20.62 DME/RADAR (IAF)	ACIRA/17.76 DME/RADAR	034.68 / 2.86 (I-HJT)	6000*
ACIRA/17.76 DME/RADAR	ASLLI/14.85 DME/RADAR	034.68 / 2.91 (I-HJT)	5000*
ASLLI/14.85 DME/RADAR (IF)	NATIY/11.90 DME/RADAR	034.68 / 2.95 (I-HJT)	4000*
NATIY/11.90 DME/RADAR	REGGE/8.91 DME/RADAR	034.68 / 3.00 (I-HJT)	3000*
REGGE/8.91 DME/RADAR	PAYED/7.69 DME/RADAR	034.68 / 1.22 (I-HJT)	2600

MISSED APPROACH

ILS: DA
LOC: 5.88 MILES AFTER PAYED/7.69 DME/RADAR OR AT I-HJT 1.81 DME FIX

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT SVM VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT YI LOM AND HOLD SW, LT, 052.71 INBOUND. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 213.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SW YI LOM, LT, 052.71 INBOUND.
CHART FAS OBST: 725 TREE 421129N/0832314W
CHART VDP AT 2.75 DME;
DISTANCE VDP TO THLD 0.94 MILES.
CHART IN PLANVIEW: YI LOM.
CHART LOC RWY 3R

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NBSTN/20.62 DME/RADAR
3. FAC: 034.68 FAF: PAYED/7.69 DME/RADAR DIST FAF TO MAP: 5.88 THLD: 5.88
4. MIN. ALT: NBSTN 7000, ACIRA 6000*, ASLLI 5000*, NATIY 4000*, REGGE 3000*, PAYED 2600
5. DIST TO THLD FROM OM: 5.88 MM: - IM: 859 150 HAT: - 100 HAT: 918 GS ANT: 1065
6. MIN GS INCPT: 2600 GS ALT AT: PAYED 2600PAYED/7.69 DME/RADAR OM: - MM: - IM: 745
7. GS ANGLE: 3.00 TCH: 51.8
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 4L	845	1800	200	845	1800	200	845	1800	200	845	1800	200			
S-LOC 4L	1000	2400	355	1000	2400	355	1000	2400	355	1000	4000	355			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 4L: DA 745 MSL, 101 RA, RVR 1200, HAT 100; CATS A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 4L: CAT IIIA RVR 700; CATS A, B, C, D. CAT IIIB RVR 600; CATS A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 645 TDZE: 645	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 4L
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-HJT	ILS OR LOC Z RWY 4L, AMDT 3 ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III) 25 SEP 2008	AMDT: 2 DATED 09/29/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 3R.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 645** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-HJT**	**ILS OR LOC Z RWY 4L, AMDT 3** **ILS Z RWY 4L (CAT II), ILS Z RWY 4L (CAT III)** 25 SEP 2008	SUP: **ILS OR LOC RWY 4L** AMDT: **2** DATED: **09/29/2005**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
INKSR/18.64 DME/RADAR (IAF)	TARAH/15.78 DME/RADAR	214.69 / 2.86 (I-JKI)	6000*
TARAH/15.78 DME/RADAR	GUYVE/12.87 DME/RADAR	214.69 / 2.91 (I-JKI)	5000*
GUYVE/12.87 DME/RADAR	JOYDD/9.92 DME/RADAR	214.69 / 2.95 (I-JKI)	4000*
JOYDD/9.92 DME/RADAR (IF)	NUJNT/6.92 DME/RADAR	214.69 / 3.00 (I-JKI)	3000*
NUJNT/6.92 DME/RADAR	GEETR/4.80 DME/RADAR	214.69 / 2.13 (I-JKI)	2300

MISSED APPROACH

ILS: DA
LOC: 4.96 MILES AFTER GEETR/4.80 DME/RADAR OR AT I-JKI 0.17 DME FIX

CLIMB TO 1300 THEN CLIMBING RIGHT TURN VIA HEADING 225 TO 3000 THEN RIGHT TURN DIRECT SVM VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 355 AND PSI VORTAC R-176 TO PSI VORTAC AND HOLD NW, RT, 124.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 213.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW PSI VORTAC, RT, 124.00 INBOUND.
CHART FAS OBST: 720 TREE 421415N/0832123W
CHART VDP AT 0.96 DME;
DISTANCE VDP TO THLD 1.12 MILES.
CHART IN PLANVIEW: PSI VORTAC.
CHART: LOC RWY 21L
CHART: AIRPORT ELEV 645
CHART: TDZ ELEV 642

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT INKSR/18.64 DME/RADAR
3. FAC: 214.69 FAF: GEETR/4.80 DME/RADAR DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: INKSR 7000, TARAH 6000*, GUYVE 5000*, JOYDD 4000*, NUJNT 3000*, GEETR 2300
5. DIST TO THLD FROM OM: 4.96 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1055
6. MIN GS INCPT: 2300 GS ALT AT: GEETR/4.80 DME/RADAR 2300 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.1
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22R	842**	2400	200	842**	2400	200	842**	2400	200	842**	2400	200			
S-LOC 22R	1060	2400	418	1060	2400	418	1060	4000	418	1060	4000	418			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 21L.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: **RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.
SEE 8260-10

CITY AND STATE	ELEVATION: 645 TDZE: 642	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 22R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-JKI	ILS OR LOC Z RWY 22R, AMDT 2 25 SEP 2008	AMDT: 1A DATED 01/18/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000 OR 6000.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 642** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-JKI**	**ILS OR LOC Z RWY 22R, AMDT 2** 25 SEP 2008	SUP: **ILS RWY 22R** AMDT: **1A** DATED: **01/18/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANOVE (IAF)	LIONZ (FB)	002.30 / 3.24	3700
LIONZ (IF)	NUVUE (FB)	034.62 / 7.16	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03R

CLIMB TO 3000 DIRECT CERAG AND RIGHT TURN VIA 125.18 TRACK TO SPENC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LIONZ
3. FAC: 034.67 FAF: NUVUE DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: LIONZ 3700, NUVUE 2600, HOKKR/1.80 NM TO RW03R 1240*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: NUVUE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR
8. MSA FROM: RW03R 2800

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 275.00 INBOUND.
CHART FAS OBST: 781 TWR 421113N/0832051W
CHART FAS OBST: 781 POLE 421113N/0832051W
DISTANCE TO THLD FROM 324 HAT: 0.85 NM.
CHART VDP AT 1.12 MILES TO RW03R* *LNAV ONLY.
WAAS CHANNEL # 61304
REFERENCE PATH ID: W03A
CHART AIRPORT ELEV 645

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	957	2400	324	957	2400	324	957	2400	324	957	2400	324			
LNAV/VNAV DA	1031	4000	398	1031	4000	398	1031	4000	398	1031	4000	398			
LNAV MDA	1060	2400	427	1060	2400	427	1060	4000	427	1060	5000	427			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANOVE VIA V493 SOUTHBOUND.
SEE 8260-10

CITY AND STATE	ELEVATION: 645 TDZE: 633	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 3R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 3R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 08/08/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are min:mum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 633** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 3R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Z RWY 3R** AMDT: **ORIG** DATED: **08/08/2002**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW03R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	421144.2115N
LTP/FTP LONGITUDE	0832106.4895W
LTP/FTP ELLIPSOIDAL HEIGHT	+01584
FPAP LATITUDE	421311.7100N
FPAP LONGITUDE	0832002.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.50
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BFB1E445

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01929
FPAP ORTHOMETRIC HEIGHT	+01929

CITY AND STATE	ELEVATION: 645 TDZE: 633	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 3R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 3R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ANOVE K50    W   L N41570177W083291475                    W0069     NAR           ANOVE
        SUSAEAENRT   CERAG K50    W     N42154107W083181182                    W0071     NAR           CERAG
        SUSAEAENRT   HOKKR K50    W     N42100944W083221626                    W0071     NAR           HOKKR
        SUSAEAENRT   LIONZ K50    W     N42001606W083293160                    W0071     NAR           LIONZ
        SUSAEAENRT   NUVUE K50    W     N42063313W083245526                    W0071     NAR           NUVUE
        SUSAEAENRT   SPENC K50    W     N42131164W083121223                    W0071     NAR           SPENC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5FR03R  AANOVE 010ANOVEK5EA0E  A    IF                                          18000                A JS
        SUSAP KDTWK5FR03R  AANOVE 020LIONZK5EA0EE   010TF                   00230032    + 03700                        A JS
        SUSAP KDTWK5FR03R  R      010LIONZK5EA0E  I    IF                               + 03700    18000               A JS
        SUSAP KDTWK5FR03R  R      020NUVUEK5EA1E  F 051TF                   03460072    + 02600                RW03R K5PGA JS
        SUSAP KDTWK5FR03R  R      020NUVUEK5EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KDTWK5FR03R  R      021HOKKRK5EA0E S  031TF                   03470041    V 0124001264       -300     A JS
        SUSAP KDTWK5FR03R  R      030RW03RK5PG0GY M 031TF                   03470018      00688            -300     A JS
        SUSAP KDTWK5FR03R  R      040CERAGK5EA0E M  010DF                                                          A JS
        SUSAP KDTWK5FR03R  R      050SPENCK5EA0EY  R010TFY                  1252        + 03000                    A JS
        SUSAP KDTWK5FR03R  R      060SPENCK5EA0EE HR020HM                   27500040    + 03000                    A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5GRW03R   0100010347 N42114421W083210649+0000     +0158400633000055150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5PR03R  RW03R001 0000W03A0N4211442115W08321064895+015840300N4213117100W0832002010010750003200054 7F400500BFB1E445
        SUSAP KDTWK5PR03R  RW03R002E      +01929+01929LPV       61304          000
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CITY AND STATE	ELEVATION: 645 TDZE: 633	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 3R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 3R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED:

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW03RK5PG              0   18018002825                                                          M
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CITY AND STATE	ELEVATION: 645 TDZE: 633	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 3R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 3R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANOVE	ANOVE	010	IAF	IF		FB				
	ANOVE	LIONZ	020		TF		FB	1.0	002.3(356T)	003.2	03700
		LIONZ	010	FACF	IF		FB				03700
		NUVUE	020	FAF	TF		FB	0.5	034.6(029T)	007.2	02600
		HOKKR	021	SDF	TF		FB	0.3	034.7(029T)	004.1	01240
		RW03R	030	MAP	TF		FO	0.3	034.7(029T)	001.8	00688

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CERAG	040		DF		FB	1.0			
	SPENC	050		TF	R	FO	1.0	125.2(119T)		03000
	SPENC	060		HM	R	FO	2.0	275.0(269T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANOVE	N415701.77	W0832914.75	N4157.030	W08329.246
	CERAG	N421541.07	W0831811.82	N4215.685	W08318.197
	HOKKR	N421009.44	W0832216.26	N4210.157	W08322.271
	LIONZ	N420016.06	W0832931.60	N4200.268	W08329.527
	NUVUE	N420633.13	W0832455.26	N4206.552	W08324.921
	SPENC	N421311.64	W0831212.23	N4213.194	W08312.204
	RW03R	N421144.21	W0832106.49	N4211.737	W08321.108

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03R	00633	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 633** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 3R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Z RWY 3R** AMDT: **ORIG** DATED:

QUALITY

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANOVE (IAF)	BRKEN (FB)	350.34 / 4.56	4000
BRKEN (IF)	PAYED (FB)	034.59 / 6.32	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04L

CLIMB TO 3000 DIRECT SOKAE AND VIA 314.56 TRACK TO SVM VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 213.00 INBOUND.
CHART FAS OBST: 737 TREE 421129N/0832312W
CHART FAS OBST: 782 TOWER 421051N/0832322W
DISTANCE TO THLD FROM 271 HAT: 0.69 NM.
CHART VDP AT 1.08 MILES TO RW04L* *LNAV ONLY.
WAAS CHANNEL # 77520
REFERENCE PATH ID: W04A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BRKEN
3. FAC: 034.64 FAF: PAYED DIST FAF TO MAP: 5.88 THLD: 5.88
4. MIN. ALT: BRKEN 4000, PAYED 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: PAYED OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.8 34:1 IS CLEAR
8. MSA FROM: RW04L 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	916	2400	271	916	2400	271	916	2400	271	916	2400	271			
LNAV/VNAV DA	1008	4000	363	1008	4000	363	1008	4000	363	1008	4000	363			
LNAV MDA	1040	2400	395	1040	2400	395	1040	2400	395	1040	5000	395			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. INCREASE LNAV CAT D VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANOVE VIA V493 SOUTHBOUND.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 645 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 4L, AMDT 2 25 SEP 2008	SUP: AMDT: 1 DATED 09/29/2005

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW04L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	421207.8220N
LTP/FTP LONGITUDE	0832302.3990W
LTP/FTP ELLIPSOIDAL HEIGHT	+01621
FPAP LATITUDE	421334.5700N
FPAP LONGITUDE	0832158.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00051.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DCF83DDC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01966
FPAP ORTHOMETRIC HEIGHT	+01966

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SVM   K5011430VTL  N42243193W083353908    N42243193W083353908W003000950      NARSALEM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ANOVE K50    W   L N41570177W083291475                    W0069     NAR          ANOVE
        SUSAEAENRT   BRKEN K50    W     N42012510W083305376                    W0071     NAR          BRKEN
        SUSAEAENRT   PAYED K50    W     N42065840W083264969                    W0071     NAR          PAYED
        SUSAEAENRT   SOKAE K50    W     N42153566W083202958                    W0071     NAR          SOKAE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645        1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5FR04L  AANOVE 010ANOVEK5EA0E  A    IF                                          18000                A JS
        SUSAP KDTWK5FR04L  AANOVE 020BRKENK5EA0EE   010TF                    35030046    + 04000                      A JS
        SUSAP KDTWK5FR04L  R      010BRKENK5EA0E  I    IF                               + 04000    18000             A JS
        SUSAP KDTWK5FR04L  R      020PAYEDK5EA1E  F 051TF                    03460063    + 02600              RW04L K5PGA JS
        SUSAP KDTWK5FR04L  R      020PAYEDK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KDTWK5FR04L  R      030RW04LK5PG0GY M 031TF                    03460059      00697          -300      A JS
        SUSAP KDTWK5FR04L  R      040SOKAEK5EA0E M  010DF                                                         A JS
        SUSAP KDTWK5FR04L  R      050SVM  K5D 0VY   010TF                    3146        + 03000                      A JS
        SUSAP KDTWK5FR04L  R      060SVM  K5D 0VE HR020HM                    21300040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5GRW04L   0100000347 N42120782W083230240+0000    +0162100645000052150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 645 TDZE: 645	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4L, AMDT 2** 25 SEP 2008	AMDT: 1
				DATED: 09/29/2005

CANCELED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KDTWK5PR04L  RW04L001 0000W04A0N4212078220W08323023990+016210300N4213345700W083215855001067500000000518F400500DCF83DDC
SUSAP KDTWK5PR04L  RW04L002E      +01966+01966LPV       77520          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW04LK5PG              0   18018002825                                                              M
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CITY AND STATE	ELEVATION: 645 TDZE: 645	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4L, AMDT 2** 25 SEP 2008	AMDT: **1**
				DATED: 09/29/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANOVE	ANOVE	010	IAF	IF		FB				
	ANOVE	BRKEN	020		TF		FB	1.0	350.3(344T)	004.6	04000
		BRKEN	010	FACF	IF		FB				04000
		PAYED	020	FAF	TF		FB	0.5	034.6(029T)	006.3	02600
		RW04L	030	MAP	TF		FO	0.3	034.6(029T)	005.9	00697

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SOKAE	040		DF		FB	1.0			
	SVM	050		TF		FO	1.0	314.6(309T)		03000
	SVM	060		HM	R	FO	2.0	213.0(207T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SVM	N422431.93	W0833539.08	N4224.532	W08335.651
	ANOVE	N415701.77	W0832914.75	N4157.030	W08329.246
	BRKEN	N420125.10	W0833053.76	N4201.418	W08330.896
	PAYED	N420658.40	W0832649.69	N4206.973	W08326.828
	SOKAE	N421535.66	W0832029.58	N4215.594	W08320.493
	RW04L	N421207.82	W0832302.40	N4212.130	W08323.040

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04L	00645	52

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 645** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4L, AMDT 2** 25 SEP 2008	SUP: AMDT: 1 DATED: 09/29/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANOVE (IAF)	HIMEX (FB)	349.62 / 3.80	4000
HIMEX (IF)	ETALE (FB)	034.60 / 7.16	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04R

CLIMB TO 3000 DIRECT CAVIB AND VIA 042.53 TRACK TO MADDS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 148.00 INBOUND.
CHART FAS OBST: 737 TREE 421129N/0832312W
CHART FAS OBST: 782 TOWER 421051N/0832322W
DISTANCE TO THLD FROM 326 HAT: 0.86 NM.
WAAS CHANNEL # 63004
REFERENCE PATH ID: W04A
CHART AIRPORT ELEV: 645

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HIMEX
3. FAC: 034.65 FAF: ETALE DIST FAF TO MAP: 5.90 THLD: 5.90
4. MIN. ALT: HIMEX 4000, ETALE 2600, CAXUD/1.60 NM TO RW04R 1200*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: ETALE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.1 34:1 IS CLEAR
8. MSA FROM: RW04R 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	964	2400	326	964	2400	326	964	2400	326	964	2400	326			
LNAV/VNAV DA	1015	4000	377	1015	4000	377	1015	4000	377	1015	4000	377			
LNAV MDA	1060	2400	422	1060	2400	422	1060	4000	422	1060	5000	422			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANOVE VIA V493 SOUTHBOUND.
*LNAV ONLY
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000, INCREASE LNAV
SEE 8260-10

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 638 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 4R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) Z RWY 4R AMDT: ORIG DATED 01/18/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CAT D VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 638** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Z RWY 4R** AMDT: **ORIG** DATED: **01/18/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	421208.3675N
LTP/FTP LONGITUDE	0832216.5655W
LTP/FTP ELLIPSOIDAL HEIGHT	+01597
FPAP LATITUDE	421352.6400N
FPAP LONGITUDE	0832059.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00054.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A89153A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01942
FPAP ORTHOMETRIC HEIGHT	+01942

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 638 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 4R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) Z RWY 4R AMDT: ORIG DATED: 01/18/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ANOVE K50    W   L N41570177W083291475                    W0069     NAR           ANOVE
          SUSAEAENRT   CAVIB K50    W     N42153765W083194238                    W0071     NAR           CAVIB
          SUSAEAENRT   CAXUD K50    W     N42104412W083231857                    W0071     NAR           CAXUD
          SUSAEAENRT   ETALE K50    W     N42065781W083260480                    W0071     NAR           ETALE
          SUSAEAENRT   HIMEX K50    W     N42004064W083304101                    W0071     NAR           HIMEX
          SUSAEAENRT   MADDS K50    W     N42294173W083053673                    W0071     NAR           MADDS

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5FR04R  AANOVE 010ANOVEK5EA0E  A    IF                                                  18000                A JS
          SUSAP KDTWK5FR04R  AANOVE 020HIMEXK5EA0EE   010TF                    34960038    + 04000                                A JS
          SUSAP KDTWK5FR04R  R      010HIMEXK5EA0E  I    IF                                + 04000    18000                       A JS
          SUSAP KDTWK5FR04R  R      020ETALEK5EA1E  F 051TF                    03460072    + 02600                RW04R K5PGA JS
          SUSAP KDTWK5FR04R  R      020ETALEK5EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
          SUSAP KDTWK5FR04R  R      021CAXUDK5EA0E S  031TF                    03470043    V 0120001204       -300             A JS
          SUSAP KDTWK5FR04R  R      030RW04RK5PG0GY M 031TF                    03470016      00691            -300             A JS
          SUSAP KDTWK5FR04R  R      040CAVIBK5EA0E M  010DF                                                                    A JS
          SUSAP KDTWK5FR04R  R      050MADDSK5EA0EY   010TF                    0425        + 03000                                A JS
          SUSAP KDTWK5FR04R  R      060MADDSK5EA0EE HR020HM                    14800040    + 03000                                A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5GRW04R   0120030347 N42120837W083221657+0000     +0159700637000054200I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5PR04R  RW04R001 0000W04A0N4212083675W08322165655+015970300N4213526400W083205978001067500080005 41F400500A89153A5
          SUSAP KDTWK5PR04R  RW04R002E      +01942+01942LPV       63004          000
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CITY AND STATE	ELEVATION: 645 TDZE: 638	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 4R
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 4R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 01/17/2007

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW04RK5PG              0   18018002825                                                          M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 638** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Z RWY 4R** AMDT: **ORIG** DATED: **01/18/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANOVE	ANOVE	010	IAF	IF		FB				
	ANOVE	HIMEX	020		TF		FB	1.0	349.6(344T)	003.8	04000
		HIMEX	010	FACF	IF		FB				04000
		ETALE	020	FAF	TF		FB	0.5	034.6(029T)	007.2	02600
		CAXUD	021	SDF	TF		FB	0.3	034.7(029T)	004.3	01200
		RW04R	030	MAP	TF		FO	0.3	034.7(029T)	001.6	00691
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		CAVIB	040		DF		FB	1.0			
		MADDS	050		TF		FO	1.0	042.5(037T)		03000
		MADDS	060		HM	R	FO	2.0	148.0(142T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANOVE	N415701.77	W0832914.75	N4157.030	W08329.246
	CAVIB	N421537.65	W0831942.38	N4215.628	W08319.706
	CAXUD	N421044.12	W0832318.57	N4210.735	W08323.310
	ETALE	N420657.81	W0832604.80	N4206.964	W08326.080
	HIMEX	N420040.64	W0833041.01	N4200.677	W08330.684
	MADDS	N422941.73	W0830536.73	N4229.696	W08305.612
	RW04R	N421208.37	W0832216.57	N4212.140	W08322.276

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00637	54

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 638** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) Z RWY 4R** AMDT: **ORIG** DATED: **01/18/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DELOW (IAF)	ROBBI (FB)	247.92 / 6.31	4000
ROBBI (IF)	BALAS (FB)	214.81 / 2.95	3700
BALAS	PUKLE (FB)	214.79 / 4.21	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21L

CLIMB TO 3000 DIRECT CURMO AND LEFT TURN VIA 108.45 TRACK TO RYS NDB AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 043.00 INBOUND.
CHART FAS OBST: 774 TOWER 421422N/0832005W
FAS OBST: 839 AAO 421739N/0831806W
DISTANCE TO THLD FROM 290 HAT: 0.74 NM.
CHART VDP AT 1.47 MILES TO RW21L* *LNAV ONLY.
WAAS CHANNEL # 81820
REFERENCE PATH ID: W21A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ROBBI
3. FAC: 214.76 FAF: PUKLE DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: ROBBI 4000, BALAS 3700, PUKLE 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: PUKLE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW21L 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	922	2400	290	922	2400	290	922	2400	290	922	2400	290			
LNAV/VNAV DA	1118	6000	486	1118	6000	486	1118	6000	486	1118	6000	486			
LNAV MDA	1180	2400	548	1180	2400	548	1180	5000	548	1180	6000	548			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DELOW VIA V2-V221-464 EASTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 632 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 21L, AMDT 2 25 SEP 2008	SUP: AMDT: 1A DATED 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW21L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	421310.8595N
LTP/FTP LONGITUDE	0832002.6545W
LTP/FTP ELLIPSOIDAL HEIGHT	+01581
FPAP LATITUDE	421143.6100N
FPAP LONGITUDE	0832106.9400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0024
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E942D437

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01926
FPAP ORTHOMETRIC HEIGHT	+01926

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 632 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 21L, AMDT 2 25 SEP 2008	SUP: AMDT: 1A DATED: 09/29/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSADB       RYS   K5004190H MW N42060410W083091070                    W0060          NARGROSSE ILE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BALAS K50    W     N42220329W083132910                    W0071     NAR          BALAS
        SUSAEAENRT   CURMO K50    W     N42082656W083233193                    W0071     NAR          CURMO
        SUSAEAENRT   DELOW K50    C   L N42273686W083040336                    W0071     NAR          DELOW
        SUSAEAENRT   PUKLE K50    C     N42182191W083161300                    W0071     NAR          PUKLE
        SUSAEAENRT   ROBBI K50    W     N42243842W083113404                    W0071     NAR          ROBBI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5FR21L  ADELOW 010DELOWK5EA0E  A    IF                                                  18000                A JS
        SUSAP KDTWK5FR21L  ADELOW 020ROBBIK5EA0EE   010TF                    24790063    + 04000                                A JS
        SUSAP KDTWK5FR21L  R      010ROBBIK5EA0E  I    IF                                + 04000     18000                      A JS
        SUSAP KDTWK5FR21L  R      011BALASK5EA0E S  051TF                    21480030    + 03700                                A JS
        SUSAP KDTWK5FR21L  R      020PUKLEK5EA1E  F 051TF                    21480042    + 02600                RW21L K5PGA JS
        SUSAP KDTWK5FR21L  R      020PUKLEK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KDTWK5FR21L  R      030RW21LK5PG0GY M 031TF                    21480059      00687           -300                 A JS
        SUSAP KDTWK5FR21L  R      040CURMOK5EA0E M  010DF                                                                       A JS
        SUSAP KDTWK5FR21L  R      050RYS  K5DB0NY  L010TFY                   1085        + 03000                                A JS
        SUSAP KDTWK5FR21L  R      060RYS  K5DB0NE HR020HM                    04300040    + 03000                                A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5GRW21L   0100012147 N42131086W083200265+0000    +0158100632000055150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 645 TDZE: 632	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 21L, AMDT 2 25 SEP 2008	AMDT: 1A DATED: 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5PR21L  RW21L001 0000W21A0N4213108595W08320026545+015810300N4211436100W083210694001067500240005 50F400500E942D437
        SUSAP KDTWK5PR21L  RW21L002E      +01926+01926LPV       81820          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW21LK5PG              0   18018002825                                                                M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 632 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 21L, AMDT 2 25 SEP 2008	SUP: AMDT: 1A DATED: 09/29/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DELOW	DELOW	010	IAF	IF		FB				
	DELOW	ROBBI	020		TF		FB	1.0	247.9(242T)	006.3	04000
		ROBBI	010	FACF	IF		FB				04000
		BALAS	011	SDF	TF		FB	0.5	214.8(209T)	003.0	03700
		PUKLE	020	FAF	TF		FB	0.5	214.8(209T)	004.2	02600
		RW21L	030	MAP	TF		FO	0.3	214.8(209T)	005.9	00687

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CURMO	040		DF		FB	1.0			
	RYS	050		TF	L	FO	1.0	108.5(103T)		03000
	RYS	060		HM	R	FO	2.0	043.0(037T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RYS	N420604.10	W0830910.70	N4206.068	W08309.178
	BALAS	N422203.29	W0831329.10	N4222.055	W08313.485
	CURMO	N420826.56	W0832331.93	N4208.443	W08323.532
	DELOW	N422736.86	W0830403.36	N4227.614	W08304.056
	PUKLE	N421821.91	W0831613.00	N4218.365	W08316.217
	ROBBI	N422438.42	W0831134.04	N4224.640	W08311.567
	RW21L	N421310.86	W0832002.65	N4213.181	W08320.044

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21L	00632	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 632** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 21L, AMDT 2** 25 SEP 2008	SUP: AMDT: **1A** DATED: **09/29/2005**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MUMPE (IAF)	LUPAY (FB)	166.66 / 5.34	3000
LUPAY (IF)	GOYPE (FB)	214.81 / 8.71	2300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22L

CLIMB TO 3000 DIRECT OMTEE AND VIA 207.12 TRACK TO CRL VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 016.00 INBOUND.
CHART FAS OBST: 774 TOWER 421422N/0832005W
DISTANCE TO THLD FROM 295 HAT: 0.75 NM.
CHART VDP AT 1.22 MILES TO RW22L* *LNAV ONLY.
WAAS CHANNEL # 99601
REFERENCE PATH ID: W22A
CHART AIRPORT ELEV 645

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LUPAY
3. FAC: 214.75 FAF: GOYPE DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: LUPAY 3000, GOYPE 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: GOYPE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
8. MSA FROM: RW22L 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	932	2400	295	932	2400	295	932	2400	295	932	2400	295			
LNAV/VNAV DA	1117	6000	480	1117	6000	480	1117	6000	480	1117	6000	480			
LNAV MDA	1080	2400	443	1080	2400	443	1080	4000	443	1080	5000	443			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE	ELEVATION: 645 TDZE: 637	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 08/08/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	421352.3650N
LTP/FTP LONGITUDE	0832059.9660W
LTP/FTP ELLIPSOIDAL HEIGHT	+01593
FPAP LATITUDE	421208.2100N
FPAP LONGITUDE	0832216.6900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	86A6D306

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01938
FPAP ORTHOMETRIC HEIGHT	+01938

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	ELEVATION: 645 TDZE: 637 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22L, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 08/08/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CRL   K5011570VTH  N42025289W083272729    N42025289W083272729W003000629      NARCARLETON

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GOYPE K50    W     N42181438W083174661                    W0071     NAR          GOYPE
        SUSAEAENRT   LUPAY K50    W     N42255265W083120718                    W0071     NAR          LUPAY
        SUSAEAENRT   MUMPE K50    C   L N42305533W083143056                    W0071     NAR          MUMPE
        SUSAEAENRT   OMTEE K50    W     N42102305W083233405                    W0071     NAR          OMTEE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645        1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5FR22L  AMUMPE 010MUMPEK5EA0E  A    IF                                          18000                A JS
        SUSAP KDTWK5FR22L  AMUMPE 020LUPAYK5EA0EE   010TF                    16670053    + 03000                      A JS
        SUSAP KDTWK5FR22L  R      010LUPAYK5EA0E  I    IF                               + 03000    18000             A JS
        SUSAP KDTWK5FR22L  R      020GOYPEK5EA1E  F 051TF                    21480087    + 02300              RW22L K5PGA JS
        SUSAP KDTWK5FR22L  R      020GOYPEK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KDTWK5FR22L  R      030RW22LK5PG0GY M 031TF                    21480050      00693          -300      A JS
        SUSAP KDTWK5FR22L  R      040OMTEEK5EA0E M     DF                                                         A JS
        SUSAP KDTWK5FR22L  R      050CRL  K5D 0VY      TF                    2071        + 03000                    A JS
        SUSAP KDTWK5FR22L  R      060CRL  K5D 0VE HR020HM                    01600050    + 03000                    A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5GRW22L   0120032147 N42135237W083205997+0000     +01593006360000572001

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 645 TDZE: 637	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22L, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 08/08/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KDTWK5PR22L  RW22L001 0000W22A0N4213523650W08320599660+015930300N4212082100W083221669001067500080000570F40050086A6D306
SUSAP KDTWK5PR22L  RW22L002E      +01938+01938LPV       99601          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW22LK5PG              0   18018002825                                                                M
```

CITY AND STATE	ELEVATION: 645 TDZE: 637	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 08/08/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MUMPE	MUMPE	010	IAF	IF		FB				
	MUMPE	LUPAY	020		TF		FB	1.0	166.7(161T)	005.3	03000
		LUPAY	010	FACF	IF		FB				03000
		GOYPE	020	FAF	TF		FB	0.5	214.8(209T)	008.7	02300
		RW22L	030	MAP	TF		FO	0.3	214.8(209T)	005.0	00693

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OMTEE	040		DF		FB				
	CRL	050		TF		FO		207.1(201T)		03000
	CRL	060		HM	R	FO	2.0	016.0(010T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRL	N420252.89	W0832727.29	N4202.882	W08327.455
	GOYPE	N421814.38	W0831746.61	N4218.240	W08317.777
	LUPAY	N422552.65	W0831207.18	N4225.878	W08312.120
	MUMPE	N423055.33	W0831430.56	N4230.922	W08314.509
	OMTEE	N421023.05	W0832334.05	N4210.384	W08323.568
	RW22L	N421352.37	W0832059.97	N4213.873	W08321.000

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00636	57

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 637** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 22L, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: 08/08/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MUMPE (IAF)	GUYVE (FB)	178.98 / 5.95	3000
GUYVE (IF)	GEETR (FB)	214.78 / 8.07	2300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22R

CLIMB TO 3000 DIRECT PARNE AND VIA 304.00 TRACK TO GICEY AND VIA 353.18 TRACK TO SVM VORTAC AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GUYVE
3. FAC: 214.73 FAF: GEETR DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: GUYVE 3000, GEETR 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: GEETR OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
8. MSA FROM: RW22R 2800

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 213.00 INBOUND.
CHART FAS OBST: 720 TREE 421415N/0832123W
CHART FAS OBST: 845 STACK 421716N/0832035W
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.
CHART VDP AT 1.45 MILES TO RW22R* *LNAV ONLY.
WAAS CHANNEL # 82001
REFERENCE PATH ID: W22B

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	892	2400	250	892	2400	250	892	2400	250	892	2400	250			
LNAV/VNAV DA	1006	4000	364	1006	4000	364	1006	4000	364	1006	4000	364			
LNAV MDA	1160	2400	518	1160	2400	518	1160	5000	518	1160	6000	518			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	ELEVATION: 645 TDZE: 642 AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 08/08/2002

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDTW
RUNWAY	RW22R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22B
LTP/FTP LATITUDE	421334.4785N
LTP/FTP LONGITUDE	0832158.6120W
LTP/FTP ELLIPSOIDAL HEIGHT	+01612
FPAP LATITUDE	421207.7300N
FPAP LONGITUDE	0832302.4600W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E32F823F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01957
FPAP ORTHOMETRIC HEIGHT	+01957

CITY AND STATE	ELEVATION: 645 TDZE: 642	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 08/08/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        SVM   K5011430VTL  N42243193W083353908    N42243193W083353908W003000950      NARSALEM

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GEETR K50    W     N42175584W083184591                    W0071     NAR          GEETR
        SUSAEAENRT   GICEY K50    W     N42121283W083315213                    W0071     NAR          GICEY
        SUSAEAENRT   GUYVE K50    W     N42250065W083133161                    W0071     NAR          GUYVE
        SUSAEAENRT   MUMPE K50    C   L N42305533W083143056                    W0071     NAR          MUMPE
        SUSAEAENRT   PARNE K50    W     N42092960W083245870                    W0071     NAR          PARNE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5ADTW     0     120YHN42124480W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5FR22R  AMUMPE 010MUMPEK5EA0E  A    IF                                                18000                A JS
        SUSAP KDTWK5FR22R  AMUMPE 020GUYVEK5EA0EE   010TF                    17900060    + 03000                              A JS
        SUSAP KDTWK5FR22R  R      010GUYVEK5EA0E  I    IF                               + 03000     18000                    A JS
        SUSAP KDTWK5FR22R  R      020GEETRK5EA1E  F 051TF                    21480081    + 02300                 RW22R K5PGA JS
        SUSAP KDTWK5FR22R  R      020GEETRK5EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KDTWK5FR22R  R      030RW22RK5PG0GY M 031TF                    21470050      00697                -300          A JS
        SUSAP KDTWK5FR22R  R      040PARNEK5EA0E M     DF                                                                    A JS
        SUSAP KDTWK5FR22R  R      050GICEYK5EA0E       TF                    3040                                            A JS
        SUSAP KDTWK5FR22R  R      060SVM  K5D 0VY      TF                    3532        + 03000                             A JS
        SUSAP KDTWK5FR22R  R      070SVM  K5D 0VE HR020HM                     21300040    + 03000                             A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5GRW22R   0100002147 N42133448W083215861+0000    +0161200642000055150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 645 TDZE: 642	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	RNAV	RNAV (GPS) RWY 22R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 08/08/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5PR22R  RW22R001 0000W22B0N4213344785W08321586120+016120300N4212077300W083230246001067500000000551F400500E32F823F
        SUSAP KDTWK5PR22R  RW22R002E      +01957+01957LPV       82001          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SRW22RK5PG              0   18018002825                                                                M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 642** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 22R, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: **08/08/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MUMPE	MUMPE	010	IAF	IF		FB				
	MUMPE	GUYVE	020		TF		FB	1.0	179.0(173T)	006.0	03000
		GUYVE	010	FACF	IF		FB				03000
		GEETR	020	FAF	TF		FB	0.5	214.8(209T)	008.1	02300
		RW22R	030	MAP	TF		FO	0.3	214.7(209T)	005.0	00697

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PARNE	040		DF		FB				
	GICEY	050		TF		FB		304.0(298T)		
	SVM	060		TF		FO		353.2(347T)		03000
	SVM	070		HM	R	FO	2.0	213.0(207T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SVM	N422431.93	W0833539.08	N4224.532	W08335.651
	GEETR	N421755.84	W0831845.91	N4217.931	W08318.765
	GICEY	N421212.83	W0833152.13	N4212.214	W08331.869
	GUYVE	N422500.65	W0831331.61	N4225.011	W08313.527
	MUMPE	N423055.33	W0831430.56	N4230.922	W08314.509
	PARNE	N420929.60	W0832458.70	N4209.493	W08324.978
	RW22R	N421334.48	W0832158.61	N4213.575	W08321.977

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22R	00642	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DETROIT, MI	**ELEVATION: 645 TDZE: 642** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) RWY 22R, AMDT 1** 25 SEP 2008	SUP: AMDT: **ORIG** DATED: 08/08/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: ____

MAG VAR: ____ EPOCH YEAR: ____

TAKEOFF: | | STANDARD | | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:
PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
DETROIT, MI	**ELEVATION: 645 TDZE: 633** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) Y RWY 3R, ORIG** **08/08/2002**	AMDT: **NONE** DATED

FAA FORM 8260-3 (December 2002 (computer generated))

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: ____

MAG VAR: ____ EPOCH YEAR: ____

TAKEOFF: ____ STANDARD ____ SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____

CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:
PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	**ELEVATION: 645 TDZE: 638** AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**RNAV**	**RNAV (GPS) Y RWY 4R, ORIG, 08/08/2002**	AMDT: **NONE**
				DATED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MOTLEY, MN	**ELEVATION: 1225 TDZE: 1225** AIRPORT NAME: **MOREY'S**	**SAZ**	**NDB OR GPS RWY 9, AMDT 1A, 07/23/1993**	SUP AMDT 1 DATE 3/17/93

FAA FORM 8260-5 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CAGIS (IAF)	ARURE (NOPT) (FB)	089.29 / 5.00	2500
EROSE (IAF)	ARURE (NOPT) (FB)	269.41 / 5.00	2500
ARURE (IF/IAF)	NILKE (FB)	179.35 / 6.01	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 2500 DIRECT FEVES AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 359.35 INBOUND.
CHART FAS OBST: 470 TWR 361133N/0894030W
DISTANCE TO THLD FROM 538 HAT: 1.56 NM.
WAAS CHANNEL # 78109
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ARURE, RT, 179.35 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 179.35 FAF: NILKE DIST FAF TO MAP: 5.24 THLD: 5.24
4. MIN. ALT: ARURE 2500, NILKE 2000, ZAGSO/2.10 NM TO RW18 980*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: NILKE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 0W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	806	2	538	806	2	538	806	2	538		NA				
LNAV/VNAV DA	829	2	561	829	2	561	829	2	561		NA				
LNAV MDA	760	1	492	760	1	492	760	1 1/4	492		NA				
CIRCLING	820	1	552	820	1	552	860	1 1/2	592		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
SEE 8260-10

CITY AND STATE	ELEVATION: 268 TDZE: 268	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: CARUTHERSVILLE MEM	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 05/15/2003

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: USE BLYTHEVILLE MUNI ALTIMETER SETTING; WHEN NOT RECEIVED, USE DYERSBURG ALTIMETER SETTING AND INCREASE ALL DA 11 FEET AND ALL MDA 20 FEET. INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	089/30 CW 269/30 (NOPT)	ARURE (IF/IAF) (FB)	2500
2.	269/30 CW 359/30	EROSE (IAF) (FB)	2500
3.	359/30 CW 089/30	CAGIS (IAF) (FB)	2500

CITY AND STATE	ELEVATION: 268 TDZE: 268	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: CARUTHERSVILLE MEM	RNAV	RNAV (GPS) RWY 18, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 05/15/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M05
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	361028.6480N
LTP/FTP LONGITUDE	0894035.6060W
LTP/FTP ELLIPSOIDAL HEIGHT	+00534
FPAP LATITUDE	360859.4300N
FPAP LONGITUDE	0894034.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F2C5A8D5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+00817
FPAP ORTHOMETRIC HEIGHT	+00817

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARURE K30    W     N36214456W089404509                    W0012     NAR          ARURE
        SUSAEAENRT   CAGIS K30    W     N36214099W089465650                    W0012     NAR          CAGIS
        SUSAEAENRT   EROSE K30    W     N36214781W089343368                    W0012     NAR          EROSE
        SUSAEAENRT   FEVES K70    W     N35583312W089402563                    W0011     NAR          FEVES
        SUSAEAENRT   NILKE K30    W     N36154325W089404002                    W0012     NAR          NILKE
        SUSAEAENRT   ZAGSO K30    W     N36123481W089403738                    W0012     NAR          ZAGSO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3AM05     0     040YHN36100880W089403530W000000268         1800018000C    MNAR    CARUTHERSVILLE MEM

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3FR18   AARURE 010ARUREK3EA0EE CR   HF                   17940040    + 02500     18000              A JS
        SUSAP M05 K3FR18   ACAGIS 010CAGISK3EA0E  A    IF                                       18000              A JS
        SUSAP M05 K3FR18   ACAGIS 020ARUREK3EA0EE   010TF                   08930050    + 02500                        A JS
        SUSAP M05 K3FR18   AEROSE 010EROSEK3EA0E  A    IF                                       18000              A JS
        SUSAP M05 K3FR18   AEROSE 020ARUREK3EA0EE   010TF                   26940050    + 02500                        A JS
        SUSAP M05 K3FR18   R      010ARUREK3EA0E  I    IF                              + 02500     18000              A JS
        SUSAP M05 K3FR18   R      020NILKEK3EA1E  F 010TF                   17940060    + 02000                        A JS
        SUSAP M05 K3FR18   R      020NILKEK3EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP M05 K3FR18   R      021ZAGSOK3EA0E S  031TF                   17940031    V 0098001000        -300       A JS
        SUSAP M05 K3FR18   R      030RW18 K3PG0GY M 031TF                   17940021      00308             -300       A JS
        SUSAP M05 K3FR18   R      040FEVESK7EA0EYM  010DF                              + 02500                        A JS
        SUSAP M05 K3FR18   R      050FEVESK7EA0EE HR020HM                   35940040    + 02500                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3GRW18     0040051794 N36102865W089403561-0100     +0053400268000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	**ELEVATION: 268 TDZE: 268** AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **05/15/2003**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP M05 K3PR18    RW18 001 0000W18A0N3610286480W0894035606O+005340300N3608594300W089403436001067515280004OOF400500F2C5A8D5
SUSAP M05 K3PR18    RW18 002E       +00817+00817LPV       78109          000
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CARUTHERSVILLE, MO	**ELEVATION: 268 TDZE: 268** AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **05/15/2003**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ARURE	ARURE	010		HF	R	FB		179.4(179T)	004.0	02500
	CAGIS	CAGIS	010	IAF	IF		FB				
	CAGIS	ARURE	020		TF		FB	1.0	089.3(089T)	005.0	02500
	EROSE	EROSE	010	IAF	IF		FB				
	EROSE	ARURE	020		TF		FB	1.0	269.4(269T)	005.0	02500
		ARURE	010	FACF	IF		FB				02500
		NILKE	020	FAF	TF		FB	1.0	179.4(179T)	006.0	02000
		ZAGSO	021	SDF	TF		FB	0.3	179.4(179T)	003.1	00980
		RW18	030	MAP	TF		FO	0.3	179.4(179T)	002.1	00308

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEVES	040		DF		FO	1.0			02500
	FEVES	050		HM	R	FO	2.0	359.4(359T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARURE	N362144.56	W0894045.09	N3621.743	W08940.752
	CAGIS	N362140.99	W0894656.50	N3621.683	W08946.942
	EROSE	N362147.81	W0893433.68	N3621.797	W08934.561
	FEVES	N355833.12	W0894025.63	N3558.552	W08940.427
	NILKE	N361543.25	W0894040.02	N3615.721	W08940.667
	ZAGSO	N361234.81	W0894037.38	N3612.580	W08940.623
	RW18	N361028.65	W0894035.61	N3610.478	W08940.594

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00268	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CARUTHERSVILLE, MO	**ELEVATION: 268 TDZE: 268** AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **05/15/2003**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NULPE (IAF)	FEVES (NOPT) (FB)	269.41 / 5.00	2500
SENUE (IAF)	FEVES (NOPT) (FB)	089.29 / 5.00	2500
FEVES (IF/IAF)	TAGLE (FB)	359.35 / 6.01	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 2500 DIRECT ARURE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 179.35 INBOUND.
CHART FAS OBST: 346 TREE 360938N/0894032W
CHART FAS OBST: 384 TREE 360615N/0894018W
DISTANCE TO THLD FROM 365 HAT: 1.02 NM.
WAAS CHANNEL # 77609
REFERENCE PATH ID: W36A
CHART TDZE: 266

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S FEVES, RT, 359.35 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 359.35 FAF: TAGLE DIST FAF TO MAP: 5.24 THLD: 5.24
4. MIN. ALT: FEVES 2500, TAGLE 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: TAGLE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 0W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	631	1 1/4	365	631	1 1/4	365	631	1 1/4	365		NA				
LNAV/VNAV DA	695	1 1/2	429	695	1 1/2	429	695	1 1/2	429		NA				
LNAV MDA	680	1	414	680	1	414	680	1 1/4	414		NA				
CIRCLING	820	1	552	820	1	552	860	1 1/2	592		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE BLYTHEVILLE MUNI ALTIMETER SETTING; WHEN NOT RECEIVED, USE DYERSBURG ALTIMETER
SEE 8260-10

CITY AND STATE	ELEVATION: 268 TDZE: 266	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: CARUTHERSVILLE MEM	RNAV	RNAV (GPS) RWY 36, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 05/15/2003

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
SETTING AND INCREASE ALL DA 11 FEET AND ALL MDA 20 FEET. INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	269/30 CW 089/30 (NOPT)	FEVES (IF/IAF)	2500
2.	089/30 CW 179/30	SENUE (IAF)	2500
3.	179/30 CW 269/30	NULPE (IAF)	2500

CITY AND STATE	ELEVATION: 268 TDZE: 266	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: CARUTHERSVILLE MEM	RNAV	RNAV (GPS) RWY 36, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 05/15/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	M05
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	360949.0460N
LTP/FTP LONGITUDE	0894035.0550W
LTP/FTP ELLIPSOIDAL HEIGHT	+00527
FPAP LATITUDE	361118.2700N
FPAP LONGITUDE	0894036.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8131F61D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+00810
FPAP ORTHOMETRIC HEIGHT	+00810

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	ELEVATION: 268 TDZE: 266 AIRPORT NAME: CARUTHERSVILLE MEM	RNAV	RNAV (GPS) RWY 36, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 05/15/2003

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARURE K30    W     N36214456W089404509                    W0012    NAR          ARURE                  G
        SUSAEAENRT   FEVES K70    W     N35583312W089402563                    W0011    NAR          FEVES                  G
        SUSAEAENRT   NULPE K70    W     N35583637W089341603                    W0011    NAR          NULPE                  G
        SUSAEAENRT   SENUE K30    W     N35582955W089463522                    W0011    NAR          SENUE                  G
        SUSAEAENRT   TAGLE K70    W     N36043398W089403066                    W0012    NAR          TAGLE                  G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3AM05     0     040YHN36100880W089403530W000000268         1800018000C    MNAR    CARUTHERSVILLE MEM          G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3FR36   AFEVES 010FEVESK7EA0EE CR   HF                    35940040    + 02500     18000                A JS   G
        SUSAP M05 K3FR36   ANULPE 010NULPEK7EA0E  A    IF                                        18000                A JS   G
        SUSAP M05 K3FR36   ANULPE 020FEVESK7EA0EE   010TF                    26940050    + 02500                          A JS   G
        SUSAP M05 K3FR36   ASENUE 010SENUEK3EA0E  A    IF                                        18000                A JS   G
        SUSAP M05 K3FR36   ASENUE 020FEVESK7EA0EE   010TF                    08930050    + 02500                          A JS   G
        SUSAP M05 K3FR36   R      010FEVESK7EA0E  I    IF                                + 02500     18000                A JS   G
        SUSAP M05 K3FR36   R      020TAGLEK7EA1E  F 051TF                    35940060    + 02000                          A JS   G
        SUSAP M05 K3FR36   R      020TAGLEK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS   G
        SUSAP M05 K3FR36   R      030RW36 K3PG0GY M 031TF                    35940052      00306           -300           A JS   G
        SUSAP M05 K3FR36   R      040ARUREK3EA0EYM  010DF                              + 02500                          A JS   G
        SUSAP M05 K3FR36   R      050ARUREK3EA0EE HR020HM                    17940040    + 02500                          A JS   G

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3GRW36    0040053594 N36094905W089403506+0100    +0052700266000040075R                                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP M05 K3PR36   RW36 001 0000W36A0N3609490460W08940350550+005270300N3611182700W089403631001067515280000400F4005008131F61DG
        SUSAP M05 K3PR36   RW36 002E      +00810+00810LPV       77609          000                                              G
```

CITY AND STATE	ELEVATION: 268 TDZE: 266	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **05/15/2003**

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CITY AND STATE	ELEVATION: 268 TDZE: 266	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARUTHERSVILLE, MO	AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **05/15/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEVES	FEVES	010		HF	R	FB		359.4(359T)	004.0	02500
	NULPE	NULPE	010	IAF	IF		FB				
	NULPE	FEVES	020		TF		FB	1.0	269.4(269T)	005.0	02500
	SENUE	SENUE	010	IAF	IF		FB				
	SENUE	FEVES	020		TF		FB	1.0	089.3(089T)	005.0	02500
		FEVES	010	FACF	IF		FB				02500
		TAGLE	020	FAF	TF		FB	0.5	359.4(359T)	006.0	02000
		RW36	030	MAP	TF		FO	0.3	359.4(359T)	005.2	00306

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ARURE	040		DF		FO	1.0			02500
	ARURE	050		HM	R	FO	2.0	179.4(179T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARURE	N362144.56	W0894045.09	N3621.743	W08940.752
	FEVES	N355833.12	W0894025.63	N3558.552	W08940.427
	NULPE	N355836.37	W0893416.03	N3558.606	W08934.267
	SENUE	N355829.55	W0894635.22	N3558.493	W08946.587
	TAGLE	N360433.98	W0894030.66	N3604.566	W08940.511
	RW36	N360949.05	W0894035.06	N3609.818	W08940.584

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00266	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CARUTHERSVILLE, MO	**ELEVATION: 268 TDZE: 266** AIRPORT NAME: **CARUTHERSVILLE MEM**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **05/15/2003**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BUM VORTAC	CYPRE INT/MCI 14.32 DME/RADAR	335.66 / 48.97	6000
CYPRE INT/MCI 14.32 DME/RADAR (IAF)	DASHI INT/MCI 11.40 DME/RADAR	007.93 / 2.92 (I-DOT)	5000*
DASHI INT/MCI 11.40 DME/RADAR	WMPOW INT/MCI 8.43 DME/RADAR	007.93 / 2.97 (I-DOT)	4000*
WMPOW INT/MCI 8.43 DME/RADAR (IF)	MISSR INT/MCI 5.42 DME/RADAR	007.93 / 3.01 (I-DOT)	3000*
MISSR INT/MCI 5.42 DME/RADAR	SQIRL INT/MCI 4.20 DME/RADAR	007.93 / 1.22 (I-DOT)	2600

MISSED APPROACH

ILS: DA
LOC: 4.75 MILES AFTER SQIRL INT/MCI 4.20/ DME/RADAR OR AT MCI 0.60 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 290 AND MCI R-309 TO BOWLR INT/MCI 28.97 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 290 AND RBA R-137 TO JUDAA INT AND HOLD SE, RT, 316.98 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 129.41 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SE JUDAA INT, RT, 316.98 INBOUND.
CHART FAS OBST: 1082 WDI ON POLE 391655N/0944357W
CHART IN PLANVIEW: JUDAA INT.
CHART IN PROFILE: MCI VORTAC
CHART LOC RWY 1R

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CYPRE
3. FAC: 007.93 FAF: SQIRL INT/MCI 4.20 DME/RADAR DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: CYPRE 6000, DASHI 5000*, WMPOW 4000*, MISSR 3000*, SQIRL 2600
5. DIST TO THLD FROM OM: - MM: 0.45 IM: - 150 HAT: - 100 HAT: - GS ANT: 1181
6. MIN GS INCPT: 2600 GS ALT AT: SQIRL INT/MCI 4.20 DME/RADAR 2600 OM: - MM: 1211 IM: -
7. GS ANGLE: 3.00 TCH: 57.4
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1L	1211	1800	200	1211	1800	200	1211	1800	200	1211	1800	200			
S-LOC 1L	1360	2400	349	1360	2400	349	1360	2400	349	1360	4000	349			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE	ELEVATION: 1026 TDZE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 1L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	I-DOT	ILS OR LOC RWY 1L, AMDT 13 25 SEP 2008	AMDT: 12A DATED 12/08/1994

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1011** AIRPORT NAME: **KANSAS CITY INTL**	**I-DOT**	**ILS OR LOC RWY 1L, AMDT 13** 25 SEP 2008	SUP: **ILS RWY 1L** AMDT: **12A** DATED: **12/08/1994**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BUM VORTAC	SPICY INT/I-PVL 16.59 DME/RADAR	336.49 / 48.03	6000
SPICY INT/I-PVL 16.59 DME/RADAR (IAF)	BARBQ INT/I-PVL 13.67 DME/RADAR	007.94 / 2.92 (I-PVL)	5000*
BARBQ INT/I-PVL 13.67 DME/RADAR	TERKY INT/I-PVL 10.70 DME/RADAR	007.94 / 2.97 (I-PVL)	4000*
TERKY INT/I-PVL 10.70 DME/RADAR (IF)	SMOKE INT/I-PVL 7.68 DME/RADAR	007.94 / 3.01 (I-PVL)	3000*
SMOKE INT/I-PVL 7.68 DME/RADAR	RIBBS INT/I-PVL 6.47 DME/RADAR	007.94 / 1.22 (I-PVL)	2600

MISSED APPROACH

ILS: DA
LOC: 4.73 MILES AFTER RIBBS INT/I-PVL 6.47 DME/RADAR OR AT I -PVL 1.74 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ANX VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 130 AND MCI R-089 TO LYMES/MCI 29.18 DME AND HOLD E, LT, 269.01 INBOUND. (DME REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 268.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD E LYMES/MCI 29.18 DME, LT, 269.01 INBOUND.
CHART FAS OBST: 1033 POLE 391620N/0944242W
CHART VDP AT 2.59 DME;
DISTANCE VDP TO THLD 0.85 MILES.
CHART IN PLANVIEW: LYMES/MCI 29.18 DME.
CHART TDZ ELEV 1017
DEPICT LOC RWY 1L

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SPICY
3. FAC: 007.94 FAF: RIBBS INT/I-PVL 6.47 DME/RADAR DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: SPICY 6000, BARBQ 5000*, TERKY 4000*, SMOKE 3000*, RIBBS 2600
5. DIST TO THLD FROM OM: - MM: 0.44 IM: 851 150 HAT: - 100 HAT: 792 GS ANT: 1126
6. MIN GS INCPT: 2600 GS ALT AT: RIBBS INT/I-PVL 6.47 DME/RADAR CONT. OM: - MM: 1215 IM: 1120
7. GS ANGLE: 3.00 TCH: 59.1
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1R	1217	1800	200	1217	1800	200	1217	1800	200	1217	1800	200			
S-LOC 1R	1360	2400	343	1360	2400	343	1360	2400	343	1360	4000	343			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 1R: DA 1117 MSL, 112 RA, RVR 1200, HAT 100; CATS A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 1R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1017 AIRPORT NAME: KANSAS CITY INTL	I-PVL	ILS OR LOC RWY 1R, AMDT 3 ILS RWY 1R (CAT II), ILS RWY 1R (CAT III) 25 SEP 2008	SUP: ILS RWY 1R AMDT: 2 DATED 03/15/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 6 GS ALT AT CONT. 2600

NOTES CONT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1L.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1017** AIRPORT NAME: **KANSAS CITY INTL**	**I-PVL**	**ILS OR LOC RWY 1R, AMDT 3** **ILS RWY 1R (CAT II), ILS RWY 1R (CAT III)** 25 SEP 2008	SUP: **ILS RWY 1R** AMDT: **2** DATED: **03/15/2007**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TOP VORTAC (IAF)	MAXEE INT/I-RNI 16.60 DME/RADAR	060.25 / 25.90	6000
MAXEE INT/I-RNI 16.60 DME/RADAR (IF)	LADYD/I-RNI 13.68 DME/RADAR	091.12 / 2.92 (I-RNI)	5000*
LADYD/I-RNI 13.68 DME/RADAR	WOOKE/I-RNI 10.71 DME/RADAR	091.12 / 2.97 (I-RNI)	4000*
WOOKE/I-RNI 10.71 DME/RADAR	JOOEE/I-RNI 7.70 DME/RADAR	091.12 / 3.01 (I-RNI)	3000*
JOOEE/I-RNI 7.70 DME/RADAR	JAYBA INT/I-RNI 6.48 DME/RADAR	091.12 / 1.22 (I-RNI)	2600

MISSED APPROACH

ILS: DA
LOC: 4.74 MILES AFTER JAYBA INT/I-RNI 6.48 DME/RADAR OR AT I -RNI 1.74 DME FIX

CLIMB TO 4000 VIA MCI R-089 TO LYMES INT/MCI 29.18 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ANX VORTAC AND HOLD SE, RT, 329.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 269.01 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SE ANX VORTAC, RT, 329.00 INBOUND.
CHART FAS OBST: 1237 TOWER 391715N/0944747W
CHART VDP AT 2.82 DME;
DISTANCE VDP TO THLD 1.08 MILES.
CHART IN PLANVIEW: ANX VORTAC.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MAXEE
3. FAC: 091.12 FAF: JAYBA INT/I-RNI 6.48 DME/RADAR DIST FAF TO MAP: 4.74 THLD: 4.74
4. MIN. ALT: MAXEE 6000, LADYD 5000*, WOOKE 4000*, JOOEE 3000*, JAYBA 2600
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1065
6. MIN GS INCPT: 2600 GS ALT AT: JAYBA INT/I-RNI 6.48 DME/RADAR CONT. OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.9
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 9	1265	4000	250	1265	4000	250	1265	4000	250	1265	4000	250			
S-LOC 9	1420	4000	405	1420	4000	405	1420	4000	405	1420	4000	405			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 9.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 9 CATS A/B VISIBILITY TO RVR 5000.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TOP VORTAC AIRWAY RADIALS 025 CW 107.
CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	SUP:
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1015 KANSAS CITY INTL	I-RNI	ILS OR LOC RWY 9, AMDT 13 25 SEP 2008	AMDT: 12 DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 6 GS ALT AT CONT. 2600

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1015** AIRPORT NAME: **KANSAS CITY INTL**	**I-RNI**	**ILS OR LOC RWY 9, AMDT 13** 25 SEP 2008	SUP: AMDT: **12** DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
STJ VORTAC	GAYLY INT/I-DYH 16.70 DME/RADAR	142.81 / 28.16	6000
GAYLY INT/I-DYH 16.70 DME/RADAR (IAF)	YOVNU/13.78 DME/RADAR	187.95 / 2.92 (I-DYH)	5000*
YOVNU/13.78 DME/RADAR	ZASBO/10.81 DME/RADAR	187.95 / 2.97 (I-DYH)	4000*
ZASBO/10.81 DME/RADAR (IF)	ROMNS/7.80 DME/RADAR	187.95 / 3.01 (I-DYH)	3000*
ROMNS/7.80 DME/RADAR	FELUR/6.58 DME/RADAR	187.95 / 1.22 (I-DYH)	2600

MISSED APPROACH

ILS: DA
LOC: 4.84 MILES AFTER FELUR/6.58 DME/RADAR OR AT I-DYH 1.74 DME FIX

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 DIRECT ANX VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 080 AND MCI R-089 TO LYMES/MCI 29.18 DME AND HOLD E, LT, 269.01 INBOUND. (DME REQUIRED) .

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 268.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD E LYMES/MCI 29.18 DME, LT, 269.01 INBOUND.
CHART FAS OBST: 1053 TREE 391846N/0944146W
CHART LOC RWY 19R
CHART VDP AT 2.55 DME;
DISTANCE VDP TO THLD 0.82 MILES.
CHART IN PLANVIEW: LYMES/MCI 29.18 DME.
CHART MCI VORTAC R-012 AT GAYLY
CHART TDZ ELEV 994

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GAYLY
3. FAC: 187.95 FAF: FELUR/6.58 DME/RADAR DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: GAYLY 6000, YOVNU 5000*, ZASBO 4000*, ROMNS 3000*, FELUR 2600
5. DIST TO THLD FROM OM: - MM: 0.46 IM: - 150 HAT: - 100 HAT: - GS ANT: 1029
6. MIN GS INCPT: 2600 GS ALT AT: FELUR/6.58 DME/RADAR 2600 OM: - MM: 1183 IM: -
7. GS ANGLE: 3.00 TCH: 59.1
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 19L	1194	1800	200	1194	1800	200	1194	1800	200	1194	1800	200			
S-LOC 19L	1300	2400	306	1300	2400	306	1300	2400	306	1300	4000	306			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 19L CAT D VISIBILITY TO RVR 5000.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19R.
CHART NOTE: DME OR RADAR REQUIRED.
CHART NOTE: LOC PROCEDURES NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 994 KANSAS CITY INTL	I-DYH	ILS OR LOC RWY 19L, AMDT 1 25 SEP 2008	SUP: ILS RWY 19L AMDT: ORIG-B DATED 12/20/1995

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 994** AIRPORT NAME: **KANSAS CITY INTL**	**I-DYH**	**ILS OR LOC RWY 19L, AMDT 1** 25 SEP 2008	SUP: **ILS RWY 19L** AMDT: **ORIG-B** DATED: **12/20/1995**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
STJ VORTAC	CAMDO/I-PAJ 16.95 DME/RADAR	143.49 / 26.90	6000
CAMDO/16.95 DME/RADAR (IAF)	WESGI/14.03 DME/RADAR	187.93 / 2.92 (I-PAJ)	5000*
WESGI/14.03 DME/RADAR	BRTNY/11.07 DME/RADAR	187.93 / 2.97 (I-PAJ)	4000*
BRTNY/11.07 DME/RADAR (IF)	FAMUS/8.05 DME/RADAR	187.93 / 3.01 (I-PAJ)	3000*
FAMUS/8.05 DME/RADAR	HNZLY/6.83 DME/RADAR	187.93 / 1.22 (I-PAJ)	2600

MISSED APPROACH

ILS: DA
LOC: 4.87 MILES AFTER HNZLY/6.83 DME/RADAR OR AT I-PAJ 1.96 DME FIX

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 240 AND MCI R-223 TO RUGBB INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 330 AND RBA R-137 TO JUDAA INT AND HOLD SE, RT, 316.98 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 043.24 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SE JUDAA INT, RT, 316.98 INBOUND.
CHART FAS OBST: 997 ANT ON POLE 391950N/0944307W
CHART VDP AT 2.95 DME;
DISTANCE VDP TO THLD 0.98 MILES.
CHART IN PLANVIEW: JUDAA INT.
CHART LOC RWY 19L
CHART TOUCHDOWN ZONE ELEVATION: 989

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CAMDO
3. FAC: 187.93 FAF: HNZLY/6.83 DME/RADAR DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: CAMDO 6000, WESGI 5000*, BRTNY 4000*, FAMUS 3000*, HNZLY 2600
5. DIST TO THLD FROM OM: - MM: 0.50 IM: 1044 150 HAT: - 100 HAT: 1175 GS ANT: 1026
6. MIN GS INCPT: 2600 GS ALT AT: HNZLY/6.83 DME/RADAR 2600 OM: - MM: 1195 IM: 1090
7. GS ANGLE: 3.00 TCH: 50.0
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 19R	1189	1800	200	1189	1800	200	1189	1800	200	1189	1800	200			
S-LOC 19R	1360	2400	371	1360	2400	371	1360	2400	371	1360	4000	371			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19R: DA 1089 MSL, 117 RA, RVR 1200, HAT 100; CAT A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 19R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 1026 TDZE: 989	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 19R
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	I-PAJ	ILS OR LOC RWY 19R, AMDT 10 ILS RWY 19R (CAT II), ILS RWY 19R (CAT III) 25 SEP 2008	AMDT: 9C DATED 12/03/1993

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19L.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 989** AIRPORT NAME: **KANSAS CITY INTL**	**I-PAJ**	**ILS OR LOC RWY 19R, AMDT 10** **ILS RWY 19R (CAT II), ILS RWY 19R (CAT III)** 25 SEP 2008	SUP: **ILS RWY 19R** AMDT: **9C** DATED: **12/03/1993**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANX VORTAC (IAF)	CARBB INT/I-UQY 16.66 DME/RADAR	303.78 / 15.23	6000
CARBB INT/I-UQY 16.66 DME/RADAR (IF)	SLIMS INT/I-UQY 13.73 DME/RADAR	271.14 / 2.92 (I-UQY)	5000##
SLIMS INT/I-UQY 13.73 DME/RADAR	TAGRT INT/I-UQY 10.77 DME/RADAR	271.14 / 2.97 (I-UQY)	4000##
TAGRT INT/I-UQY 10.77 DME/RADAR	TEEKA INT/I-UQY 7.75 DME/RADAR	271.14 / 3.01 (I-UQY)	3000##
TEEKA INT/I-UQY 7.75 DME/RADAR	DUSTN INT/I-UQY 6.53 DME/RADAR	271.14 / 1.22 (I-UQY)	2600

MISSED APPROACH

ILS: DA
LOC: 4.73 MILES AFTER DUSTN INT/I-UQY 6.53 DME/RADAR OR AT I-UQY 1.80 DME FIX

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 230 AND MCI R-223 TO RUGBB INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 330 AND RBA R-137 TO BOWLR INT AND HOLD SE, RT, 316.89 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 043.24 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SE BOWLR INT, RT, 316.89 INBOUND.
CHART FAS OBST: 1169 TREE 391702N/0944044W
CHART IN PLANVIEW: BOWLR INT.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CARBB
3. FAC: 271.14 FAF: DUSTN INT/I-UQY 6.53 DME/RADAR DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: CARBB 6000, SLIMS 5000##, TAGRT 4000##, TEEKA 3000##, DUSTN 2600, CARYE INT/I-UQY 3.30 DME 1540*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1133
6. MIN GS INCPT: 2600 GS ALT AT: DUSTN INT/I-UQY 6.53 DME/RADAR CONT. OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 49.0
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27	#1226	2400	200	#1226	2400	200	#1226	2400	200	#1226	2400	200	1226	2400	200
S-LOC 27	1540	2400	514	1540	2400	514	1540	5000	514	1540	6000	514	1540	6000	514
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554
CARYE FIX MINIMUMS															
S-LOC 27	1440	2400	414	1440	2400	414	1440	4000	414	1440	4000	414	1440	5000	414
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: #RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ANX VORTAC AIRWAY RADIALS 235 CW 358.
SEE 8260-10

CITY AND STATE	ELEVATION: 1026 TDZE: 1026	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	I-UQY	ILS OR LOC RWY 27, AMDT 2 25 SEP 2008	AMDT: 1A DATED 05/08/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

LINE 6 GS ALT AT CONT. 2600

NOTES CONT.
CHART PROFILE NOTE: ##WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 27 CAT E VISIBILITY TO RVR 4000, S-LOC 27 CAT E VISIBILITY TO 1 3/4 MILE AND CARYE FIX MINIMUMS S-LOC 27 CAT E VISIBILITY TO 1 1/2 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1026** AIRPORT NAME: **KANSAS CITY INTL**	**I-UQY**	**ILS OR LOC RWY 27, AMDT 2** 25 SEP 2008	AMDT: **1A** DATED: **05/08/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOOZE (IAF)	DASHI (FB)	057.60 / 26.72	5000
DASHI (IF)	SQIRL (FB)	007.89 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW01L

CLIMB TO 4000 DIRECT BRTNY AND VIA 286.39 TRACK TO BOWLR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 205.59 INBOUND.
CHART FAS OBST: 1082 WDI ON POLE 391655N/0944357W
FAS OBST: 1149 AAO 391420N/0944549W
CHART 1190 TOWER 391326N/0944612W
DISTANCE TO THLD FROM 293 HAT: 0.74 NM.
CHART VDP AT 1.25 MILES TO RW01L* *LNAV ONLY.
WAAS CHANNEL # 42808
REFERENCE PATH ID: W01B

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DASHI
3. FAC: 007.91 FAF: SQIRL DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: DASHI 5000, SQIRL 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: SQIRL OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4 34:1 IS CLEAR
8. MSA FROM: RW01L 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1304	2400	293	1304	2400	293	1304	2400	293	1304	2400	293			
LNAV/VNAV DA	1420	5000	409	1420	5000	409	1420	5000	409	1420	5000	409			
LNAV MDA	1480	2400	469	1480	2400	469	1480	4000	469	1480	5000	469			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOOZE VIA V502 SOUTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1026 TDZE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CITY AND STATE	ELEVATION: 1026 TDZE: 1011 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1L, AMDT 1 25 SEP 2008	RNAV (GPS) RWY 1L AMDT: ORIG DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW01L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01B
LTP/FTP LATITUDE	391736.0100N
LTP/FTP LONGITUDE	0944345.5400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02759
FPAP LATITUDE	391921.5000N
FPAP LONGITUDE	0944314.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00057.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	FA9E3357

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03082
FPAP ORTHOMETRIC HEIGHT	+03082

CITY AND STATE	ELEVATION: 1026 TDZE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2001

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOWLR K30    C   L N39372129W095110026                    E0029     NAR          BOWLR
        SUSAEAENRT   BRTNY K30    W     N39281286W094403696                    E0022     NAR          BRTNY
        SUSAEAENRT   DASHI K30    C     N39055666W094471158                    E0022     NAR          DASHI
        SUSAEAENRT   HOOZE K30    R   L N38534228W095173985                    E0030     NAR          HOOZE
        SUSAEAENRT   SQIRL K30    C     N39125821W094450752                    E0022     NAR          SQIRL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3FR01LY AHOOZE 010HOOZEK3EA0E  A    IF                                                18000                A JS
        SUSAP KMCIK3FR01LY AHOOZE 020DASHIK3EA0EE   010TF                      05760267    + 05000                              A JS
        SUSAP KMCIK3FR01LY R      010DASHIK3EA0E  I    IF                                + 05000    18000                     A JS
        SUSAP KMCIK3FR01LY R      020SQIRLK3EA1E  F 051TF                      00790072    + 02600                RW01L K3PGA JS
        SUSAP KMCIK3FR01LY R      020SQIRLK3EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KMCIK3FR01LY R      030RW01LK3PG0GY M 031TF                      00790048      01068          -300               A JS
        SUSAP KMCIK3FR01LY R      040BRTNYK3EA0E M  010DF                                                                    A JS
        SUSAP KMCIK3FR01LY R      050BOWLRK3EA0EY   010TF                      2864        + 04000                              A JS
        SUSAP KMCIK3FR01LY R      060BOWLRK3EA0EE HR020HM                      20560040    + 04000                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3GRW01L   0108010079 N39173601W094434554-0300    +02759010110000571501

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3PR01LY RW01L001Y0000W01B0N3917360100W09443455400+027590300N3919215000W094431436001065000480000574F400500FA9E3357
        SUSAP KMCIK3PR01LY RW01L002E      +03082+03082LPV       42808          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 1026 TDZE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2007

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW01LK3PG              0   18018003125                                                                      M
```

CITY AND STATE	ELEVATION: 1026 TDZE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HOOZE	HOOZE	010	IAF	IF		FB				
	HOOZE	DASHI	020		TF		FB	1.0	057.6(063T)	026.7	05000
		DASHI	010	FACF	IF		FB				05000
		SQIRL	020	FAF	TF		FB	0.5	007.9(013T)	007.2	02600
		RW01L	030	MAP	TF		FO	0.3	007.9(013T)	004.8	01068

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BRTNY	040		DF		FB	1.0			
	BOWLR	050		TF		FO	1.0	286.4(291T)		04000
	BOWLR	060		HM	R	FO	2.0	205.6(211T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOWLR	N393721.29	W0951100.26	N3937.355	W09511.004
	BRTNY	N392812.86	W0944036.96	N3928.214	W09440.616
	DASHI	N390556.66	W0944711.58	N3905.944	W09447.193
	HOOZE	N385342.28	W0951739.85	N3853.705	W09517.664
	SQIRL	N391258.21	W0944507.52	N3912.970	W09445.125
	RW01L	N391736.01	W0944345.54	N3917.600	W09443.759

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01L	01011	57

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1011** AIRPORT NAME: **KANSAS CITY INTL**	RNAV	**RNAV (GPS) Y RWY 1L, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 1L** AMDT: **ORIG** DATED: **09/06/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRIKE	DOREE (FB)	288.75 / 22.20	6000
DOREE (IAF)	BARBQ (FB)	322.99 / 7.00	5000
BARBQ (IF)	RIBBS (FB)	007.90 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW01R

CLIMB TO 4000 DIRECT ZASBO AND VIA 074.46 TRACK DIRECT DONNS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 254.46 INBOUND.
CHART FAS OBST: 1070 TREE 391647N/0944219W
FAS OBST: 1109 AAO 391334N/0944235W
DISTANCE TO THLD FROM 250 HAT: 0.60 NM.
CHART VDP AT 0.97 MILES TO RW01R* *LNAV ONLY.
WAAS CHANNEL # 58208
REFERENCE PATH ID: W01A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BARBQ
3. FAC: 007.93 FAF: RIBBS DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: BARBQ 5000, RIBBS 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: RIBBS OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.1 34:1 IS CLEAR
8. MSA FROM: RW01R 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1267	2400	250	1267	2400	250	1267	2400	250	1267	2400	250	1267	2400	250
LNAV/VNAV DA	1326	2400	309	1326	2400	309	1326	2400	309	1326	4000	309	1326	4000	309
LNAV MDA	1400	2400	383	1400	2400	383	1400	2400	383	1400	5000	383	1400	5000	383
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 5000, LNAV CAT E VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1017 KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 1R AMDT: ORIG DATED 09/06/2008

FAA FORM 8260 - 3 / December 2002 (computer generated)

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CITY AND STATE	ELEVATION: 1026 TDZE: 1017 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1R
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW01R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	391653.2400N
LTP/FTP LONGITUDE	0944232.3900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02775
FPAP LATITUDE	391824.7700N
FPAP LONGITUDE	0944205.3200W
THRESHOLD CROSSING HEIGHT (TCH)	00059.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D8C805CB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03098
FPAP ORTHOMETRIC HEIGHT	+03098

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BARBQ K30    C     N39051509W094455821                    E0021     NAR           BARBQ                  G
          SUSAEAENRT   DONNS K30    C     N39322244W094032145                    E0021     NAR           DONNS                  G
          SUSAEAENRT   DOREE K30    W     N38591871W094411228                    E0022     NAR           DOREE                  G
          SUSAEAENRT   RIBBS K30    C     N39121667W094435406                    E0021     NAR           RIBBS                  G
          SUSAEAENRT   TRIKE K30    C     N38502456W094150860                    E0022     NAR           TRIKE                  G
          SUSAEAENRT   ZASBO K30    W     N39271588W094392777                    E0021     NAR           ZASBO                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL           G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3FR01RY ATRIKE 010TRIKEK3EA0E       IF                                                18000              A JS   G
          SUSAP KMCIK3FR01RY ATRIKE 020DOREEK3EA0E  A 020TF                      28880222    + 06000                          A JS   G
          SUSAP KMCIK3FR01RY ATRIKE 030BARBQK3EA0EE   010TF                      32300070    + 05000                          A JS   G
          SUSAP KMCIK3FR01RY R      010BARBQK3EA0E  I    IF                                 + 05000    18000                 A JS   G
          SUSAP KMCIK3FR01RY R      020RIBBSK3EA1E  F 051TF                      00790072    + 02600                RW01R K3PGA JS   G
          SUSAP KMCIK3FR01RY R      020RIBBSK3EA2WALPV       ALNAV/VNAV ALNAV                                                JS   G
          SUSAP KMCIK3FR01RY R      030RW01RK3PG0GY M 031TF                      00790047     01075          -300              A JS   G
          SUSAP KMCIK3FR01RY R      040ZASBOK3EA0E M  010DF                                                                A JS   G
          SUSAP KMCIK3FR01RY R      050DONNSK3EA0EY   010TF                      0745        + 04000                          A JS   G
          SUSAP KMCIK3FR01RY R      060DONNSK3EA0EE HR020HM                      25450040    + 04000                          A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3GRW01R   0095000079 N39165324W094423239-0400    +0277501016000059150I                                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3PR01RY RW01R001Y0000W01A0N3916532400W09442323900+027750300N3918247700W094420532001067500000000591F400500D8C805CBG
          SUSAP KMCIK3PR01RY RW01R002E      +03098+03098LPV       58208          000                                            G
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CITY AND STATE	ELEVATION: 1026 TDZE: 1017	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1R
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW01RK3PG               0   18018003125                                                          M   G
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CITY AND STATE	ELEVATION: 1026 TDZE: 1017	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 1R
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1R, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TRIKE	TRIKE	010		IF		FB				
	TRIKE	DOREE	020	IAF	TF		FB	2.0	288.8(294T)	022.2	06000
	TRIKE	BARBQ	030		TF		FB	1.0	323.0(328T)	007.0	05000
		BARBQ	010	FACF	IF		FB				05000
		RIBBS	020	FAF	TF		FB	0.5	007.9(013T)	007.2	02600
		RW01R	030	MAP	TF		FO	0.3	007.9(013T)	004.7	01075

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZASBO	040		DF		FB	1.0			
	DONNS	050		TF		FO	1.0	074.5(080T)		04000
	DONNS	060		HM	R	FO	2.0	254.5(260T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BARBQ	N390515.09	W0944558.21	N3905.252	W09445.970
	DONNS	N393222.44	W0940321.45	N3932.374	W09403.358
	DOREE	N385918.71	W0944112.28	N3859.312	W09441.205
	RIBBS	N391216.67	W0944354.06	N3912.278	W09443.901
	TRIKE	N385024.56	W0941508.60	N3850.409	W09415.143
	ZASBO	N392715.88	W0943927.77	N3927.265	W09439.463
	RW01R	N391653.24	W0944232.39	N3916.887	W09442.540

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01R	01016	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1017 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 1R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 1R AMDT: ORIG DATED: 09/06/2001

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOOZE	ACTSS (FB)	018.96 / 22.52	6000
ACTSS (IAF)	LADYD (FB)	045.89 / 7.00	5000
LADYD (IF)	JAYBA (FB)	090.96 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 4000 DIRECT DUSTN AND VIA 089.45 TRACK TO LYMES AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 269.01 INBOUND.
CHART FAS OBST: 1237 TOWER 391715N/0944747W
CHART FAS OBST: 1149 TREE 391747N/0944401W
DISTANCE TO THLD FROM 300 HAT: 0.77 NM.
CHART VDP AT 1.35 MILES TO RW09* *LNAV ONLY.
WAAS CHANNEL # 56608
REFERENCE PATH ID: W09A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LADYD
3. FAC: 091.06 FAF: JAYBA DIST FAF TO MAP: 4.74 THLD: 4.74
4. MIN. ALT: LADYD 5000, JAYBA 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: JAYBA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.9 34:1 IS CLEAR
8. MSA FROM: RW09 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1315	5000	300	1315	5000	300	1315	5000	300	1315	5000	300	1315	5000	300
LNAV/VNAV DA	1419	1 1/2	404	1419	1 1/2	404	1419	1 1/2	404	1419	1 1/2	404	1419	1 1/2	404
LNAV MDA	1500	4000	485	1500	4000	485	1500	4000	485	1500	5000	485	1500	6000	485
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A AND B VISIBILITY TO RVR 5000 AND CAT E VISIBILITY TO 1 3/4 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
SEE 8260-10

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1015 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 9, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 09/06/2001

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT HOOZE VIA V502 SOUTHWEST BOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1015** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 9, AMDT 1** 25 SEP 2008	AMDT: **ORIG** DATED: **09/06/2001**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	391727.1000N
LTP/FTP LONGITUDE	0944335.7300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02768
FPAP LATITUDE	391717.0700N
FPAP LONGITUDE	0944135.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00055.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	015FC811

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03092
FPAP ORTHOMETRIC HEIGHT	+03092

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1015 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 9, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 09/06/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACTSS K30    W     N39141757W095055359                    E0029     NAR          ACTSS
        SUSAEAENRT   DUSTN K30    C     N39164656W094353238                    E0022     NAR          DUSTN
        SUSAEAENRT   HOOZE K30    R   L N38534228W095173985                    E0030     NAR          HOOZE
        SUSAEAENRT   JAYBA K30    C     N39175730W094494011                    E0022     NAR          JAYBA
        SUSAEAENRT   LADYD K30    W     N39184256W094585372                    E0022     NAR          LADYD
        SUSAEAENRT   LYMES K30    C   L N39145847W094064538                    E0022     NAR          LYMES

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3FR09-Y AHOOZE 010HOOZEK3EA0E       IF                                                18000               A JS
        SUSAP KMCIK3FR09-Y AHOOZE 020ACTSSK3EA0E  A 020TF                      01900225    + 06000                           A JS
        SUSAP KMCIK3FR09-Y AHOOZE 030LADYDK3EA0EE   010TF                      04590070    + 05000                           A JS
        SUSAP KMCIK3FR09-Y R      010LADYDK3EA0E  I    IF                                 + 05000     18000                 A JS
        SUSAP KMCIK3FR09-Y R      020JAYBAK3EA1E  F 051TF                      09100072    + 02600                 RW09  K3PGA JS
        SUSAP KMCIK3FR09-Y R      020JAYBAK3EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
        SUSAP KMCIK3FR09-Y R      030RW09 K3PG0GY M 031TF                      09110047      01070             -300          A JS
        SUSAP KMCIK3FR09-Y R      040DUSTNK3EA0E M  010DF                                                                  A JS
        SUSAP KMCIK3FR09-Y R      050LYMESK3EA0EY   010TF                      0895        + 04000                           A JS
        SUSAP KMCIK3FR09-Y R      060LYMESK3EA0EE HL020HM                      26900040    + 04000                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3GRW09    0095000911 N39172710W094433573+0100    +0276801014000056150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3PR09-Y RW09 001Y0000W09A0N3917271000W09443357300+027680300N3917170700W094413559001065000000000559F400500015FC811
        SUSAP KMCIK3PR09-Y RW09 002E      +03092+03092LPV       56608          000
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CITY AND STATE	ELEVATION: 1026 TDZE: 1015	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 9, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 09/06/2001

CHECKED

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW09 K3PG              0   18018003125                                                          M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1015 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 9, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 09/06/2008

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HOOZE	HOOZE	010		IF		FB				
	HOOZE	ACTSS	020	IAF	TF		FB	2.0	019.0(024T)	022.5	06000
	HOOZE	LADYD	030		TF		FB	1.0	045.9(051T)	007.0	05000
		LADYD	010	FACF	IF		FB				05000
		JAYBA	020	FAF	TF		FB	0.5	091.0(096T)	007.2	02600
		RW09	030	MAP	TF		FO	0.3	091.1(096T)	004.7	01070
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		DUSTN	040		DF		FB	1.0			
		LYMES	050		TF		FO	1.0	089.5(095T)		04000
		LYMES	060		HM	L	FO	2.0	269.0(274T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACTSS	N391417.57	W0950553.59	N3914.293	W09505.893
	DUSTN	N391646.56	W0943532.38	N3916.776	W09435.540
	HOOZE	N385342.28	W0951739.85	N3853.705	W09517.664
	JAYBA	N391757.30	W0944940.11	N3917.955	W09449.669
	LADYD	N391842.56	W0945853.72	N3918.709	W09458.895
	LYMES	N391458.47	W0940645.38	N3914.975	W09406.756
	RW09	N391727.10	W0944335.73	N3917.452	W09443.596

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01014	56

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 1015 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 9, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 09/06/2001

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DONNS	WOMIL (FB)	269.16 / 21.38	6000
WOMIL (IAF)	YOVNU (FB)	233.03 / 7.00	5000
YOVNU (IF)	FELUR (FB)	187.99 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19L

CLIMB TO 4000 DIRECT TERKY AND VIA 122.01 TRACK DIRECT TRIKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 302.01 INBOUND.
CHART FAS OBST: 1152 OL ON ANT 391837N/0944107W
FAS OBST: 1159 AAO 392144N/0944016W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.27 MILES TO RW19L* *LNAV ONLY.
WAAS CHANNEL # 82108
REFERENCE PATH ID: W19A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YOVNU
3. FAC: 187.96 FAF: FELUR DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: YOVNU 5000, FELUR 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: FELUR OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.1 34:1 IS CLEAR
8. MSA FROM: RW19L 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A | ____ | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1244	2400	250	1244	2400	250	1244	2400	250	1244	2400	250	1244	2400	250
LNAV/VNAV DA	1397	5000	403	1397	5000	403	1397	5000	403	1397	5000	403	1397	5000	403
LNAV MDA	1440	2400	446	1440	2400	446	1440	4000	446	1440	5000	446	1440	5000	446
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE, LNAV CAT E VISIBILITY TO 1 1/2 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.

CITY AND STATE	ELEVATION: 1026 TDZE: 994	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 19L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 09/06/2001

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CITY AND STATE	ELEVATION: 1026 TDZE: 994 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 19L
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW19L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	391824.7400N
LTP/FTP LONGITUDE	0944205.3200W
LTP/FTP ELLIPSOIDAL HEIGHT	+02656
FPAP LATITUDE	391653.2200N
FPAP LONGITUDE	0944232.4000W
THRESHOLD CROSSING HEIGHT (TCH)	00059.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	61D3E4BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02980
FPAP ORTHOMETRIC HEIGHT	+02980

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   DONNS K30    C     N39322244W094032145                    E0021     NAR           DONNS                  G
          SUSAEAENRT   FELUR K30    W     N39230822W094404132                    E0021     NAR           FELUR                  G
          SUSAEAENRT   TERKY K30    C     N39080879W094450711                    E0021     NAR           TERKY                  G
          SUSAEAENRT   TRIKE K30    C     N38502456W094150860                    E0022     NAR           TRIKE                  G
          SUSAEAENRT   WOMIL K30    W     N39335222W094305582                    E0021     NAR           WOMIL                  G
          SUSAEAENRT   YOVNU K30    W     N39300941W094383614                    E0021     NAR           YOVNU                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL           G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3FR19LY ADONNS 010DONNSK3EA0E       IF                                                18000              A JS   G
          SUSAP KMCIK3FR19LY ADONNS 020WOMILK3EA0E  A 020TF                      26920214    + 06000                          A JS   G
          SUSAP KMCIK3FR19LY ADONNS 030YOVNUK3EA0EE   010TF                      23300070    + 05000                          A JS   G
          SUSAP KMCIK3FR19LY R      010YOVNUK3EA0E  I    IF                                 + 05000     18000                A JS   G
          SUSAP KMCIK3FR19LY R      020FELURK3EA1E  F 051TF                      18800072    + 02600                RW19L K3PGA JS   G
          SUSAP KMCIK3FR19LY R      020FELURK3EA2WALPV       ALNAV/VNAV ALNAV                                                 JS   G
          SUSAP KMCIK3FR19LY R      030RW19LK3PG0GY M 031TF                      18800048      01037          -300          A JS   G
          SUSAP KMCIK3FR19LY R      040TERKYK3EA0E M  010DF                                                               A JS   G
          SUSAP KMCIK3FR19LY R      050TRIKEK3EA0EY   010TF                      1220        + 04000                          A JS   G
          SUSAP KMCIK3FR19LY R      060TRIKEK3EA0EE HR020HM                      30200040    + 04000                          A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3GRW19L   0095001880 N39182474W094420532+0400    +0265600978000059150I                                    G

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3PR19LY RW19L001Y0000W19A0N3918247400W09442053200+026560300N3916532200W0944232400010675000000059lF40050061D3E4BBG
          SUSAP KMCIK3PR19LY RW19L002E      +02980+02980LPV       82108          000                                              G
```

CITY AND STATE	ELEVATION: 1026 TDZE: 994	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 19L
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW19LK3PG               0   18018003125                                                          M   G
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 994 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19L, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 19L AMDT: ORIG DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DONNS	DONNS	010		IF		FB				
	DONNS	WOMIL	020	IAF	TF		FB	2.0	269.2(274T)	021.4	06000
	DONNS	YOVNU	030		TF		FB	1.0	233.0(238T)	007.0	05000
		YOVNU	010	FACF	IF		FB				05000
		FELUR	020	FAF	TF		FB	0.5	188.0(193T)	007.2	02600
		RW19L	030	MAP	TF		FO	0.3	188.0(193T)	004.8	01037
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		TERKY	040		DF		FB	1.0			
		TRIKE	050		TF		FO	1.0	122.0(127T)		04000
		TRIKE	060		HM	R	FO	2.0	302.0(307T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DONNS	N393222.44	W0940321.45	N3932.374	W09403.358
	FELUR	N392308.22	W0944041.32	N3923.137	W09440.689
	TERKY	N390808.79	W0944507.11	N3908.147	W09445.119
	TRIKE	N385024.56	W0941508.60	N3850.409	W09415.143
	WOMIL	N393352.22	W0943055.82	N3933.870	W09430.930
	YOVNU	N393009.41	W0943836.14	N3930.157	W09438.602
	RW19L	N391824.74	W0944205.32	N3918.412	W09442.089

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19L	00978	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 994** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19L, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 19L** AMDT: **ORIG** DATED: **09/06/2001**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUDAA (IAF)	WESGI (FB)	105.24 / 29.22	5000
WESGI (IF)	HNZLY (FB)	187.97 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19R

CLIMB TO 4000 DIRECT WMPOW AND VIA 238.74 TRACK TO RUGBB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 043.24 INBOUND.
CHART FAS OBST: 997 ANT ON POLE 391950N/0944307W
CHART FAS OBST: 1062 TOWER 392158N/0944327W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.05 MILES TO RW19R* *LNAV ONLY.
WAAS CHANNEL # 72908
REFERENCE PATH ID: W19B

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WESGI
3. FAC: 187.95 FAF: HNZLY DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: WESGI 5000, HNZLY 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: HNZLY OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW19R 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1239	2400	250	1239	2400	250	1239	2400	250	1239	2400	250	1239	2400	250
LNAV/VNAV DA	1260	2400	271	1260	2400	271	1260	2400	271	1260	4000	271	1260	4000	271
LNAV MDA	1380	2400	391	1380	2400	391	1380	2400	391	1380	5000	391	1380	5000	391
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUDAA VIA V61 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	ELEVATION: 1026 TDZE: 989	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 19R
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED 09/06/2001

CHART CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000, INCREASE LNAV/VNAV CATS D/E VISIBILITY TO RVR 5000, INCREASE LNAV CAT D VISIBILITY TO RVR 6000, CAT E VISIBILITY TO 1 1/2.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 989** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 19R** AMDT: **ORIG** DATED: **09/06/2001**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW19R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19B
LTP/FTP LATITUDE	391920.0500N
LTP/FTP LONGITUDE	0944314.7900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02656
FPAP LATITUDE	391732.7500N
FPAP LONGITUDE	0944346.4900W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3669B569

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02979
FPAP ORTHOMETRIC HEIGHT	+02979

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HNZLY K30    W     N39240522W094415040                    E0021     NAR          HNZLY                    G
        SUSAEAENRT   JUDAA K30    R   L N39411883W095151074                    E0029     NAR          JUDAA                    G
        SUSAEAENRT   RUGBB K30    C   L N39002472W095080895                    E0029     NAR          RUGBB                    G
        SUSAEAENRT   WESGI K30    W     N39310638W094394541                    E0021     NAR          WESGI                    G
        SUSAEAENRT   WMPOW K30    C     N39085035W094462052                    E0021     NAR          WMPOW                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL             G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3FR19RY AJUDAA 010JUDAAK3EA0E  A    IF                                                18000              A JS   G
        SUSAP KMCIK3FR19RY AJUDAA 020WESGIK3EA0EE   010TF                    10520292    + 05000                              A JS   G
        SUSAP KMCIK3FR19RY R      010WESGIK3EA0E  I    IF                               + 05000     18000                    A JS   G
        SUSAP KMCIK3FR19RY R      020HNZLYK3EA1E  F 051TF                    18800072    + 02600                RW19R K3PGA JS   G
        SUSAP KMCIK3FR19RY R      020HNZLYK3EA2WALPV       ALNAV/VNAV ALNAV                                                JS   G
        SUSAP KMCIK3FR19RY R      030RW19RK3PG0GY M 031TF                    18800049      01027          -300          A JS   G
        SUSAP KMCIK3FR19RY R      040WMPOWK3EA0E M  010DF                                                              A JS   G
        SUSAP KMCIK3FR19RY R      050RUGBBK3EA0EY   010TF                    2387        + 04000                          A JS   G
        SUSAP KMCIK3FR19RY R      060RUGBBK3EA0EE HR020HM                    04320070    + 04000                          A JS   G

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3GRW19R   0108011879 N39192005W094431479+0300    +0265600977000050150I                                        G

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3PR19RY RW19R001Y0000W19B0N3919200500W09443147900+026560300N3917327500W094434649001065001040005O0F4005003669B569G
        SUSAP KMCIK3PR19RY RW19R002E      +02979+02979LPV       72908          000                                              G

                1         2         3         4         5         6         7         8         9         0         1         2         3
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CITY AND STATE	ELEVATION: 1026 TDZE: 989	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 19R
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19R, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW19RK3PG              0   18018003125                                                          M   G
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	ELEVATION: 1026 TDZE: 989 AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 19R, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 19R AMDT: ORIG DATED: 09/06/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JUDAA	JUDAA	010	IAF	IF		FB				
	JUDAA	WESGI	020		TF		FB	1.0	105.2(110T)	029.2	05000
		WESGI	010	FACF	IF		FB				05000
		HNZLY	020	FAF	TF		FB	0.5	188.0(193T)	007.2	02600
		RW19R	030	MAP	TF		FO	0.3	188.0(193T)	004.9	01027

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WMPOW	040		DF		FB	1.0			
	RUGBB	050		TF		FO	1.0	238.7(244T)		04000
	RUGBB	060		HM	R	FO	2.0	043.2(048T)	007.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HNZLY	N392405.22	W0944150.40	N3924.087	W09441.840
	JUDAA	N394118.83	W0951510.74	N3941.314	W09515.179
	RUGBB	N390024.72	W0950808.95	N3900.412	W09508.149
	WESGI	N393106.38	W0943945.41	N3931.106	W09439.757
	WMPOW	N390850.35	W0944620.52	N3908.839	W09446.342
	RW19R	N391920.05	W0944314.79	N3919.334	W09443.247

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19R	00977	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 989** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 19R, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 19R** AMDT: **ORIG** DATED: **09/06/2001**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRIKE	BUFFE (FB)	342.88 / 20.55	6000
BUFFE (IAF)	SLIMS (FB)	316.36 / 7.00	5000
SLIMS (IF)	DUSTN (FB)	271.30 / 7.20	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 4000 DIRECT WOOKE AND VIA 322.03 TRACK TO BOWLR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 205.59 INBOUND.
CHART FAS OBST: 1204 BLDG 391644N/0944020W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
WAAS CHANNEL # 82708
REFERENCE PATH ID: W27A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SLIMS
3. FAC: 271.20 FAF: DUSTN DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: SLIMS 5000, DUSTN 2600, CARYE/1.50 NM TO RW27 1540*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: DUSTN OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.0 34:1 IS CLEAR
8. MSA FROM: RW27 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1276	2400	250	1276	2400	250	1276	2400	250	1276	2400	250	1276	2400	250
LNAV/VNAV DA	1495	6000	469	1495	6000	469	1495	6000	469	1495	6000	469	1495	6000	469
LNAV MDA	1460	2400	434	1460	2400	434	1460	4000	434	1460	5000	434	1460	5000	434
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554	1580	2	554

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
SEE 8260-10

CITY AND STATE	ELEVATION: 1026 TDZE: 1026	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	RNAV (GPS) Y RWY 27, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED 09/06/2001

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 3/4 MILE AND LNAV CAT E VISIBILITY TO 1 1/2 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1026** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 27, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 27** AMDT: **ORIG** DATED: **09/06/2001**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCI
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	391717.0800N
LTP/FTP LONGITUDE	0944135.5900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02803
FPAP LATITUDE	391727.5800N
FPAP LONGITUDE	0944341.4200W
THRESHOLD CROSSING HEIGHT (TCH)	00049.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EE9EFE0D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03126
FPAP ORTHOMETRIC HEIGHT	+03126

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BOWLR K30    C   L N39372129W095110026                    E0029     NAR          BOWLR
          SUSAEAENRT   BUFFE K30    W     N39103124W094204156                    E0022     NAR          BUFFE
          SUSAEAENRT   CARYE K30    C     N39170743W094394034                    E0022     NAR          CARYE
          SUSAEAENRT   DUSTN K30    C     N39164656W094353238                    E0022     NAR          DUSTN
          SUSAEAENRT   SLIMS K30    C     N39155945W094261925                    E0022     NAR          SLIMS
          SUSAEAENRT   TRIKE K30    C     N38502456W094150860                    E0022     NAR          TRIKE
          SUSAEAENRT   WOOKE K30          N39182400W094550560                    E0022     NAR          WOOKE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3FR27-Y ATRIKE 010TRIKEK3EA0E       IF                                                18000              A JS
          SUSAP KMCIK3FR27-Y ATRIKE 020BUFFEK3EA0E  A 020TF                    34290206    + 06000                          A JS
          SUSAP KMCIK3FR27-Y ATRIKE 030SLIMSK3EA0EE   010TF                    31640070    + 05000                          A JS
          SUSAP KMCIK3FR27-Y R      010SLIMSK3EA0E  I    IF                               + 05000     18000                A JS
          SUSAP KMCIK3FR27-Y R      020DUSTNK3EA1E  F 051TF                    27130072    + 02600                 RW27  K3PGA JS
          SUSAP KMCIK3FR27-Y R      020DUSTNK3EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KMCIK3FR27-Y R      021CARYEK3EA0E S  031TF                    27120032    V 0154001554       -300          A JS
          SUSAP KMCIK3FR27-Y R      030RW27 K3PG0GY M 031TF                    27120015      01075            -300          A JS
          SUSAP KMCIK3FR27-Y R      040WOOKEK3EA0E M  010DF                                                              A JS
          SUSAP KMCIK3FR27-Y R      050BOWLRK3EA0EY   010TF                    3220        + 04000                          A JS
          SUSAP KMCIK3FR27-Y R      060BOWLRK3EA0EE HR020HM                    20560040    + 04000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMCIK3GRW27    0095002711 N39171708W094413559-0100    +0280301026000049150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 1026 TDZE: 1026	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
KANSAS CITY, MO	AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 27, AMDT 1** 25 SEP 2008	AMDT: **ORIG**
				DATED: **09/06/2001**

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KMCIK3PR27-Y RW27 001Y0000W27A0N3917170800W09441355900+028030300N3917275800W094434142001067501360004 90F400500EE9EFE0D
SUSAP KMCIK3PR27-Y RW27 002E      +03126+03126LPV       82708          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SRW27 K3PG              0   18018003125                                                                M
```

CITY AND STATE	ELEVATION: 1026 TDZE: 1026	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 27
KANSAS CITY, MO	AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 27, AMDT 1** 25 SEP 2008	AMDT: **ORIG**
				DATED: **09/06/2007**

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TRIKE	TRIKE	010		IF		FB				
	TRIKE	BUFFE	020	IAF	TF		FB	2.0	342.9(348T)	020.6	06000
	TRIKE	SLIMS	030		TF		FB	1.0	316.4(321T)	007.0	05000
		SLIMS	010	FACF	IF		FB				05000
		DUSTN	020	FAF	TF		FB	0.5	271.3(276T)	007.2	02600
		CARYE	021	SDF	TF		FB	0.3	271.2(276T)	003.2	01540
		RW27	030	MAP	TF		FO	0.3	271.2(276T)	001.5	01075
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		WOOKE	040		DF		FB	1.0			
		BOWLR	050		TF		FO	1.0	322.0(327T)		04000
		BOWLR	060		HM	R	FO	2.0	205.6(211T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOWLR	N393721.29	W0951100.26	N3937.355	W09511.004
	BUFFE	N391031.24	W0942041.56	N3910.521	W09420.693
	CARYE	N391707.43	W0943940.34	N3917.124	W09439.672
	DUSTN	N391646.56	W0943532.38	N3916.776	W09435.540
	SLIMS	N391559.45	W0942619.25	N3915.991	W09426.321
	TRIKE	N385024.56	W0941508.60	N3850.409	W09415.143
	WOOKE	N391824.00	W0945505.60	N3918.400	W09455.093
	RW27	N391717.08	W0944135.59	N3917.285	W09441.593

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01026	49

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1026** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Y RWY 27, AMDT 1** 25 SEP 2008	SUP: **RNAV (GPS) RWY 27** AMDT: **ORIG** DATED: **09/06/2001**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT:
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT:
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	**ELEVATION: 1026 TDZE: 1015** AIRPORT NAME: **KANSAS CITY INTL**	**RNAV**	**RNAV (GPS) Z RWY 9, ORIG, 09/06/2001**	AMDT: **NONE**
				DATED

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOOZE (IAF) (40E) (43A)	**DASHI (TF) (FB) (RNP 1.00) (40E) (41E)**	**057.60 / 26.72**	**5000**
DASHI (IF) (40E) (43I)	**SQIRL (TF) (FB) (RNP 1.00) (40E) (43F)**	**007.89 / 7.20**	**2600**
SQIRL (FAF) (40E) (43F)	**RW01L (TF) (FO) (40G) (43M) (41Y)**	**007.91 / 4.75**	
RW01L (MAP) (40G) (43M) (41Y)	**BRTNY (TF) (FB) (RNP 1.00) (40E)**	**007.93 / 10.88**	
BRTNY (40E)	**BOWLR (TF) (FO) (RNP 1.00) (40E) (41E) (43H)**	**286.39 / 25.22**	**4000**

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 007.93 TRACK TO BRTNY AND VIA 286.39 TRACK TO BOWLR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 205.59 INBOUND.
CHART FAS OBST: 1082 WDI ON POLE 391655N/0944357W
DISTANCE TO THLD FROM 250 HAT: 0.60 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1068.7 MSL (DO NOT CHART)

1. PT **NA** SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. **PROFILE STARTS AT DASHI**
3. FAC: **007.91** FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: **DASHI 5000**
5. DIST TO THLD FROM OM: **4.75** MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: **2600** GS ALT AT: **SQIRL 2600** OM: _____ MM: _____ IM: _____
7. GS ANGLE: **3.00** TCH: **57.4# 34:1 IS CLEAR**
8. MSA FROM: **RW01L 3100**

MAG VAR: **5E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.19 DA*	**1261**	**2400**	**250**	**1261**	**2400**	**250**	**1261**	**2400**	**250**	**1261**	**2400**	**250**			
RNP 0.30 DA	**1371**	**4000**	**360**	**1371**	**4000**	**360**	**1371**	**4000**	**360**	**1371**	**4000**	**360**			

NOTES: **CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C(30F) OR ABOVE 47C(116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.19 VISIBILITY TO RVR 4000, AND RNP 0.30 VISIBILITY TO RVR 6000. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 375 FEET PER NM TO 1600.**
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOOZE VIA V502 SOUTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1026 TDZE: 1011 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	**KANSAS CITY INTL**	**RNAV**	25 SEP 2008 **RNAV (RNP) Z RWY 1L, ORIG**	AMDT: **NONE** DATE

CHECK

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRIKE (40E)	DOREE (TF) (FB) (RNP 2.00) (40E) (43A)	288.75/22.20	6000
DOREE (IAF) (40E) (43A)	BARBQ (TF) (FB) (RNP 1.00) (40E) (41E)	322.99/7.00	5000
BARBQ (IF) (40E) (43I)	RIBBS (TF) (FB) (RNP 1.00) (40E) (43F)	007.90/7.20	2600
RIBBS (FAF) (40E) (43F)	RW01R (TF) (FO) (40G) (41Y) (43M)	007.93/4.73	
RW01R (MAP) (40G) (41Y) (43M)	ZASBO (TF) (FB) (RNP 1.00) (40E)	007.94/10.64	
ZASBO (40E)	DONNS (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	074.46/28.41	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 007.94 TRACK TO ZASBO AND VIA 074.46 TRACK TO DONNS AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 254.46 INBOUND
CHART FAS OBST: 1033 POLE 391620N/0944242W
DISTANCE TO THLD FROM 268 HAT: 0.66 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
*TCH 1075.5 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT BARBQ
3. FAC: 007.93 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: BARBQ 5000
5. DIST TO THLD FROM OM: 4.73 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 2600 GS ALT AT: RIBBS 2600 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 59.1* 34:1 IS CLEAR
8. MSA FROM: RW01R 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY ====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	1285	2400	268	1285	2400	268	1285	2400	268	1285	2400	268			
RNP 0.30 DA	1324	2400	307	1324	2400	307	1324	2400	307	1324	2400	307			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (29F) OR ABOVE 46C (115F). FOR INOPERATIVE ALSF INCREASE RNP 0.15 VISIBILITY TO RVR 5000, AND RNP 0.30 VISIBILITY TO RVR 6000.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1026 TDZE: 1016	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 1R, ORIG	AMDT: NONE
				DATE

CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOOZE (40E)	ACTSS (TF) (FB) (RNP 2.00) (40E) (43A)	18.96 / 22.52	6000
ACTSS (IAF) (40E) (43A)	LADYD (TF) (FB) (RNP 1.00) (40E) (41E)	45.89 / 7.00	5000
LADYD (IF) (40E) (43I)	JAYBA (TF) (FB) (RNP 1.00) (40E) (43F)	90.96 / 7.20	2600
JAYBA (FAF) (40E) (43F)	RW09 (TF) (FO) (40G) (43M) (41Y)	091.06 / 4.74	
RW09 (MAP) (40G) (43M) (41Y)	DUSTN (TF) (FB) (RNP 1.00) (40E)	091.12 / 6.29	
DUSTN (40E)	LYMES (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	089.45 / 22.43	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 091.12 TRACK TO DUSTN AND VIA 089.45 TRACK TO LYMES AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 269.01 INBOUND
CHART FAS OBST: 1129 TREE 391738N/0944406W
1237 TOWER 391715N/0944747W
DISTANCE TO THLD FROM 340 HAT: 0.89 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
*TCH 1070.20 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LADYD
3. FAC: 091.06 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: LADYD 5000
5. DIST TO THLD FROM OM: 4.74 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: JAYBA 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.9* 34:1 IS CLEAR
8. MSA FROM: RW09 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	1355	4000	340	1355	4000	340	1355	4000	340	1355	4000	340			
RNP 0.30 DA	1392	4000	377	1392	4000	377	1392	4000	377	1392	4000	377			

NOTES: **CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (31F) OR ABOVE 46C (114F). FOR INOPERATIVE MALSR, INCREASE RNP 0.15 AND 0.30 VISIBILITY TO RVR 6000.**
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOOZE VIA V502 SOUTHWEST BOUND.

CITY AND STATE	ELEVATION: 1026 TDZE: 1015	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 9, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DONNS (40E)	WOMIL (TF) (FB) (RNP 2.00) (40E) (43A)	269.16/21.38	6000
WOMIL (IAF) (40E) (43A)	YOVNU (TF) (FB) (RNP 1.00) (40E) (41E)	233.03/7.00	5000
YOVNU (IF) (40E) (43I)	FELUR (TF) (FB) (RNP 1.00) (40E) (43F)	187.99/7.20	2600
FELUR (FAF) (40E) (43F)	RW19L (TF) (FO) (40G) (41Y) (43M)	187.96/4.84	
RW19L (MAP) (40G) (41Y) (43M)	TERKY (TF) (FB) (RNP 1.00) (40E)	187.95/10.52	
TERKY (40E)	TRIKE (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	122.01/29.33	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 187.95 TRACK TO TERKY AND VIA 122.01 TRACK TO TRIKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 302.01 INBOUND
CHART FAS OBST: 1053 TREE 391846N/0944146W
1026 TREE 391903N/0944145W
DISTANCE TO THLD FROM 308 HAT: 0.83 NM
ROUTE TYPE: A,R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
*TCH 1036.7 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YOVNU
3. FAC: 187.96 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: YOVNU 5000
5. DIST TO THLD FROM OM: 4.84 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: FELUR 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.1* 34:1 IS CLEAR
8. MSA FROM: RW19L 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	1302	4000	308	1302	4000	308	1302	4000	308	1302	4000	308			
RNP 0.30 DA	1417	5000	423	1417	5000	423	1417	5000	423	1417	5000	423			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (29F) OR ABOVE 46C (116F). FOR INOPERATIVE MALSR INCREASE RNP 0.15 VISIBILITY TO RVR 6000, AND RNP 0.30 VISIBILITY TO 1 1/2 MILE.

CITY AND STATE	ELEVATION: 1026 TDZE: 994	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 19L, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUDAA (IAF) (40E) (43A)	WESGI (TF) (FB) (RNP 1.00) (40E) (41E)	105.24 / 29.22	5000
WESGI (IF) (40E) (43I)	HNZLY (TF) (FB) (RNP 1.00) (40E) (43F)	187.97 / 7.20	2600
HNZLY (FAF) (40E) (43F)	RW19R (TF) (FO) (40G) (43M) (41Y)	187.95 / 4.87	
RW19R (MAP) (40G) (43M) (41Y)	WMPOW (TF) (FB) (RNP 1.00) (40E)	187.94 / 10.76	
WMPOW (40E)	RUGBB (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	238.74 / 18.95	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 187.94 TRACK TO WMPOW AND VIA 238.74 TRACK TO RUGBB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 043.24 INBOUND.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1027.4 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WESGI
3. FAC: 187.95 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WESGI 5000
5. DIST TO THLD FROM OM: 4.87 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: HNZLY 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0# 34:1 IS CLEAR
8. MSA FROM: RW19R 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	1239	2400	250	1239	2400	250	1239	2400	250	1239	2400	250			
RNP 0.30 DA	1275	2400	286	1275	2400	286	1275	2400	286	1275	2400	286			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C(30F) OR ABOVE 46C(114F). FOR INOPERATIVE ALSF, INCREASE RNP 0.15 AND 0.30 VISIBILITY TO RVR 5000.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUDAA VIA V61 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1026 TDZE: 989 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 19R, ORIG	AMDT: NONE DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TRIKE (40E)	BUFFE (TF) (FB) (RNP 2.00) (40E) (43A)	342.88 / 20.55	6000
BUFFE (IAF) (40E) (43A)	SLIMS (TF) (FB) (RNP 1.00) (40E) (41E)	316.36 / 7.00	5000
SLIMS (IF) (40E) (43I)	DUSTN (TF) (FB) (RNP 1.00) (40E) (43F)	271.30 / 7.20	2600
DUSTN (FAF) (40E) (43F)	RW27 (TF) (FO) (40G) (43M) (41Y)	271.20 / 4.73	
RW27 (MAP) (40G) (43M) (41Y)	WOOKE (TF) (FB) (RNP 1.00) (40E)	271.14 / 10.54	
WOOKE (40E)	BOWLR (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	322.03 / 22.59	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 271.14 TRACK TO WOOKE AND VIA 322.03 TRACK TO BOWLR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 205.59 INBOUND
CHART FAS OBST: 1169 TREE 391702N/0944044W
1204 BLDG 391644N/0944020W
DISTANCE TO THLD FROM 388 HAT: 1.07 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
*TCH 1074.70 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SLIMS
3. FAC: 271.20 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: SLIMS 5000
5. DIST TO THLD FROM OM: 4.73 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: DUSTN 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.0* 34:1 IS CLEAR
8. MSA FROM: RW27 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.15 DA	1414	4000	388	1414	4000	388	1414	4000	388	1414	4000	388			
RNP 0.30 DA	1492	6000	466	1492	6000	466	1492	6000	466	1492	6000	466			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (31F) OR ABOVE 46C (114F). FOR INOPERATIVE MALSR, INCREASE RNP 0.15 AND 0.30 VISIBILITY TO 1 3/4 MILE.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1026 TDZE: 1026 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	KANSAS CITY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 27, ORIG	AMDT: NONE
				DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BQS VOR/DME	WEXAL (FO)	213.64 / 36.35	2700
ANX VORTAC	SUPEE (FB)	291.57 / 5.39	2900
SUPEE (IAF)	WEXAL (NOPT) (FB)	274.17 / 5.00	2700
WEXAL (IF/IAF)	IJUBO (FB)	004.10 / 6.10	2400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 2700 DIRECT OSRAF AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 184.14 INBOUND.
CHART FAS OBST: 999 TREE 391734N/0941930W
CHART FAS OBST: 979 TREE 391806N/0941803W
CHART 1059 TREE 391650N/0941839W
DISTANCE TO THLD FROM 329 HAT: 0.89 NM.
CHART VDP AT 1.38 MILES TO RW36* *LNAV ONLY.
WAAS CHANNEL # 86409
REFERENCE PATH ID: W36A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S WEXAL, RT, 004.10 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 004.11 FAF: IJUBO DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: WEXAL 2700, IJUBO 2400, ZAGRI/2.60 NM TO RW36 1640*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: IJUBO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.3 34:1 IS NOT CLEAR
8. MSA FROM: RW36 3100

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1105	1 1/4	329	1105	1 1/4	329	1105	1 1/4	329		NA				
LNAV/VNAV DA	1341	2	565	1341	2	565	1341	2	565		NA				
LNAV MDA	1260	1	484	1260	1	484	1260	1 1/4	484		NA				
CIRCLING	1300	1	523	1300	1	523	1320	1 1/2	543		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING KANSAS CITY INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 777 TDZE: 776	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	AIRPORT NAME: MIDWEST NATIONAL AIR CENTER	RNAV	RNAV (GPS) RWY 36, AMDT 2 SEP 25 2008	AMDT: 1A DATED 12/20/2007

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED USE KANSAS CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 79 FEET AND ALL LPV AND LNAV/VNAV VISIBILITIES 1/4 MILE; INCREASE ALL MDA 80 FEET AND LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING KANSAS CITY INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANX VORTAC VIA V10-12 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BQS VOR/DME VIA V502 NORTHEAST BOUND.
***LNAV ONLY**

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	**ELEVATION: 777 TDZE: 776** AIRPORT NAME: **MIDWEST NATIONAL AIR CENTER**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 2** SEP 25 2008	AMDT: **1A** DATED: **12/20/2007**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGPH
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	391930.0465N
LTP/FTP LONGITUDE	0941839.0720W
LTP/FTP ELLIPSOIDAL HEIGHT	+02036
FPAP LATITUDE	392058.5400N
FPAP LONGITUDE	0941824.8300W
THRESHOLD CROSSING HEIGHT (TCH)	00045.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C3FE55F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02361
FPAP ORTHOMETRIC HEIGHT	+02362

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	ELEVATION: 777 TDZE: 776 AIRPORT NAME: MIDWEST NATIONAL AIR CENTER	RNAV	RNAV (GPS) RWY 36, AMDT 2 SEP 25 2008	AMDT: 1A DATED: 12/20/2007

QUALITY CHECKED

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ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ANX   K3011400VTLW N39054353W094074381    N39054353W094074381E007000878      NARNAPOLEON
        SUSAD        BQS   K3011120VDLW N39375000W093523100    N39375000W093523100E003000930      NARBRAYMER

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IJUBO K30    W     N39143841W094192592                    E0021     NAR          IJUBO
        SUSAEAENRT   OSRAF K30    C     N39315226W094163936                    E0022     NAR          OSRAF
        SUSAEAENRT   SUPEE K30    W     N39075784W094140152                    E0021     NAR          SUPEE
        SUSAEAENRT   WEXAL K30    W     N39083513W094202411                    E0021     NAR          WEXAL
        SUSAEAENRT   ZAGRI K30    W     N39165511W094190397                    E0021     NAR          ZAGRI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGPHK3AGPH     0     055YHN39195700W094183470E003000777        1800018000C    MNAR    MIDWEST NATIONAL AIR CENTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGPHK3FR36   AANX   010ANX  K3D 0V       IF                                                18000                A JS
        SUSAP KGPHK3FR36   AANX   020SUPEEK3EA0E  A 020TF                    29160054    + 02900                               A JS
        SUSAP KGPHK3FR36   AANX   030WEXALK3EA0EE   010TF                    27420050    + 02700                               A JS
        SUSAP KGPHK3FR36   ABQS   010BQS  K3D 0V       IF                                                18000                A JS
        SUSAP KGPHK3FR36   ABQS   020WEXALK3EA0EY A 020TF                    21360364    + 02700                               A JS
        SUSAP KGPHK3FR36   ABQS   030WEXALK3EA0EB CR   HF                    00410040    + 02700                               A JS
        SUSAP KGPHK3FR36   R      010WEXALK3EA0E  I    IF                                + 02700     18000                     A JS
        SUSAP KGPHK3FR36   R      020IJUBOK3EA1E  F 051TF                    00410061    + 02400                RW36  K3PGA JS
        SUSAP KGPHK3FR36   R      020IJUBOK3EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KGPHK3FR36   R      021ZAGRIK3EA0E S  031TF                    00410023    V 0164001655       -300              A JS
        SUSAP KGPHK3FR36   R      030RW36 K3PG0GY M 031TF                    00410026      00820            -300              A JS
        SUSAP KGPHK3FR36   R      040OSRAFK3EA0EYM  010DF                               + 02700                               A JS
        SUSAP KGPHK3FR36   R      050OSRAFK3EA0EE HL020HM                    18410040    + 02700                               A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 777 TDZE: 776	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	AIRPORT NAME: MIDWEST NATIONAL AIR CENTER	RNAV	RNAV (GPS) RWY 36, AMDT 2 SEP 25 2008	AMDT: 1A
				DATED: 12/20/2007

QUALITY 2 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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----------------------------------------------------------------------------------------------------------------------------
SUSAP KGPHK3GRW36     0055040041 N39193005W094183907+0000     +02036007750000045100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------
SUSAP KGPHK3PR36    RW36 001 0000W36A0N3919300465W09418390720+020360300N3920585400W094182483001067510720000453F400500C3FE55F0
SUSAP KGPHK3PR36    RW36 002E      +02362+02361LPV       86409          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
----------------------------------------------------------------------------------------------------------------------------
SUSAP KGPHK3SRW36 K3PG               0   18018003125                                                                  M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	ELEVATION: 777 TDZE: 776 AIRPORT NAME: MIDWEST NATIONAL AIR CENTER	RNAV	RNAV (GPS) RWY 36, AMDT 2 SEP 25 2008	AMDT: 1A DATED: 12/20/2007

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANX	ANX	010		IF		FB				
	ANX	SUPEE	020	IAF	TF		FB	2.0	291.6(295T)	005.4	02900
	ANX	WEXAL	030		TF		FB	1.0	274.2(277T)	005.0	02700
	BQS	BQS	010		IF		FB				
	BQS	WEXAL	020	IAF	TF		FO	2.0	213.6(217T)	036.4	02700
	BQS	WEXAL	030		HF	R	FO		004.1(007T)	004.0	02700
		WEXAL	010	FACF	IF		FB				02700
		IJUBO	020	FAF	TF		FB	0.5	004.1(007T)	006.1	02400
		ZAGRI	021	SDF	TF		FB	0.3	004.1(007T)	002.3	01640
		RW36	030	MAP	TF		FO	0.3	004.1(007T)	002.6	00820

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OSRAF	040		DF		FO	1.0			02700
	OSRAF	050		HM	L	FO	2.0	184.1(187T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANX	N390543.53	W0940743.81	N3905.726	W09407.730
	BQS	N393750.00	W0935231.00	N3937.833	W09352.517
	IJUBO	N391438.41	W0941925.92	N3914.640	W09419.432
	OSRAF	N393152.26	W0941639.36	N3931.871	W09416.656
	SUPEE	N390757.84	W0941401.52	N3907.964	W09414.025
	WEXAL	N390835.13	W0942024.11	N3908.586	W09420.402
	ZAGRI	N391655.11	W0941903.97	N3916.919	W09419.066
	RW36	N391930.05	W0941839.07	N3919.501	W09418.651

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00775	45

CITY AND STATE	ELEVATION: 777 TDZE: 776	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOSBY, MO	AIRPORT NAME: **MIDWEST NATIONAL AIR CENTER**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 2** SEP 25 2008	AMDT: **1A** DATED: **12/20/2007**

QUALITY CHECKED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 36, TREES BEGINNING 2258' FROM DER, 220' LEFT OF CENTERLINE, 100' AGL/274' MSL.

NOTE: RWY 18, BUILDING 476' FROM DER, 495' RIGHT OF CENTERLINE 168' AGL/215' MSL, VEHICLE 995' FROM DER, 502' LEFT OF CENTERLINE, 165' AGL/190' MSL,TREES BEGINNING 5619' FROM DER, 630' LEFT OF CENTERLINE, 158' AGL/273' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
CLARKSDALE, MS	FLETCHER FIELD	25 SEP 2008	ORIG

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 36: CLIMB HEADING 359.08 TO 800 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES AND BUSHES BEGINNING 76' FROM DER, 18' LEFT OF CENTERLINE, UP TO 20' AGL/69' MSL. TREES AND BUSHES BEGINNING 211' FROM DER, 182' RIGHT OF CENTERLINE, UP TO 28' AGL/77' MSL.

NOTE: RWY 36, POLE, TREES, AND BUSHES BEGINNING 969' FROM DER, 183' LEFT OF CENTERLINE, UP TO 94' AGL/144' MSL. POLE, BUSH, AND TREES BEGINNING 63' FROM DER, 74' RIGHT OF CENTERLINE, UP TO 97' AGL/143' MSL.

(4) CONTROLLING OBSTACLES:

RWY 36: 608 MSL TOWER 303311.00N/0893751.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PICAYUNE, MS	PICAYUNE MUNI	25 SEP 2008	ORIG

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OFK VOR/DME	**BVN NDB**	**233.09 / 31.83**	**4000**

MISSED APPROACH

MAP: BVN NDB

CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 4000 DIRECT BVN NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 332.65 INBOUND.
CHART FAS OBST: 2200 TOWER 414038N/0980052W
CHART: O'NEILL MOA
FAC CROSSES RWY C/L EXTENDED 2996 FROM THLD.

1. PT **R** SIDE OF COURSE **152.65** OUTBOUND **4000** FT WITHIN **10** MILES OF **BVN NDB** (IAF)
2.
3. FAC **332.65** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **BVN NDB 090-180 4800, 180-290 3700, 290-090 4300**

MAG VAR: **6E** EPOCH YEAR:**2000**

MINIMUMS

TAKEOFF: | STANDARD | **X** | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-33	**2600**	**1**	**797**	**2600**	**1 1/4**	**797**		**NA**			**NA**				
CIRCLING	**2600**	**1**	**794**	**2600**	**1 1/4**	**794**		**NA**			**NA**				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK ALTIMETER SETTING AND INCREASE ALL MDA 120 FT AND INCREASE S-33 CAT A AND CIRCLING CAT A VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ALBION, NE	**ELEVATION: 1806 TDZE: 1803** **ALBION MUNI**	**BVN**	**NDB RWY 33, AMDT 2** SEP 25 2008	SUP AMDT **1** DATE **10/01/2004**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 5 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SOQZU (IAF)	AMTAH (NOPT) (FB)	057.60 / 5.00	4300
VEJAL (IAF)	AMTAH (NOPT) (FB)	237.74 / 5.00	4300
AMTAH (IF/IAF)	AYILO (FB)	147.67 / 6.19	3400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

CLIMB TO 4300 DIRECT AMIVY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW AMTAH, RT, 147.67 INBOUND, 4300 FT. IN LIEU OF PT (IAF)
3. FAC: 147.71 FAF: AYILO DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: AMTAH 4300, AYILO 3400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: AYILO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 327.81 INBOUND.
CHART FAS OBST: 1885 TREE GRP2 414405N/0980347W
CHART : 2039 TREE 414724N/0980712W
DISTANCE TO THLD FROM 324 HAT: 0.89 NM.
CHART VDP AT 0.92 MILES TO RW15* *LNAV ONLY.
WAAS CHANNEL # 78009
REFERENCE PATH ID: W15A
CHART APT ELEV: 1806
CHART TDZE: 1806

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2130	1 1/4	324	2130	1 1/4	324		NA			NA				
LNAV/VNAV DA	2269	1 3/4	463	2269	1 3/4	463		NA			NA				
LNAV MDA	2140	1	334	2140	1	334		NA			NA				
CIRCLING	2340	1	534	2420	1	614		NA			NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK ALTIMETER SETTING AND INCREASE
SEE 8260-10

CITY AND STATE	ELEVATION: 1806 TDZE: 1806	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: ALBION MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 10/30/2008

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
ALL DA 106 FEET, ALL MDA 120 FEET, AND INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NORFOLK ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	058/30 CW 238/30 (NOPT)	AMTAH (IF/IAF) (FB)	4300
2.	238/30 CW 328/30	238/26 CW 328/26	4800
	238/26 CW 328/26	VEJAL (IAF) (FB)	4300
3.	328/30 CW 058/30	SOQZU (IAF) (FB)	4300

CITY AND STATE	ELEVATION: 1806 TDZE: 1806	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: ALBION MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 10/30/2000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBVN
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	414359.2650N
LTP/FTP LONGITUDE	0980331.5320W
LTP/FTP ELLIPSOIDAL HEIGHT	+05261
FPAP LATITUDE	414239.3200N
FPAP LONGITUDE	0980238.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3E6220FF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05505
FPAP ORTHOMETRIC HEIGHT	+05505

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ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AMIVY K30    W     N41333414W097564096                    E0043     NAR           AMIVY
          SUSAEAENRT   AMTAH K30    W     N41535124W098100255                    E0050     NAR           AMTAH
          SUSAEAENRT   AYILO K30    W     N41481843W098062244                    E0050     NAR           AYILO
          SUSAEAENRT   SOQZU K30    W     N41513796W098160239                    E0050     NAR           SOQZU
          SUSAEAENRT   VEJAL K30    W     N41560420W098040230                    E0050     NAR           VEJAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBVNK3ABVN     0     037YHN41434288W098032074E006001806         1800018000C    MNAR    ALBION MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBVNK3FR15   AAMTAH 010AMTAHK3EA0EE CR   HF                    14770050    + 04300     18000                A JS
          SUSAP KBVNK3FR15   ASOQZU 010SOQZUK3EA0E  A    IF                                        18000                A JS
          SUSAP KBVNK3FR15   ASOQZU 020AMTAHK3EA0EE   010TF                    05760050    + 04300                          A JS
          SUSAP KBVNK3FR15   AVEJAL 010VEJALK3EA0E  A    IF                                        18000                A JS
          SUSAP KBVNK3FR15   AVEJAL 020AMTAHK3EA0EE   010TF                    23770050    + 04300                          A JS
          SUSAP KBVNK3FR15   R      010AMTAHK3EA0E  I    IF                                  + 04300     18000                A JS
          SUSAP KBVNK3FR15   R      020AYILOK3EA1E  F 051TF                    14770062    + 03400                          A JS
          SUSAP KBVNK3FR15   R      020AYILOK3EA2WALPV       ALNAV/VNAV ALNAV                                                JS
          SUSAP KBVNK3FR15   R      030RW15 K3PG0GY M 031TF                    14770048      01846           -300           A JS
          SUSAP KBVNK3FR15   R      040AMIVYK3EA0EYM  010DF                                 + 04300                          A JS
          SUSAP KBVNK3FR15   R      050AMIVYK3EA0EE HR020HM                    32780050    + 04300                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBVNK3GRW15    0037001477 N41435927W098033153-0800    +052610180600004006OR

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBVNK3PR15   RW15 001 0000W15A0N4143592650W09803315320+052610300N4142393200W0980238890010675162400040OF4005003E6220FF
          SUSAP KBVNK3PR15   RW15 002E      +05505+05505LPV       78009          000
```

CITY AND STATE	ELEVATION: 1806 TDZE: 1806	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: **ALBION MUNI**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **10/30/2000**

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CITY AND STATE	ELEVATION: 1806 TDZE: 1806	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: ALBION MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 10/30/2000

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AMTAH	AMTAH	010		HF	R	FB		147.7(154T)	005.0	04300
	SOQZU	SOQZU	010	IAF	IF		FB				
	SOQZU	AMTAH	020		TF		FB	1.0	057.6(064T)	005.0	04300
	VEJAL	VEJAL	010	IAF	IF		FB				
	VEJAL	AMTAH	020		TF		FB	1.0	237.7(244T)	005.0	04300
		AMTAH	010	FACF	IF		FB				04300
		AYILO	020	FAF	TF		FB	0.5	147.7(154T)	006.2	03400
		RW15	030	MAP	TF		FO	0.3	147.7(154T)	004.8	01846

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AMIVY	040		DF		FO	1.0			04300
	AMIVY	050		HM	R	FO	2.0	327.8(334T)	005.0	04300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMIVY	N413334.14	W0975640.96	N4133.569	W09756.683
	AMTAH	N415351.24	W0981002.55	N4153.854	W09810.043
	AYILO	N414818.43	W0980622.44	N4148.307	W09806.374
	SOQZU	N415137.96	W0981602.39	N4151.633	W09816.040
	VEJAL	N415604.20	W0980402.30	N4156.070	W09804.038
	RW15	N414359.27	W0980331.53	N4143.988	W09803.526

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01806	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALBION, NE	**ELEVATION: 1806 TDZE: 1806** AIRPORT NAME: **ALBION MUNI**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **10/30/2000**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SAFIL (IAF)	AMIVY (NOPT) (FB)	237.88 / 5.00	4300
VAZRO (IAF)	AMIVY (NOPT) (FB)	057.74 / 5.00	4300
AMIVY (IF/IAF)	JAYZU (FB)	327.81 / 6.10	3400

MISSED APPROACH

LNAV: RW33

CLIMB TO 4300 DIRECT AMTAH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 147.67 INBOUND.
CHART FAS OBST: 2200 TOWER 414038N/0980052W
JAYZU TO RW33: 3.04/40.
CHART APT ELEV: 1806
CHART TDZE: 1803

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE AMIVY, RT, 327.81 INBOUND, 4300 FT. IN LIEU OF PT (IAF)
3. FAC: 327.77 FAF: JAYZU DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: AMIVY 4300, JAYZU 3400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	2500	1	697	2500	1	697		NA			NA				
CIRCLING	2500	1	694	2500	1	694		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE NORFOLK ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, AND INCREASE LNAV CAT B AND CIRCLING CAT B VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1806 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: ALBION MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 SEP 25 2008	AMDT: ORIG-A
				DATED 10/30/2000

CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	238/30 CW 306/30 (NOPT)	238/10 CW 306/10	4800
2.	238/10 CW 306/10	AMIVY (IF/IAF) (FB)	4300
3.	306/30 CW 058/30 (NOPT)	AMIVY (IF/IAF) (FB)	4300
4.	058/30 CW 148/30	VAZRO (IAF) (FB)	4300
5.	148/30 CW 238/30	SAFIL (IAF) (FB)	4300

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	ELEVATION: 1806 TDZE: 1803 AIRPORT NAME: ALBION MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 SEP 25 2008	AMDT: ORIG-A DATED: 10/30/2008

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMIVY K30    W     N41333414W097564096                    E0043     NAR           AMIVY
        SUSAEAENRT   AMTAH K30    W     N41535124W098100255                    E0050     NAR           AMTAH
        SUSAEAENRT   JAYZU K30    W     N41390268W098001643                    E0050     NAR           JAYZU
        SUSAEAENRT   SAFIL K30    W     N41354641W097504228                    E0043     NAR           SAFIL
        SUSAEAENRT   VAZRO K30    W     N41312143W098023958                    E0050     NAR           VAZRO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBVNK3ABVN     0     037YHN41434288W098032074E006001806         1800018000C    MNAR    ALBION MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBVNK3FR33   AAMIVY 010AMIVYK3EA0EE CR   HF                    32780050    + 04300     18000                B JS
        SUSAP KBVNK3FR33   ASAFIL 010SAFILK3EA0E  A    IF                                        18000                B JS
        SUSAP KBVNK3FR33   ASAFIL 020AMIVYK3EA0EE   010TF                    23790050    + 04300                          B JS
        SUSAP KBVNK3FR33   AVAZRO 010VAZROK3EA0E  A    IF                                        18000                B JS
        SUSAP KBVNK3FR33   AVAZRO 020AMIVYK3EA0EE   010TF                    05770050    + 04300                          B JS
        SUSAP KBVNK3FR33   R      010AMIVYK3EA0E  I    IF                                  + 04300     18000                B JS
        SUSAP KBVNK3FR33   R      020JAYZUK3EA1E  F 051TF                    32780061    + 03400                          B JS
        SUSAP KBVNK3FR33   R      020JAYZUK3EA2WN          N          ALNAV                                                 JS
        SUSAP KBVNK3FR33   R      030RW33 K3PG0GY M 031TF                    32780049      01818            -304          B JS
        SUSAP KBVNK3FR33   R      040AMTAHK3EA0EYM  010DF                                 + 04300                          B JS
        SUSAP KBVNK3FR33   R      050AMTAHK3EA0EE HR020HM                    14770050    + 04300                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBVNK3GRW33    0037003277 N41432649W098030994+0800    +0517601778000040060R
```

CITY AND STATE	ELEVATION: 1806 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALBION, NE	AIRPORT NAME: **ALBION MUNI**	**RNAV**	**RNAV (GPS) RWY 33, AMDT 1** SEP 25 2008	AMDT: **ORIG-A**
				DATED: **10/30/2000**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AMIVY	AMIVY	010		HF	R	FB		327.8(334T)	005.0	04300
	SAFIL	SAFIL	010	IAF	IF		FB				
	SAFIL	AMIVY	020		TF		FB	1.0	237.9(244T)	005.0	04300
	VAZRO	VAZRO	010	IAF	IF		FB				
	VAZRO	AMIVY	020		TF		FB	1.0	057.7(064T)	005.0	04300
		AMIVY	010	FACF	IF		FB				04300
		JAYZU	020	FAF	TF		FB	0.5	327.8(334T)	006.1	03400
		RW33	030	MAP	TF		FO	0.3	327.8(334T)	004.9	01818

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AMTAH	040		DF		FO	1.0			04300
	AMTAH	050		HM	R	FO	2.0	147.7(154T)	005.0	04300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMIVY	N413334.14	W0975640.96	N4133.569	W09756.683
	AMTAH	N415351.24	W0981002.55	N4153.854	W09810.043
	JAYZU	N413902.68	W0980016.43	N4139.045	W09800.274
	SAFIL	N413546.41	W0975042.28	N4135.774	W09750.705
	VAZRO	N413121.43	W0980239.58	N4131.357	W09802.660
	RW33	N414326.49	W0980309.94	N4143.442	W09803.166

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	01778	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ALBION, NE	**ELEVATION: 1806 TDZE: 1803** AIRPORT NAME: **ALBION MUNI**	**RNAV**	**RNAV (GPS) RWY 33, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG-A** DATED: **10/30/2000**

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 370' FROM DER, 72' LEFT OF CENTERLINE UP TO 98' AGL/1868' MSL. FENCE AND TREES BEGINNING 4' FROM DER, 114' RIGHT OF CENTERLINE, UP TO 61' AGL/1831' MSL.
NOTE: RWY 33, TREES, VEHICLES, TERRAIN, AND EQUIPMENT BEGINNING 93' FROM DER, 24' RIGHT OF CENTERLINE, UP TO 52' AGL/1871' MSL. TREES, BUILDINGS, AND EQUIPMENT 175' FROM DER, 12' LEFT OF CENTERLINE, UP TO 57' AGL/1863' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
ALBION, NE	ALBION MUNI	SEP 25 2008	1

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE SEP 25 2008

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
AURORA, NE	**ELEVATION: 1804 TDZE: 1801** AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**GPS**	**GPS RWY 34, ORIG, 06/18/1998**	SUP AMDT **NONE** DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRI VORTAC	JIVEV (FB)	052.07 / 8.77	3400
GRASI	WUNAS (FB)	336.91 / 4.81	3400
ITBEW	WUNAS (FB)	272.92 / 18.54	3400
JIVEV (IAF)	CEGIT (NOPT) (FB)	072.67 / 5.00	3400
WUNAS (IAF)	CEGIT (NOPT) (FB)	252.81 / 5.00	3400
CEGIT (IF/IAF)	FOBDO (FB)	162.74 / 6.04	3400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 3400 DIRECT EBWIX AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 342.80 INBOUND.
CHART FAS OBST: 1863 WOOD PP3 405406N/0975953W
DISTANCE TO THLD FROM 299 HAT: 0.81 NM.
CHART VDP AT 0.99 MILES TO RW16* *LNAV ONLY.
WAAS CHANNEL # 77809
REFERENCE PATH ID: W16A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N CEGIT, RT, 162.74 INBOUND, 3400 FT. IN LIEU OF PT (IAF)**
3. FAC: **162.76** FAF: **FOBDO** DIST FAF TO MAP: **4.82** THLD: **4.82**
4. MIN. ALT: **CEGIT 3400, FOBDO 3400, CAKAY/2.00 NM TO RW16 2480***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3400** GS ALT AT: **FOBDO** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW16 4100**

MAG VAR: **6E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2102	1	299	2102	1	299		NA			NA				
LNAV/VNAV DA	2133	1 1/4	330	2133	1 1/4	330		NA			NA				
LNAV MDA	2160	1	357	2160	1	357		NA			NA				
CIRCLING	2300	1	497	2340	1	537		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GRAND ISLAND ALTIMETER SETTING.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	**ELEVATION: 1803 TDZE: 1803** AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED **10/03/2002**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND ISLAND ALTIMETER SETTING AND INCREASE ALL DA 41 FT AND ALL MDA 60 FT AND LPV ALL CATS VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GRI VORTAC AIRWAY RADIALS 077 CW 108.
CHART NOTE: VDP NA WHEN USING GRAND ISLAND ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 1803 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **10/03/2002**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUH
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	405359.7145N
LTP/FTP LONGITUDE	0975945.8100W
LTP/FTP ELLIPSOIDAL HEIGHT	+05240
FPAP LATITUDE	405232.2600N
FPAP LONGITUDE	0975922.9400W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	1B552FCD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05496
FPAP ORTHOMETRIC HEIGHT	+05496

CITY AND STATE	ELEVATION: 1803 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: AURORA MUNICIPAL - AL POTTER FIELD	RNAV	RNAV (GPS) RWY 16, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 10/03/2002

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GRI   K3011200VTLW N40590250W098185320    N40590254W098185580E007001840      NARGRAND ISLAND

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAKAY K30    W     N40555748W098001664                    E0050     NAR          CAKAY
        SUSAEAENRT   CEGIT K30    W     N41043941W098023367                    E0050     NAR          CEGIT
        SUSAEAENRT   EBWIX K30    W     N40423712W097564769                    E0043     NAR          EBWIX
        SUSAEAENRT   FOBDO K30    W     N40584377W098010023                    E0050     NAR          FOBDO
        SUSAEAENRT   GRASI K30    R   L N41010191W097541241                    E0043     NAR          GRASI
        SUSAEAENRT   ITBEW K30    R   L N41024783W097315069                    E0043     NAR          ITBEW
        SUSAEAENRT   JIVEV K30    W     N41034062W098090262                    E0050     NAR          JIVEV
        SUSAEAENRT   WUNAS K30    W     N41053784W097560452                    E0043     NAR          WUNAS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3AAUH     0     043YHN40533890W097594040E006001803         1800018000C    MNAR    AURORA MUNICIPAL - AL POTTER F

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3FR16   ACEGIT 010CEGITK3EA0EE CR   HF                    16270040    + 03400     18000                A JS
        SUSAP KAUHK3FR16   AGRASI 010GRASIK3EA0E       IF                                          18000                A JS
        SUSAP KAUHK3FR16   AGRASI 020WUNASK3EA0E  A 020TF                    33690048    + 03400                          A JS
        SUSAP KAUHK3FR16   AGRASI 030CEGITK3EA0EE   010TF                    25280050    + 03400                          A JS
        SUSAP KAUHK3FR16   AGRI   010GRI  K3D 0V       IF                                          18000                A JS
        SUSAP KAUHK3FR16   AGRI   020JIVEVK3EA0E  A 020TF                    05210088    + 03400                          A JS
        SUSAP KAUHK3FR16   AGRI   030CEGITK3EA0EE   010TF                    07270050    + 03400                          A JS
        SUSAP KAUHK3FR16   AITBEW 010ITBEWK3EA0E       IF                                          18000                A JS
        SUSAP KAUHK3FR16   AITBEW 020WUNASK3EA0E  A 020TF                    27290185    + 03400                          A JS
        SUSAP KAUHK3FR16   AITBEW 030CEGITK3EA0EE   010TF                    25280050    + 03400                          A JS
        SUSAP KAUHK3FR16   R      010CEGITK3EA0E  I    IF                                 + 03400     18000                A JS
        SUSAP KAUHK3FR16   R      020FOBDOK3EA1E  F 051TF                    16270060    + 03400                RW16  K3PGA JS
        SUSAP KAUHK3FR16   R      020FOBDOK3EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KAUHK3FR16   R      021CAKAYK3EA0E S  031TF                    16280028    V 0248002484        -300          A JS
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CITY AND STATE	ELEVATION: 1803 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **10/03/2002**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KAUHK3FR16   R      030RW16 K3PG0GY M 031TF                  16280020      01843              -300          A JS
        SUSAP KAUHK3FR16   R      040EBWIXK3EA0EYM  010DF                                + 03400                          A JS
        SUSAP KAUHK3FR16   R      050EBWIXK3EA0EE HR020HM                  34280040     + 03400                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3GRW16    0043011628 N40535971W097594581-0100    +0524001803000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3PR16   RW16 001 0000W16A0N4053597145W0975945810O+052400300N4052322600W097592294001067514400004O0F4005001B552FCD
        SUSAP KAUHK3PR16   RW16 002E      +05496+05496LPV       77809          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3SRW16 K3PG               0   18018004125                                                                M
```

CITY AND STATE	ELEVATION: 1803 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **10/03/2002**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEGIT	CEGIT	010		HF	R	FB		162.7(169T)	004.0	03400
	GRASI	GRASI	010		IF		FB				
	GRASI	WUNAS	020	IAF	TF		FB	2.0	336.9(343T)	004.8	03400
	GRASI	CEGIT	030		TF		FB	1.0	252.8(259T)	005.0	03400
	GRI	GRI	010		IF		FB				
	GRI	JIVEV	020	IAF	TF		FB	2.0	052.1(058T)	008.8	03400
	GRI	CEGIT	030		TF		FB	1.0	072.7(079T)	005.0	03400
	ITBEW	ITBEW	010		IF		FB				
	ITBEW	WUNAS	020	IAF	TF		FB	2.0	272.9(279T)	018.5	03400
	ITBEW	CEGIT	030		TF		FB	1.0	252.8(259T)	005.0	03400
		CEGIT	010	FACF	IF		FB				03400
		FOBDO	020	FAF	TF		FB	0.5	162.7(169T)	006.0	03400
		CAKAY	021	SDF	TF		FB	0.3	162.8(169T)	002.8	02480
		RW16	030	MAP	TF		FO	0.3	162.8(169T)	002.0	01843

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EBWIX	040		DF		FO	1.0			03400
	EBWIX	050		HM	R	FO	2.0	342.8(349T)	004.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GRI	N405902.50	W0981853.20	N4059.042	W09818.887
	CAKAY	N405557.48	W0980016.64	N4055.958	W09800.277
	CEGIT	N410439.41	W0980233.67	N4104.657	W09802.561
	EBWIX	N404237.12	W0975647.69	N4042.619	W09756.795
	FOBDO	N405843.77	W0980100.23	N4058.730	W09801.004
	GRASI	N410101.91	W0975412.41	N4101.032	W09754.207
	ITBEW	N410247.83	W0973150.69	N4102.797	W09731.845
	JIVEV	N410340.62	W0980902.62	N4103.677	W09809.044
	WUNAS	N410537.84	W0975604.52	N4105.631	W09756.075
	RW16	N405359.71	W0975945.81	N4053.995	W09759.764

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	01803	40

CITY AND STATE	ELEVATION: 1803 TDZE: 1803	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **10/03/2002**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRASI	IVEHO (FB)	164.12 / 18.08	3400
IVEHO (IAF)	EBWIX (FB)	257.43 / 5.10	3400
ROMAD (IAF)	EBWIX (FB)	066.67 / 13.09	3400
EBWIX (IF)	AVUYU (FB)	342.80 / 6.04	3400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 3400 DIRECT CEGIT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 162.74 INBOUND.
CHART FAS OBST: 1859 TREE 405311N/0975941W
FAS OBST: 2009 AAO 404922N/0975853W
DISTANCE TO THLD FROM 250 HAT: 0.67 NM.
CHART VDP AT 1.33 MILES TO RW34* *LNAV ONLY.
WAAS CHANNEL # 87009
REFERENCE PATH ID: W34A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EBWIX
3. FAC: 342.78 FAF: AVUYU DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: EBWIX 3400, AVUYU 3400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: AVUYU OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW34 4100

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2051	1	250	2051	1	250		NA			NA				
LNAV/VNAV DA	2129	1 1/4	328	2129	1 1/4	328		NA			NA				
LNAV MDA	2260	1	459	2260	1	459		NA			NA				
CIRCLING	2300	1	497	2340	1	537		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GRAND ISLAND ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRASI VIA V220 NORTHEAST BOUND.
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1803 TDZE: 1801	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: AURORA MUNICIPAL - AL POTTER FIELD	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND ISLAND ALTIMETER SETTING AND INCREASE ALL DA 41 FT AND ALL MDA 60 FT.
CHART NOTE: VDP NA WHEN USING GRAND ISLAND ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	**ELEVATION: 1803 TDZE: 1801** AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 34, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAUH
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	405318.0360N
LTP/FTP LONGITUDE	0975934.9085W
LTP/FTP ELLIPSOIDAL HEIGHT	+05221
FPAP LATITUDE	405445.4900N
FPAP LONGITUDE	0975957.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A1151571

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05477
FPAP ORTHOMETRIC HEIGHT	+05477

CITY AND STATE	ELEVATION: 1803 TDZE: 1801	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: AURORA MUNICIPAL - AL POTTER FIELD	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AVUYU K30    W     N40483283W097582038                      E0043     NAR           AVUYU
        SUSAEAENRT   CEGIT K30    W     N41043941W098023367                      E0050     NAR           CEGIT
        SUSAEAENRT   EBWIX K30    W     N40423712W097564769                      E0043     NAR           EBWIX
        SUSAEAENRT   GRASI K30    R   L N41010191W097541241                      E0043     NAR           GRASI
        SUSAEAENRT   IVEHO K30    C     N40431236W097500768                      E0043     NAR           IVEHO
        SUSAEAENRT   ROMAD K30    R   L N40384424W098131348                      E0050     NAR           ROMAD

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3AAUH     0     043YHN40533890W097594040E006001803         1800018000C    MNAR    AURORA MUNICIPAL - AL POTTER F

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3FR34   AGRASI 010GRASIK3EA0E       IF                                          18000                A JS
        SUSAP KAUHK3FR34   AGRASI 020IVEHOK3EA0E  A 020TF                    16410181    + 03400                      A JS
        SUSAP KAUHK3FR34   AGRASI 030EBWIXK3EA0EE   010TF                    25740051    + 03400                      A JS
        SUSAP KAUHK3FR34   AROMAD 010ROMADK3EA0E  A    IF                                          18000                A JS
        SUSAP KAUHK3FR34   AROMAD 020EBWIXK3EA0EE   010TF                    06670131    + 03400                      A JS
        SUSAP KAUHK3FR34   R      010EBWIXK3EA0E  I    IF                                 + 03400  18000                A JS
        SUSAP KAUHK3FR34   R      020AVUYUK3EA1E  F 051TF                    34280060    + 03400            RW34  K3PGA JS
        SUSAP KAUHK3FR34   R      020AVUYUK3EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KAUHK3FR34   R      030RW34 K3PG0GY M 031TF                    34280048      01837          -300         A JS
        SUSAP KAUHK3FR34   R      040CEGITK3EA0EYM  010DF                               + 03400                      A JS
        SUSAP KAUHK3FR34   R      050CEGITK3EA0EE HR020HM                    16270040    + 03400                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3GRW34    0043013428 N40531804W097593491+0100    +0522101797000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3PR34   RW34 001 0000W34A0N4053180360W09759349085+052210300N4054454900W097595780001067514400004O0F400500A1151571
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CITY AND STATE	ELEVATION: 1803 TDZE: 1801	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AURORA, NE	AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 34, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KAUHK3PR34   RW34 002E      +05477+05477LPV       87009          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAUHK3SRW34 K3PG               0   18018004125                                                                  M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
AURORA, NE	ELEVATION: 1803 TDZE: 1801 AIRPORT NAME: AURORA MUNICIPAL - AL POTTER FIELD	RNAV	RNAV (GPS) RWY 34, ORIG SEP 25 2008	SUP: AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GRASI	GRASI	010		IF		FB				
	GRASI	IVEHO	020	IAF	TF		FB	2.0	164.1(170T)	018.1	03400
	GRASI	EBWIX	030		TF		FB	1.0	257.4(263T)	005.1	03400
	ROMAD	ROMAD	010	IAF	IF		FB				
	ROMAD	EBWIX	020		TF		FB	1.0	066.7(073T)	013.1	03400
		EBWIX	010	FACF	IF		FB				03400
		AVUYU	020	FAF	TF		FB	0.5	342.8(349T)	006.0	03400
		RW34	030	MAP	TF		FO	0.3	342.8(349T)	004.8	01837

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEGIT	040		DF		FO	1.0			03400
	CEGIT	050		HM	R	FO	2.0	162.7(169T)	004.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVUYU	N404832.83	W0975820.38	N4048.547	W09758.340
	CEGIT	N410439.41	W0980233.67	N4104.657	W09802.561
	EBWIX	N404237.12	W0975647.69	N4042.619	W09756.795
	GRASI	N410101.91	W0975412.41	N4101.032	W09754.207
	IVEHO	N404312.36	W0975007.68	N4043.206	W09750.128
	ROMAD	N403844.24	W0981313.48	N4038.737	W09813.225
	RW34	N405318.04	W0975934.91	N4053.301	W09759.582

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	01797	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
AURORA, NE	**ELEVATION: 1803 TDZE: 1801** AIRPORT NAME: **AURORA MUNICIPAL - AL POTTER FIELD**	**RNAV**	**RNAV (GPS) RWY 34, ORIG** SEP 25 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 16, 34 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, TREES BEGINNING 74' FROM DER, 436' LEFT OF CENTERLINE, UP TO 70' AGL/1876' MSL. VEHICLES ON ROADWAY BEGINNING 396' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15' AGL/1814' MSL. TREE 614' FROM DER, 577' RIGHT OF CENTERLINE, 50' AGL/1859' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
AURORA, NE	AURORA MUNICIPAL - AL POTTER FIELD	SEP 25 2008	ORIG

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet. MSL.. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

(3) TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 34, FENCE 9' FROM DER, 470' LEFT OF CENTERLINE, 4' AGL/1806' MSL. VEHICLES ON ROADWAY BEGINNING 93' FROM DER, 511' LEFT OF CENTERLINE, UP TO 15' AGL/1824' MSL. TREE 135' FROM DER, 417' RIGHT OF CENTERLINE, 12' AGL/1812' MSL. WOOD POWER POLES BEGINNING 320' FROM DER, 289' LEFT OF CENTERLINE, UP TO 61' AGL/1863' MSL. VEHICLES ON ROADWAY BEGINNING 480' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15' AGL/1824' MSL. TREES BEGINNING 722' FROM DER, 376' LEFT OF CENTERLINE, UP TO 46' AGL/1847' MSL. CHIMNEY 770' FROM DER, 500' LEFT OF CENTERLINE, 24' AGL/1827' MSL. ANTENNAS BEGINNING 802' FROM DER, 479' LEFT OF CENTERLINE, UP TO 35' AGL/1835' MSL.

City, State	Airport	Effective Date	Amct. No.
AURORA, NE	AURORA MUNICIPAL - AL POTTER FIELD	SEP 25 2008	ORIG

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	CAGUB (FB)	342.02 / 29.26	7500
CAGUB (IAF)	EKIVE (FB)	039.53 / 5.07	6100
EKIVE (IF)	FIPUR (FB)	039.60 / 6.02	5200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 5600 DIRECT MARZH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 219.86 INBOUND.
CHART FAS OBST: 3624 TREE 424759N/1021047W
CHART FAS OBST: 3794 TREE 424653N/1021424W
DISTANCE TO THLD FROM 391 HAT: 1.04 NM.
WAAS CHANNEL # 65909
REFERENCE PATH ID: W04A
CHART PINE RIDGE, SD ASOS 126.775

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EKIVE
3. FAC: 039.66 FAF: FIPUR DIST FAF TO MAP: 4.91 THLD: 4.91
4. MIN. ALT: EKIVE 6100, FIPUR 5200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5200 GS ALT AT: FIPUR OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.02 TCH: 60.0 34:1 IS NOT CLEAR
8. MSA FROM: RW04 5600

MAG VAR: 9E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3936	1 1/4	391	3936	1 1/4	391		NA			NA				
LNAV/VNAV DA	3972	1 1/2	427	3972	1 1/2	427		NA			NA				
LNAV MDA	4140	1	595	4140	1	595		NA			NA				
CIRCLING	4140	1	578	4140	1	578		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE PINE RIDGE, SD ALTIMETER SETTING WHEN NOT RECEIVED, USE CHADRON ALTIMETER SETTING SEE 8260-10

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3545 GORDON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED 01/23/2003

FAA FORM 8260 - 3 / December 2002 (computer generated)

5

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
AND INCREASE DA 53 FEET, AND ALL MDA 60 FEET. INCREASE ALL LPV AND LNAV/VNAV VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV NA.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **01/23/2003**

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	424807.1955N
LTP/FTP LONGITUDE	1021052.1960W
LTP/FTP ELLIPSOIDAL HEIGHT	+10616
FPAP LATITUDE	424905.9900N
FPAP LONGITUDE	1020921.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.02
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA4131FD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10801
FPAP ORTHOMETRIC HEIGHT	+10801

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ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAGUB K30    W     N42373250W102270942                      E0077     NAR           CAGUB
        SUSAEAENRT   EKIVE K30    W     N42405388W102220037                      E0077     NAR           EKIVE
        SUSAEAENRT   EVENN K30    C   L N42083805W102205813                      E0077     NAR           EVENN
        SUSAEAENRT   FIPUR K30    W     N42445254W102155288                      E0077     NAR           FIPUR
        SUSAEAENRT   MARZH K30    W     N42561017W101582242                      E0070     NAR           MARZH

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3AGRN     0     051YHN42482150W102103090E009003562         1800018000C    MNAR    GORDON MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3FR04   AEVENN 010EVENNK3EA0E       IF                                                 18000                A JS
        SUSAP KGRNK3FR04   AEVENN 020CAGUBK3EA0E  A 020TF                      34200293    + 07500                             A JS
        SUSAP KGRNK3FR04   AEVENN 030EKIVEK3EA0EE   010TF                      03950051    + 06100                             A JS
        SUSAP KGRNK3FR04   R       010EKIVEK3EA0E  I    IF                                + 06100     18000                   A JS
        SUSAP KGRNK3FR04   R       020FIPURK3EA1E  F 051TF                    03960060    + 05200                 RW04  K3PGA JS
        SUSAP KGRNK3FR04   R       020FIPURK3EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KGRNK3FR04   R       030RW04 K3PG0GY M 031TF                    03970049      03604            -302               A JS
        SUSAP KGRNK3FR04   R       040MARZHK3EA0EYM  010DF                             + 05600                               A JS
        SUSAP KGRNK3FR04   R       050MARZHK3EA0EE HR020HM                    21990050    + 05600                             A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3GRW04    0051960397 N42480720W102105220+0400    +10616035440000600 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3PR04   RW04 001 0000W04A0N4248071955W10210521960+106160302N4249059900W102092122001067511680006 00F400500CA4131FD
        SUSAP KGRNK3PR04   RW04 002E      +10801+10801LPV       65909          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 3562 TDZE: 3545	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **01/23/2003**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3SRW04 K3PG              0   18018005625                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	**ELEVATION: 3562 TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **01/23/2003**

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EVENN	EVENN	010		IF		FB				
	EVENN	CAGUB	020	IAF	TF		FB	2.0	342.0(351T)	029.3	07500
	EVENN	EKIVE	030		TF		FB	1.0	039.5(049T)	005.1	06100
		EKIVE	010	FACF	IF		FB				06100
		FIPUR	020	FAF	TF		FB	0.5	039.6(049T)	006.0	05200
		RW04	030	MAP	TF		FO	0.3	039.7(049T)	004.9	03604

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MARZH	040		DF		FO	1.0			05600
	MARZH	050		HM	R	FO	2.0	219.9(229T)	005.0	05600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAGUB	N423732.50	W1022709.42	N4237.542	W10227.157
	EKIVE	N424053.88	W1022200.37	N4240.898	W10222.006
	EVENN	N420838.05	W1022058.13	N4208.634	W10220.969
	FIPUR	N424452.54	W1021552.88	N4244.876	W10215.881
	MARZH	N425610.17	W1015822.42	N4256.170	W10158.374
	RW04	N424807.20	W1021052.20	N4248.120	W10210.870

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	03544	60

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	**ELEVATION: 3562 TDZE: 3545** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **01/23/2003**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVENN	RALFF (FB)	015.44 / 48.12	6000
OQTUM (IAF)	MARZH (NOPT) (FB)	129.74 / 5.00	5600
RALFF (IAF)	MARZH (NOPT) (FB)	309.84 / 5.00	5600
MARZH (IF/IAF)	DANVE (FB)	219.86 / 6.11	5300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 6100 DIRECT EKIVE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 039.66 INBOUND.
CHART FAS OBST: 3574 TREE 424844N/1020951W
CHART FAS OBST: 3799 TREE 425044N/1020525W
DISTANCE TO THLD FROM 328 HAT: 0.90 NM.
WAAS CHANNEL # 86609
REFERENCE PATH ID: W22A
CHART PINE, SD RIDGE ASOS 126.775

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE MARZH, RT, 219.86 INBOUND, 5600 FT. IN LIEU OF PT (IAF)
3. FAC: 219.79 FAF: DANVE DIST FAF TO MAP: 5.25 THLD: 5.25
4. MIN. ALT: MARZH 5600, DANVE 5300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5300 GS ALT AT: DANVE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 9E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [X]

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3890	1 1/4	328	3890	1 1/4	328		NA			NA				
LNAV/VNAV DA	3922	1 1/4	360	3922	1 1/4	360		NA			NA				
LNAV MDA	4140	1	578	4140	1	578		NA			NA				
CIRCLING	4140	1	578	4140	1	578		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE PINE RIDGE, SD ALTIMETER SETTING, WHEN NOT RECEIVED, USE CHADRON ALTIMETER SETTING AND INCREASE DA 53 FEET, ALL MDA 60 FEET AND INCREASE ALL LNAV/VNAV VISIBILITY 1/4 MILE.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED 11/01/2001

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TAA

	FROM	TO	ALT
1.	130/30 CW 310/30 (NOPT)	MARZH (IF/IAF) (FB)	5600
2.	310/30 CW 040/30	RALFF (IAF) (FB)	5600
3.	040/30 CW 130/30	OQTUM (IAF) (FB)	5600

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	**ELEVATION: 3562 TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **11/01/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGRN
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	424841.0495N
LTP/FTP LONGITUDE	1020959.8270W
LTP/FTP ELLIPSOIDAL HEIGHT	+10673
FPAP LATITUDE	424742.2500N
FPAP LONGITUDE	1021130.7900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5AA69216

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+10857
FPAP ORTHOMETRIC HEIGHT	+10857

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DANVE K30    W     N42520895W102043757                    E0077     NAR           DANVE
        SUSAEAENRT   EKIVE K30    W     N42405388W102220037                    E0077     NAR           EKIVE
        SUSAEAENRT   EVENN K30    C   L N42083805W102205813                    E0077     NAR           EVENN
        SUSAEAENRT   MARZH K30    W     N42561017W101582242                    E0070     NAR           MARZH
        SUSAEAENRT   OQTUM K30    W     N42595583W102025176                    E0077     NAR           OQTUM
        SUSAEAENRT   RALFF K30    W     N42522433W101535363                    E0070     NAR           RALFF

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3AGRN     0     051YHN42482150W102103090E009003562         1800018000C    MNAR    GORDON MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3FR22   AEVENN 010EVENNK3EA0E       IF                                                  18000               A JS
        SUSAP KGRNK3FR22   AEVENN 020RALFFK3EA0E  A 020TF                      01540481    + 06000                           A JS
        SUSAP KGRNK3FR22   AEVENN 030MARZHK3EA0EE   010TF                     30980050    + 05600                           A JS
        SUSAP KGRNK3FR22   AMARZH 010MARZHK3EA0EE CR   HF                     21990050    + 05600     18000                 A JS
        SUSAP KGRNK3FR22   AOQTUM 010OQTUMK3EA0E  A    IF                                          18000                 A JS
        SUSAP KGRNK3FR22   AOQTUM 020MARZHK3EA0EE   010TF                     12970050    + 05600                           A JS
        SUSAP KGRNK3FR22   R      010MARZHK3EA0E  I    IF                                 + 05600     18000                 A JS
        SUSAP KGRNK3FR22   R      020DANVEK3EA1E  F 051TF                     21990061    + 05300                           A JS
        SUSAP KGRNK3FR22   R      020DANVEK3EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
        SUSAP KGRNK3FR22   R      030RW22 K3PG0GY M 031TF                     21980053      03602           -300            A JS
        SUSAP KGRNK3FR22   R      040EKIVEK3EA0EYM  010DF                                 + 06100                           A JS
        SUSAP KGRNK3FR22   R      050EKIVEK3EA0EE HR020HM                     03970060    + 06100                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGRNK3GRW22    0051962197 N42484105W102095983-0400    +1067303562000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

CITY AND STATE	ELEVATION: 3562 TDZE: 3562	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **11/01/2007**

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KGRNK3PR22    RW22 001 0000W22A0N4248410495W10209598270+106730300N4247422500W10211307900106751168000400F4005005AA69216
SUSAP KGRNK3PR22    RW22 002E      +10857+10857LPV       86609          000
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GORDON, NE	ELEVATION: 3562 TDZE: 3562 AIRPORT NAME: GORDON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED: 11/01/2001

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EVENN	EVENN	010		IF		FB				
	EVENN	RALFF	020	IAF	TF		FB	2.0	015.4(024T)	048.1	06000
	EVENN	MARZH	030		TF		FB	1.0	309.8(319T)	005.0	05600
	MARZH	MARZH	010		HF	R	FB		219.9(229T)	005.0	05600
	OQTUM	OQTUM	010	IAF	IF		FB				
	OQTUM	MARZH	020		TF		FB	1.0	129.7(139T)	005.0	05600
		MARZH	010	FACF	IF		FB				05600
		DANVE	020	FAF	TF		FB	0.5	219.9(229T)	006.1	05300
		RW22	030	MAP	TF		FO	0.3	219.8(229T)	005.3	03602

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EKIVE	040		DF		FO	1.0			06100
	EKIVE	050		HM	R	FO	2.0	039.7(049T)	006.0	06100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DANVE	N425208.95	W1020437.57	N4252.149	W10204.626
	EKIVE	N424053.88	W1022200.37	N4240.898	W10222.006
	EVENN	N420838.05	W1022058.13	N4208.634	W10220.969
	MARZH	N425610.17	W1015822.42	N4256.170	W10158.374
	OQTUM	N425955.83	W1020251.76	N4259.931	W10202.863
	RALFF	N425224.33	W1015353.63	N4252.406	W10153.894
	RW22	N424841.05	W1020959.83	N4248.684	W10209.997

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	03562	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GORDON, NE	**ELEVATION: 3562 TDZE: 3562** AIRPORT NAME: **GORDON MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **11/01/2001**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OVR VORTAC	PP LOM	325.23 / 15.76	3000
TASKY/12.99 DME (IF/IAF)	CEPUT/6.95 DME	175.21 / 6.03	2800

MISSED APPROACH

ILS: DA
LOC: I-PPY 1.49 DME FIX

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3000 DIRECT OVR VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1800 THEN CLIMBING LEFT TURN 3000 DIRECT PP LOM AND HOLD N, LT, 175.21 INBOUND. ADF REQUIRED.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 284.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD N PP LOM, LT, 175.21 INBOUND.
CHART FAS OBST: 1064 TREE 411918N/0955327W
CHART VDP AT 2.39 DME;
DISTANCE VDP TO THLD 0.90 MILES.

1. PT R SIDE OF COURSE 355.21 OUTBOUND 3000 FT WITHIN 10 MILES OF PP LOM (IAF)
2.
3. FAC: 175.21 FAF: CEPUT/6.95 DME DIST FAF TO MAP: - THLD: 5.47
4. MIN. ALT: TASKY 3000, CEPUT 2800, PINNO/3.00 DME 1500*
5. DIST TO THLD FROM OM: 5.47 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 995
6. MIN GS INCPT: 2800 GS ALT AT: CEPUT/6.95 DME 2800 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 51.0
8. MSA FROM: PP LOM 3800

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18	1181	2400	200	1181	2400	200	1181	2400	200	1181	2400	200			
S-LOC 18	1320	2400	339	1320	2400	339	1320	2400	339	1320	4000	339			
CIRCLING	1660	1	676	1680	1	696	1720	2	736	1720	2 1/4	736			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 18 CAT D VISIBILITY TO RVR 5000.
CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED.
*LOC ONLY

CAT A, B 700-2, CAT C 800-2, CAT D 800-2 1/4
@ CAT D 800-2 1/4

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 18
OMAHA, NE	ELEVATION: 984 TDZE: 981 AIRPORT NAME: EPPLEY AIRFIELD	I-PPY	ILS OR LOC/DME RWY 18, AMDT 8 SEP 25 2008	AMDT: 7A DATED 09/28/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 18
OMAHA, NE	**ELEVATION: 984 TDZE: 981** AIRPORT NAME: **EPPLEY AIRFIELD**	**I-PPY**	**ILS OR LOC/DME RWY 18, AMDT 8** SEP 25 2008	AMDT: **7A** DATED: **09/28/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OVR VORTAC	TASKY (FO)	335.75 / 21.44	3000
KENAR	TASKY (FO)	076.91 / 19.84	3000
GLENE	TASKY (FO)	275.48 / 17.82	3600
CANIO (IAF)	TASKY (NOPT) (FB)	152.20 / 9.24	3000
TASKY (IF/IAF)	CEPUT (FB)	175.21 / 6.03	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT CIVIV AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.21 INBOUND.
CHART FAS OBST: 1319 TREE 412031N/0955245W
1459 AAO 412404N/0955220W.
DISTANCE TO THLD FROM 280 HAT: 0.72 NM.
CHART VDP AT 1.72 MILES TO RW18* *LNAV ONLY.
WAAS CHANNEL # 65617
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N TASKY, RT, 175.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 175.21 FAF: CEPUT DIST FAF TO MAP: 5.47 THLD: 5.47
4. MIN. ALT: TASKY 3000, CEPUT 2800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: CEPUT OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS CLEAR
8. MSA FROM: RW18 3900

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1261	2400	280	1261	2400	280	1261	2400	280	1261	2400	280			
LNAV/VNAV DA	1681	2	700	1681	2	700	1681	2	700	1681	2 1/4	700			
LNAV MDA	1580	2400	599	1580	2400	599	1580	5000	599	1580	6000	599			
CIRCLING	1660	1	676	1680	1	696	1720	2	736	1720	2 1/4	736			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
@ CAT D 800-2 1/4
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS.
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 984 TDZE: 981	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2 SEP 25 2008	AMDT: 1
				DATED 09/01/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OVR VORTAC VIA V172 EASTBOUND AND V307 SOUTHEAST-BOUND.
CHART PLANVIEW AND PROFILE NOTES: LNAV/VNAV FLY VISUAL TO AIRPORT 175 - 2.0 MILES.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OMAHA, NE	**ELEVATION: 984 TDZE: 981** AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 2** SEP 25 2008	SUP: AMDT: **1** DATED: **09/01/2005**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOMA
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	411846.6800N
LTP/FTP LONGITUDE	0955340.2400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02713
FPAP LATITUDE	411727.4100N
FPAP LONGITUDE	0955340.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BD41A851

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02991
FPAP ORTHOMETRIC HEIGHT	+02991

CITY AND STATE	ELEVATION: 984 TDZE: 981	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2 SEP 25 2008	AMDT: 1
				DATED: 09/01/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-17

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OVR   K3011630VTHA N41100219W095441223    N41100219W095441223E008001300      NAROMAHA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CANIO K30    W  RL N41384853W095582288                    E0029     NAR          CANIO
        SUSAEAENRT   CEPUT K30    W  RL N41241494W095533864                    E0029     NAR          CEPUT
        SUSAEAENRT   CIVIV K30    W  RL N41052711W095534411                    E0029     NAR          CIVIV
        SUSAEAENRT   GLENE K30    C  RL N41270484W095301794                    E0029     NAR          GLENE
        SUSAEAENRT   KENAR K30    C  RL N41273226W096194580                    E0036     NAR          KENAR
        SUSAEAENRT   TASKY K30    W  RL N41301704W095533687                    E0029     NAR          TASKY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3AOMA     0     095YHN41181140W095533865E005000984         1800018000C    MNAR    EPPLEY AIRFIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOMAK3FR18   ACANIO 010CANIOK3EA0E  A    IF                                                18000                A JS
        SUSAP KOMAK3FR18   ACANIO 020TASKYK3EA0EE   010TF                  15220092    + 03000                                A JS
        SUSAP KOMAK3FR18   AGLENE 010GLENEK3EA0EY  L   IF                                                18000                A JS
        SUSAP KOMAK3FR18   AGLENE 020TASKYK3EA0E  AL020TFY                  27550178    + 03600                                A JS
        SUSAP KOMAK3FR18   AGLENE 030TASKYK3EA0EE CR   HF                   17520040    + 03000                                A JS
        SUSAP KOMAK3FR18   AKENAR 010KENARK3EA0EY  R   IF                                                18000                A JS
        SUSAP KOMAK3FR18   AKENAR 020TASKYK3EA0E  AR020TFY                  07690198    + 03000                                A JS
        SUSAP KOMAK3FR18   AKENAR 030TASKYK3EA0EE CR   HF                   17520040    + 03000                                A JS
        SUSAP KOMAK3FR18   AOVR   010OVR  K3D 0VY  L   IF                                                18000                A JS
        SUSAP KOMAK3FR18   AOVR   020TASKYK3EA0E  AL020TFY                  33580214    + 03000                                A JS
        SUSAP KOMAK3FR18   AOVR   030TASKYK3EA0EE CR   HF                   17520040    + 03000                                A JS
        SUSAP KOMAK3FR18   R      010TASKYK3EA0E  I    IF                                + 03000    18000                       A JS
        SUSAP KOMAK3FR18   R      020CEPUTK3EA0E  F 051TF                   17520060    + 02800                RW18  K3PGA JS
        SUSAP KOMAK3FR18   R      030RW18 K3PG0GY M 031TF                   17520055      01032              -300          A JS
        SUSAP KOMAK3FR18   R      040CIVIVK3EA0EYM  010DF                                + 03000                          A JS
        SUSAP KOMAK3FR18   R      050CIVIVK3EA0EE HR020HM                   35520050    + 03000                          A JS
```

CITY AND STATE	ELEVATION: 984 TDZE: 981	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OMAHA, NE	AIRPORT NAME: EPPLEY AIRFIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2 SEP 25 2008	AMDT: 1
				DATED: 09/01/2005

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOMAK3GRW18    0080131752 N41184668W095534024+0000          00981014051150

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOMAK3PR18    RW18 001 0000W18A0N4118466800W09553402400+027130300N4117274100W095534063001067500000000510F400500BD41A851
       SUSAP KOMAK3PR18    RW18 002       +02991+02991LPV       65617          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOMAK3SRW18 K3PG               0 25180039                    M
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CANIO	CANIO	010	IAF	IF		FB				
	CANIO	TASKY	020		TF		FB	1.0	152.2(157T)	009.2	03000
	GLENE	GLENE	010		IF	L	FO				
	GLENE	TASKY	020	IAF	TF	L	FB	2.0	275.5(281T)	017.8	03600
	GLENE	TASKY	030		HF	R	FB		175.2(180T)	004.0	03000
	KENAR	KENAR	010		IF	R	FO				
	KENAR	TASKY	020	IAF	TF	R	FB	2.0	076.9(082T)	019.8	03000
	KENAR	TASKY	030		HF	R	FB		175.2(180T)	004.0	03000
	OVR	OVR	010		IF	L	FO				
	OVR	TASKY	020	IAF	TF	L	FB	2.0	335.8(341T)	021.4	03000
	OVR	TASKY	030		HF	R	FB		175.2(180T)	004.0	03000
		TASKY	010	FACF	IF		FB				03000
		CEPUT	020	FAF	TF		FB	0.5	175.2(180T)	006.0	02800
		RW18	030	MAP	TF		FO	0.3	175.2(180T)	005.5	01032

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIVIV	040		DF		FO	1.0			03000
	CIVIV	050		HM	R	FO	2.0	355.2(000T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411002.19	W0954412.23	N4110.037	W09544.204
	CANIO	N413848.53	W0955822.88	N4138.809	W09558.381
	CEPUT	N412414.94	W0955338.64	N4124.249	W09553.644
	CIVIV	N410527.11	W0955344.11	N4105.452	W09553.735
	GLENE	N412704.84	W0953017.94	N4127.081	W09530.299
	KENAR	N412732.26	W0961945.80	N4127.538	W09619.763
	TASKY	N413017.04	W0955336.87	N4130.284	W09553.615
	RW18	N411846.68	W0955340.24	N4118.778	W09553.671

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00981	51

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OMAHA, NE	**ELEVATION: 984 TDZE: 981** AIRPORT NAME: **EPPLEY AIRFIELD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 2** SEP 25 2008	SUP: AMDT: 1 DATED: 09/01/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEETS	AROME (FB)	099.20 / 5.40	4000
STUBY	GELAW (FB)	297.77 / 11.11	4000
AROME (IAF)	JSSIE (NOPT) (FB)	099.35 / 10.00	3000
GELAW (IAF)	JSSIE (NOPT) (FB)	256.97 / 8.91	3000
JSSIE (IF/IAF)	KMBER (FB)	166.76 / 6.21	2300

MISSED APPROACH

LPV: DA
LNAV: RW17

CLIMB TO 3000 DIRECT ADJAX AND RIGHT TURN VIA 276.81 TRACK TO CIBID AND RIGHT TURN VIA 025.84 TRACK TO JSSIE AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 1049 TREE 414248N/0734329W
CHART FAS OBST: 714 TREE 414249N/0734426W
DISTANCE TO THLD FROM 327 HAT: 1.05 NM.
WAAS CHANNEL # 78008
REFERENCE PATH ID: W17A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JSSIE, RT, 166.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 166.81 FAF: KMBER DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: JSSIE 3000, KMBER 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: KMBER OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW17 4800

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1021	1 1/4	327	1021	1 1/4	327		NA			NA				
LNAV MDA	1620	1 1/4	926	1620	1 1/4	926		NA			NA				
CIRCLING	1620	1 1/4	922	1620	1 1/4	922		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE NEWBURGH ALTIMETER SETTING; WHEN NOT RECEIVED USE POUGHKEEPSIE ALTIMETER SETTING AND INCREASE LPV DA TO 1038, ALL MDA 20 FEET, AND LPV ALL CATS VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WEETS VIA V483, V34-106 NORTHWEST BOUND, AT STUBY VIA V93 NORTHEAST BOUND AND V91 SOUTHBOUND

CITY AND STATE	ELEVATION: 698 TDZE: 694 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MILLBROOK, NY	SKY ACRES	RNAV	RNAV (GPS) RWY 17, AMDT 1 / 25 SEP 2008	AMDT: ORIG / DATED 07/05/2007

QUALITY 2 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	44N
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	414243.5590N
LTP/FTP LONGITUDE	0734428.4025W
LTP/FTP ELLIPSOIDAL HEIGHT	+01658
FPAP LATITUDE	414124.2400N
FPAP LONGITUDE	0734334.1100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5BF7912C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01970
FPAP ORTHOMETRIC HEIGHT	+01970

CITY AND STATE	ELEVATION: 698 TDZE: 694	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILLBROOK, NY	AIRPORT NAME: SKY ACRES	RNAV	RNAV (GPS) RWY 17, AMDT 1 25 SEP 2008	AMDT: ORIG
				DATED: 07/05/2008

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ADJAX K60    W     N41372313W073404906                    W0137     NAR          ADJAX
        SUSAEAENRT   AROME K60    W     N41515396W074043965                    W0132     NAR          AROME
        SUSAEAENRT   CIBID K60    W     N41355572W073560151                    W0137     NAR          CIBID
        SUSAEAENRT   GELAW K60    W   L N41564541W073404167                    W0137     NAR          GELAW
        SUSAEAENRT   JSSIE K60    W     N41524181W073511923                    W0137     NAR          JSSIE
        SUSAEAENRT   KMBER K60    W     N41471047W073473139                    W0137     NAR          KMBER
        SUSAEAENRT   STUBY K60    R   L N41540754W073261404                    W0137     NAR          STUBY
        SUSAEAENRT   WEETS K60    R   L N41512707W074115158                    W0132     NAR          WEETS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 44N K6A44N     0     038YHN41422670W073441690W014000698         1800018000C    MNAR    SKY ACRES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 44N K6FR17   AJSSIE 010JSSIEK6EA0EE CR   HF                    16680040    + 03000     18000                A JS
        SUSAP 44N K6FR17   ASTUBY 010STUBYK6EA0E       IF                                          18000                A JS
        SUSAP 44N K6FR17   ASTUBY 020GELAWK6EA0E  A 020TF                     29780111    + 04000                          A JS
        SUSAP 44N K6FR17   ASTUBY 030JSSIEK6EA0EE   010TF                     25700089    + 03000                          A JS
        SUSAP 44N K6FR17   AWEETS 010WEETSK6EA0E       IF                                          18000                A JS
        SUSAP 44N K6FR17   AWEETS 020AROMEK6EA0E  A 020TF                     09920054    + 04000                          A JS
        SUSAP 44N K6FR17   AWEETS 030JSSIEK6EA0EE   010TF                     09940100    + 03000                          A JS
        SUSAP 44N K6FR17   R      010JSSIEK6EA0E  I    IF                                  + 03000     18000                A JS
        SUSAP 44N K6FR17   R      020KMBERK6EA1E  F 051TF                     16680062    + 02300                RW17  K6PGA JS
        SUSAP 44N K6FR17   R      020KMBERK6EA2WAAPV       N          ALNAV                                                JS
        SUSAP 44N K6FR17   R      030RW17 K6PG0GY M 031TF                     16680050      00686           -300           A JS
        SUSAP 44N K6FR17   R      040ADJAXK6EA0E M  010DF                                                                A JS
        SUSAP 44N K6FR17   R      050CIBIDK6EA0E    010TF                     2768                                       A JS
        SUSAP 44N K6FR17   R      060JSSIEK6EA0EY   010TF                     0258        + 03000                        A JS
        SUSAP 44N K6FR17   R      070JSSIEK6EA0EE HR020HM                     16680040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 698 TDZE: 694	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILLBROOK, NY	AIRPORT NAME: SKY ACRES	RNAV	RNAV (GPS) RWY 17, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 07/05/2007

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP 44N K6GRW17     0038301668 N41424356W073442840+1300     +0165800646000040060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 44N K6PR17    RW17 001 0000W17A0N4142435590W07344284025+016580300N4141242400W0734334110010675158400040OF4005005BF7912C
        SUSAP 44N K6PR17    RW17 002E       +01970+01970LPV       78008          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 44N K6SRW17 K6PG               0    18018004825                                                                  M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MILLBROOK, NY	ELEVATION: 698 TDZE: 694 AIRPORT NAME: SKY ACRES	RNAV	RNAV (GPS) RWY 17, AMDT 1 25 SEP 2008	SUP: AMDT: ORIG DATED: 07/05/2007

FINAL
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JSSIE	JSSIE	010		HF	R	FB		166.8(153T)	004.0	03000
	STUBY	STUBY	010		IF		FB				
	STUBY	GELAW	020	IAF	TF		FB	2.0	297.8(284T)	011.1	04000
	STUBY	JSSIE	030		TF		FB	1.0	257.0(243T)	008.9	03000
	WEETS	WEETS	010		IF		FB				
	WEETS	AROME	020	IAF	TF		FB	2.0	099.2(085T)	005.4	04000
	WEETS	JSSIE	030		TF		FB	1.0	099.4(085T)	010.0	03000
		JSSIE	010	FACF	IF		FB				03000
		KMBER	020	FAF	TF		FB	0.5	166.8(153T)	006.2	02300
		RW17	030	MAP	TF		FO	0.3	166.8(153T)	005.0	00686

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ADJAX	040		DF		FB	1.0			
	CIBID	050		TF		FB	1.0	276.8(263T)		
	JSSIE	060		TF		FO	1.0	025.8(012T)		03000
	JSSIE	070		HM	R	FO	2.0	166.8(153T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADJAX	N413723.13	W0734049.06	N4137.386	W07340.818
	AROME	N415153.96	W0740439.65	N4151.899	W07404.661
	CIBID	N413555.72	W0735601.51	N4135.929	W07356.025
	GELAW	N415645.41	W0734041.67	N4156.757	W07340.695
	JSSIE	N415241.81	W0735119.23	N4152.697	W07351.321
	KMBER	N414710.47	W0734731.39	N4147.175	W07347.523
	STUBY	N415407.54	W0732614.04	N4154.126	W07326.234
	WEETS	N415127.07	W0741151.58	N4151.451	W07411.860
	RW17	N414243.56	W0734428.40	N4142.726	W07344.473

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00646	40

CITY AND STATE	ELEVATION: 698 TDZE: 694	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILLBROOK, NY	AIRPORT NAME: SKY ACRES	RNAV	RNAV (GPS) RWY 17, AMDT 1 25 SEP 2008	AMDT: ORIG DATED: 07/05/2007

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME	SESKE (FB)	230.01 / 10.00	3000
CHANT	WUNKA (FB)	050.06 / 7.78	3000
SESKE (IAF)	ZACHS (FB)	229.92 / 9.47	2000
WUNKA (IAF)	ZACHS (FB)	050.13 / 8.00	2000
ZACHS (IF)	MEALS (FB)	314.91 / 6.76	1800

MISSED APPROACH

LNAV: RW31L

CLIMBING LEFT TURN TO 3000 DIRECT CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 338 ROD ON OL ATCT 403833N/0734653W
CHART VDP AT 1.67 MILES TO RW31L.
MEALS TO RW31L: 3.05/48.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZACHS
3. FAC: 314.83 FAF: MEALS DIST FAF TO MAP: 5.38 THLD: 5.38
4. MIN. ALT: ZACHS 2000, MEALS 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW31L 2600

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	5000	587	600	5000	587	600	1 1/2	587	600	1 3/4	587			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 31L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED 03/17/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        DPK   K6011770VDLW N40473034W073181321    N40473034W073181321W012000117      NARDEER PARK                 I

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CHANT K60    C     N40185829W073452499                    W0134     NAR          CHANT                  I
          SUSAEAENRT   MEALS K60    C     N40351202W073405091                    W0134     NAR          MEALS                  I
          SUSAEAENRT   SESKE K60    W     N40392446W073255665                    W0134     NAR          SESKE                  I
          SUSAEAENRT   WUNKA K60    W     N40251575W073392519                    W0134     NAR          WUNKA                  I
          SUSAEAENRT   ZACHS K60    C     N40314369W073331391                    W0134     NAR          ZACHS                  I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013        1800018000C    MNAR    JOHN F KENNEDY INTL          I

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6FR31LX ACHANT 010CHANTK6EA0E       IF                                          18000              B JS   I
          SUSAP KJFKK6FR31LX ACHANT 020WUNKAK6EA0E  A 020TF                    05010078    + 03000                      B JS   I
          SUSAP KJFKK6FR31LX ACHANT 030ZACHSK6EA0EE   010TF                    05010080    + 02000                      B JS   I
          SUSAP KJFKK6FR31LX ADPK   010DPK  K6D 0V       IF                                          18000              B JS   I
          SUSAP KJFKK6FR31LX ADPK   020SESKEK6EA0E  A 020TF                    23000100    + 03000                      B JS   I
          SUSAP KJFKK6FR31LX ADPK   030ZACHSK6EA0EE   010TF                    22990095    + 02000                      B JS   I
          SUSAP KJFKK6FR31LX R      010ZACHSK6EA0E  I    IF                                + 02000    18000             B JS   I
          SUSAP KJFKK6FR31LX R      020MEALSK6EA1E  F 051TF                    31490068    + 01800          RW31L K6PGB JS   I
          SUSAP KJFKK6FR31LX R      020MEALSK6EA2WN          N          ALNAV                                            JS   I
          SUSAP KJFKK6FR31LX R      030RW31LK6PG0GY M 031TF                    31480054      00061          -305        B JS   I
          SUSAP KJFKK6FR31LX R      040CHANTK6EA0EYM L010DF                                + 03000                      B JS   I
          SUSAP KJFKK6FR31LX R      050CHANTK6EA0EE HR020HM                    01200050    + 03000                      B JS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6GRW31L   0112483148 N40375728W073465478+0000     -0028400013332446150I                                  I
```

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 31L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 03/07/2007

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW31LK6PG               0   18018002625                                                          M   I
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 13 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) Y RWY 31L AMDT: 1 DATED: 03/17/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CHANT	CHANT	010		IF		FB				
	CHANT	WUNKA	020	IAF	TF		FB	2.0	050.1(036T)	007.8	03000
	CHANT	ZACHS	030		TF		FB	1.0	050.1(036T)	008.0	02000
	DPK	DPK	010		IF		FB				
	DPK	SESKE	020	IAF	TF		FB	2.0	230.0(216T)	010.0	03000
	DPK	ZACHS	030		TF		FB	1.0	229.9(216T)	009.5	02000
		ZACHS	010	FACF	IF		FB				02000
		MEALS	020	FAF	TF		FB	0.5	314.9(301T)	006.8	01800
		RW31L	030	MAP	TF		FO	0.3	314.8(301T)	005.4	00061

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CHANT	040		DF	L	FO	1.0			03000
	CHANT	050		HM	R	FO	2.0	012.0(358T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.34	W0731813.21	N4047.506	W07318.220
	CHANT	N401858.29	W0734524.99	N4018.972	W07345.417
	MEALS	N403512.02	W0734050.91	N4035.200	W07340.849
	SESKE	N403924.46	W0732556.65	N4039.408	W07325.944
	WUNKA	N402515.75	W0733925.19	N4025.263	W07339.420
	ZACHS	N403143.69	W0733313.91	N4031.728	W07333.232
	RW31L	N403757.28	W0734654.78	N4037.955	W07346.913

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31L	00013	46

CITY AND STATE	ELEVATION: 13 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 31L
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1 ALL DATED: 03/1[illegible]2007

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
REPRE (IF)	KRSTL (FB)	044.67 / 6.07	1500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04L

CLIMB TO 2000 DIRECT WORDI THEN CLIMBING RIGHT TURN TO 3000 VIA 091.29 TRACK TO DUFFY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 244.00 INBOUND.
CHART FAS OBST: 14 BUSH 403716N/0734706W
CHART FAS OBST: 211 BLDG 403529N/0734715W
DISTANCE TO THLD FROM 268 HAT: 0.66 NM.
CHART VDP AT 1.48 MILES TO RW04L* *LNAV ONLY.
WAAS CHANNEL # 77519
REFERENCE PATH ID: W04A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT REPRE
3. FAC: 044.72 FAF: KRSTL DIST FAF TO MAP: 4.43 THLD: 4.43
4. MIN. ALT: REPRE 2000, KRSTL 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: KRSTL OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
8. MSA FROM: RW04L 2600

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	280	5000	268	280	5000	268	280	5000	268	280	5000	268			
LNAV/VNAV DA	480	1 1/2	468	480	1 1/2	468	480	1 1/2	468	480	1 1/2	468			
LNAV MDA	540	5000	528	540	5000	528	540	1 1/2	528	540	1 3/4	528			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE	ELEVATION: 13 TDZE: 12	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4I
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED 08/04/2005

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW04L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	403719.2600N
LTP/FTP LONGITUDE	0734708.1100W
LTP/FTP ELLIPSOIDAL HEIGHT	-00286
FPAP LATITUDE	403855.6500N
FPAP LONGITUDE	0734552.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6FBF3BDD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00037
FPAP ORTHOMETRIC HEIGHT	+00037

CITY AND STATE	ELEVATION: 13 TDZE: 12	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/[illegible]/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DUFFY K60    C     N40472800W073312139                    W0134     NAR           DUFFY                    T
        SUSAEAENRT   KRSTL K60    W     N40333044W073500657                    W0134     NAR           KRSTL                    T
        SUSAEAENRT   REPRE K60    W     N40281725W073541018                    W0134     NAR           REPRE                    T
        SUSAEAENRT   WORDI K60    W     N40455520W073402473                    W0134     NAR           WORDI                    T

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013         1800018000C    MNAR    JOHN F KENNEDY INTL          T

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR04LY R      010REPREK6EA0E  I    IF                                                18000               A JS   T
        SUSAP KJFKK6FR04LY R      020KRSTLK6EA1E  F 051TF                     04470061    + 01500                  RW04L K6PGA JS   T
        SUSAP KJFKK6FR04LY R      020KRSTLK6EA2WALPV       ALNAV/VNAV ALNAV                                                    JS   T
        SUSAP KJFKK6FR04LY R      030RW04LK6PG0GY M 031TF                     04470044      00069             -300          A JS   T
        SUSAP KJFKK6FR04LY R      040WORDIK6EA0E M  010DF                                 + 02000                         A JS   T
        SUSAP KJFKK6FR04LY R      050DUFFYK6EA0EY  R010TFY                   0913        + 03000                         A JS   T
        SUSAP KJFKK6FR04LY R      060DUFFYK6EA0EE HL020HM                     24400040    + 03000                         A JS   T

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW04L   0113510448 N40371926W073470811+0000    -00286000120000571501                                        T

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR04LY RW04L001Y0000W04A0N4037192600W07347081100-0286 0300N4038556500W0734552800010650000000570F4005006FBF3BDDT
        SUSAP KJFKK6PR04LY RW04L002E      +00037+00037LPV       77519          000                                              T

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW04LK6PG               0   18018002625                                                                M   T
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 12 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) RWY 4L AMDT: 1 DATED: 08/04/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		REPRE	010	FACF	IF		FB				
		KRSTL	020	FAF	TF		FB	0.5	044.7(031T)	006.1	01500
		RW04L	030	MAP	TF		FO	0.3	044.7(031T)	004.4	00069

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WORDI	040		DF		FB	1.0			02000
	DUFFY	050		TF	R	FO	1.0	091.3(077T)		03000
	DUFFY	060		HM	L	FO	2.0	244.0(230T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUFFY	N404728.00	W0733121.39	N4047.467	W07331.357
	KRSTL	N403330.44	W0735006.57	N4033.507	W07350.110
	REPRE	N402817.25	W0735410.18	N4028.288	W07354.170
	WORDI	N404555.20	W0734024.73	N4045.920	W07340.412
	RW04L	N403719.26	W0734708.11	N4037.321	W07347.135

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04L	00012	57

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 12 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) RWY 4L AMDT: 1 DATED: 08/04/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VERRU (IF)	EBBEE (FB)	044.68 / 6.06	1500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04R

CLIMB TO 4000 DIRECT FEXAK AND RIGHT TURN VIA 082.50 TRACK TO DPK VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
CHART FAS OBST: 277 OLSTACK (KJFK0035) 403639N/0734540W
CHART FAS OBST: 211 BLDG 403529N/0734715W
DISTANCE TO THLD FROM 257 HAT: 0.64 NM.
CHART VDP AT 1.68 MILES TO RW04R* *LNAV ONLY.
WAAS CHANNEL # 81819
REFERENCE PATH ID: W04B

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VERRU
3. FAC: 044.73 FAF: EBBEE DIST FAF TO MAP: 4.44 THLD: 4.44
4. MIN. ALT: VERRU 2000, EBBEE 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: EBBEE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
8. MSA FROM: RW04R 2600

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	270	2400	257	270	2400	257	270	2400	257	270	2400	257			
LNAV/VNAV DA	520	6000	507	520	6000	507	520	6000	507	520	6000	507			
LNAV MDA	600	2400	587	600	2400	587	600	5000	587	600	6000	587			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO RVR 4000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED 06/14/2005

FAA FORM 8260 - 3 / December 2002 (computer generated)

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04B
LTP/FTP LATITUDE	403731.5300N
LTP/FTP LONGITUDE	0734613.2500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00283
FPAP LATITUDE	403843.0900N
FPAP LONGITUDE	0734517.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F21E9707

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00040
FPAP ORTHOMETRIC HEIGHT	+00040

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 06/14/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK   K6011770VDLW N40473034W073181321    N40473034W073181321W012000117      NARDEER PARK                  T

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EBBEE K60    C     N40334218W073491220                    W0134     NAR           EBBEE                    T
        SUSAEAENRT   FEXAK K60    W     N40394050W073443244                    W0134     NAR           FEXAK                    T
        SUSAEAENRT   VERRU K60    W     N40282958W073531547                    W0134     NAR           VERRU                    T

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013        1800018000C    MNAR    JOHN F KENNEDY INTL          T

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR04RY R      010VERRUK6EA0E  I    IF                                        18000                A JS   T
        SUSAP KJFKK6FR04RY R      020EBBEEK6EA1E  F 051TF                    04470061    + 01500                RW04R K6PGA JS   T
        SUSAP KJFKK6FR04RY R      020EBBEEK6EA2WALPV       ALNAV/VNAV ALNAV                                                 JS   T
        SUSAP KJFKK6FR04RY R      030RW04RK6PG0GY M 031TF                    04470044      00066           -300           A JS   T
        SUSAP KJFKK6FR04RY R      040FEXAKK6EA0E M  010DF                                                                 A JS   T
        SUSAP KJFKK6FR04RY R      050DPK  K6D 0VY  R010TFY                   0825        + 04000                        A JS   T
        SUSAP KJFKK6FR04RY R      060DPK  K6D 0VE HL020HM                    26000050    + 04000                        A JS   T

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW04R   0084000448 N40373153W073461325+0000    -00283000130000532001                                      T

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR04RY RW04R001Y0000W04B0N4037315300W07346132500-0283 0300N4038430900W073451733001067500080005 30F400500F21E9707T
        SUSAP KJFKK6PR04RY RW04R002E      +00040+00040LPV       81819          000                                            T
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CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 06/14/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW04RK6PG              0   18018002625                                                          M   T
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CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1A 25 SEP 2008	AMDT: 1 DATED: 06/14/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		VERRU	010	FACF	IF		FB				
		EBBEE	020	FAF	TF		FB	0.5	044.7(031T)	006.1	01500
		RW04R	030	MAP	TF		FO	0.3	044.7(031T)	004.4	00066

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEXAK	040		DF		FB	1.0			
	DPK	050		TF	R	FO	1.0	082.5(069T)		04000
	DPK	060		HM	L	FO	2.0	260.0(246T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.34	W0731813.21	N4047.506	W07318.220
	EBBEE	N403342.18	W0734912.20	N4033.703	W07349.203
	FEXAK	N403940.50	W0734432.44	N4039.675	W07344.541
	VERRU	N402829.58	W0735315.47	N4028.493	W07353.258
	RW04R	N403731.53	W0734613.25	N4037.526	W07346.221

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00013	53

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1A	AMDT: 1
			25 SEP 2008	DATED: 06/14/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME (IAF)	NAYIK (FB)	287.87 / 14.78	2000
NAYIK (IF)	ZALPO (FB)	224.85 / 6.00	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22L

CLIMB TO 3000 DIRECT FOLER AND VIA 189.18 TRACK TO CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 99 TREE 403931N/0734449W
CHART FAS OBST: 246 TANK 404125N/0734207W
DISTANCE TO THLD FROM 257 HAT: 0.64 NM.
CHART VDP AT 1.51 MILES TO RW22L* *LNAV ONLY.
WAAS CHANNEL # 97318
REFERENCE PATH ID: W22A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NAYIK
3. FAC: 224.81 FAF: ZALPO DIST FAF TO MAP: 5.36 THLD: 5.36
4. MIN. ALT: NAYIK 2000, ZALPO 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: ZALPO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
8. MSA FROM: RW22L 2600

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	270	2400	257	270	2400	257	270	2400	257	270	2400	257			
LNAV/VNAV DA	420	5000	407	420	5000	407	420	5000	407	420	5000	407			
LNAV MDA	560	2400	547	560	2400	547	560	5000	547	560	6000	547			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DPK VOR/DME VIA V1-16 EASTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 22L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED 08/04/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW22L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	403842.8500N
LTP/FTP LONGITUDE	0734517.5100W
LTP/FTP ELLIPSOIDAL HEIGHT	-00282
FPAP LATITUDE	403731.5300N
FPAP LONGITUDE	0734613.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F951CC1B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00040
FPAP ORTHOMETRIC HEIGHT	+00040

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        DPK   K6011770VDLW N40473034W073181321    N40473034W073181321W012000117      NARDEER PARK

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CHANT K60    C     N40185829W073452499                    W0134     NAR          CHANT
          SUSAEAENRT   FOLER K60    W     N40360807W073471841                    W0134     NAR          FOLER
          SUSAEAENRT   NAYIK K60    W     N40482862W073373830                    W0134     NAR          NAYIK
          SUSAEAENRT   ZALPO K60    C     N40431931W073414111                    W0134     NAR          ZALPO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013         1800018000C    MNAR    JOHN F KENNEDY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6FR22LY ADPK   010DPK  K6D 0V  A    IF                                          18000                A JS
          SUSAP KJFKK6FR22LY ADPK   020NAYIKK6EA0EE   010TF                    28790148    + 02000                      A JS
          SUSAP KJFKK6FR22LY R      010NAYIKK6EA0E  I    IF                                + 02000     18000            A JS
          SUSAP KJFKK6FR22LY R      020ZALPOK6EA1E  F 051TF                    22490060    + 01800                RW22L K6PGA JS
          SUSAP KJFKK6FR22LY R      020ZALPOK6EA2WALPV       ALNAV/VNAV ALNAV                                            JS
          SUSAP KJFKK6FR22LY R      030RW22LK6PGOGY M 031TF                    22480054      00066          -300        A JS
          SUSAP KJFKK6FR22LY R      040FOLERK6EA0E M  010DF                                                           A JS
          SUSAP KJFKK6FR22LY R      050CHANTK6EA0EY   010TF                    1892        + 03000                      A JS
          SUSAP KJFKK6FR22LY R      060CHANTK6EA0EE HR020HM                    01200050    + 03000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6GRW22L   0084002248 N40384285W073451751+0000    -00282000130000532001

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	**ELEVATION: 13 TDZE: 13** AIRPORT NAME: **JOHN F KENNEDY INTL**	**RNAV**	**RNAV (GPS) Y RWY 22L, AMDT 1A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 22L** AMDT: **1** DATED: **08/02/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KJFKK6PR22LY RW22L001Y0000W22A0N4038428500W07345175100-0282 0300N4037315300W0734613250010675000000053OF400500F951CC1B
SUSAP KJFKK6PR22LY RW22L002E      +00040+00040LPV       97318          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW22LK6PG               0   18018002625                                                              M
```

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 22L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DPK	DPK	010	IAF	IF		FB				
	DPK	NAYIK	020		TF		FB	1.0	287.9(274T)	014.8	02000
		NAYIK	010	FACF	IF		FB				02000
		ZALPO	020	FAF	TF		FB	0.5	224.9(211T)	006.0	01800
		RW22L	030	MAP	TF		FO	0.3	224.8(211T)	005.4	00066

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FOLER	040		DF		FB	1.0			
	CHANT	050		TF		FO	1.0	189.2(175T)		03000
	CHANT	060		HM	R	FO	2.0	012.0(358T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.34	W0731813.21	N4047.506	W07318.220
	CHANT	N401858.29	W0734524.99	N4018.972	W07345.417
	FOLER	N403608.07	W0734718.41	N4036.135	W07347.307
	NAYIK	N404828.62	W0733738.30	N4048.477	W07337.638
	ZALPO	N404319.31	W0734141.11	N4043.322	W07341.685
	RW22L	N403842.85	W0734517.51	N4038.714	W07345.292

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00013	53

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	**ELEVATION: 13 TDZE: 13** AIRPORT NAME: **JOHN F KENNEDY INTL**	**RNAV**	**RNAV (GPS) Y RWY 22L, AMDT 1A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 22L** AMDT: **1** DATED: **08/04/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME	SESKE (FB)	230.01 / 10.00	3000
CHANT	WUNKA (FB)	050.06 / 7.78	3000
SESKE (IAF)	ZACHS (FB)	229.92 / 9.47	2000
WUNKA (IAF)	ZACHS (FB)	050.13 / 8.00	2000
ZACHS (IF/IAF)	MEALS (FB)	314.91 / 6.76	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31L

CLIMB TO 2000 DIRECT OMEME AND LEFT TURN VIA 216.25 TRACK TO NELRE THEN CLIMBING LEFT TURN TO 3000 VIA 165.32 TRACK TO CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 338 ROD ON OL ATCT 403833N/0734653W
CHART 277 OL STACK 403639N/0734540W.
DISTANCE TO THLD FROM 257 HAT: 0.66 NM.
CHART VDP AT 1.69 MILES TO RW31L* *LNAV ONLY.
WAAS CHANNEL # 50119
REFERENCE PATH ID: W31A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZACHS
3. FAC: 314.83 FAF: MEALS DIST FAF TO MAP: 5.38 THLD: 5.38
4. MIN. ALT: ZACHS 2000, MEALS 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: MEALS OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.0 34:1 IS CLEAR
8. MSA FROM: RW31L 2600

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	270	4000	257	270	4000	257	270	4000	257	270	4000	257			
LNAV/VNAV DA	600	2	587	600	2	587	600	2	587	600	2	587			
LNAV MDA	600	5000	587	600	5000	587	600	1 1/2	587	600	1 3/4	587			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 31L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED 08/04/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW31L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	403757.2800N
LTP/FTP LONGITUDE	0734654.7800W
LTP/FTP ELLIPSOIDAL HEIGHT	-00284
FPAP LATITUDE	403854.6000N
FPAP LONGITUDE	0734901.2700W
THRESHOLD CROSSING HEIGHT (TCH)	00048.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.50
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	326C94D9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00039
FPAP ORTHOMETRIC HEIGHT	+00039

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 31L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        DPK   K6011770VDLW N40473034W073181321    N40473034W073181321W012000117      NARDEER PARK                  T

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CHANT K60    C     N40185829W073452499                    W0134     NAR          CHANT                    T
       SUSAEAENRT   MEALS K60    C     N40351202W073405091                    W0134     NAR          MEALS                    T
       SUSAEAENRT   NELRE K60    W     N40335517W073560571                    W0134     NAR          NELRE                    T
       SUSAEAENRT   OMEME K60    W     N40403068W073523360                    W0134     NAR          OMEME                    T
       SUSAEAENRT   SESKE K60    W     N40392446W073255665                    W0134     NAR          SESKE                    T
       SUSAEAENRT   WUNKA K60    W     N40251575W073392519                    W0134     NAR          WUNKA                    T
       SUSAEAENRT   ZACHS K60    C     N40314369W073331391                    W0134     NAR          ZACHS                    T

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013         1800018000C    MNAR    JOHN F KENNEDY INTL          T

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KJFKK6FR31LY ACHANT 010CHANTK6EA0E       IF                                          18000                A JS   T
       SUSAP KJFKK6FR31LY ACHANT 020WUNKAK6EA0E  A 020TF                    05010078    + 03000                        A JS   T
       SUSAP KJFKK6FR31LY ACHANT 030ZACHSK6EA0EE   010TF                    05010080    + 02000                        A JS   T
       SUSAP KJFKK6FR31LY ADPK   010DPK  K6D 0V       IF                                          18000                A JS   T
       SUSAP KJFKK6FR31LY ADPK   020SESKEK6EA0E  A 020TF                    23000100    + 03000                        A JS   T
       SUSAP KJFKK6FR31LY ADPK   030ZACHSK6EA0EE   010TF                    22990095    + 02000                        A JS   T
       SUSAP KJFKK6FR31LY R      010ZACHSK6EA0E  I    IF                                 + 02000     18000              A JS   T
       SUSAP KJFKK6FR31LY R      020MEALSK6EA1E  F 051TF                    31490068    + 01800                RW31L K6PGA JS   T
       SUSAP KJFKK6FR31LY R      020MEALSK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS   T
       SUSAP KJFKK6FR31LY R      030RW31LK6PG0GY M 031TF                    31480054      00061          -300            A JS   T
       SUSAP KJFKK6FR31LY R      040OMEMEK6EA0E M  010DF                                                               A JS   T
       SUSAP KJFKK6FR31LY R      050NELREK6EA0E   L010TFY                  2163        + 02000                        A JS   T
       SUSAP KJFKK6FR31LY R      060CHANTK6EA0EY  L010TFY                  1653        + 03000                        A JS   T
       SUSAP KJFKK6FR31LY R      070CHANTK6EA0EE HR020HM                    01200050    + 03000                        A JS   T
```

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Z RWY 31L
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6GRW31L   0112483148 N40375728W073465478+0000     -00284000133324461501                                T

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6PR31LY RW31L001Y0000W31A0N4037572800W07346547800-0284 0300N4038546000W0734901270010750003200048OF400500326C94D9T
          SUSAP KJFKK6PR31LY RW31L002E      +00039+00039LPV       50119         000                                          T

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KJFKK6SRW31LK6PG              0   18018002625                                                          M   T
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 13 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) Z RWY 31L AMDT: 1 DATED: 08/04/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CHANT	CHANT	010		IF		FB				
	CHANT	WUNKA	020	IAF	TF		FB	2.0	050.1(036T)	007.8	03000
	CHANT	ZACHS	030		TF		FB	1.0	050.1(036T)	008.0	02000
	DPK	DPK	010		IF		FB				
	DPK	SESKE	020	IAF	TF		FB	2.0	230.0(216T)	010.0	03000
	DPK	ZACHS	030		TF		FB	1.0	229.9(216T)	009.5	02000
		ZACHS	010	FACF	IF		FB				02000
		MEALS	020	FAF	TF		FB	0.5	314.9(301T)	006.8	01800
		RW31L	030	MAP	TF		FO	0.3	314.8(301T)	005.4	00061

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OMEME	040		DF		FB	1.0			
	NELRE	050		TF	L	FB	1.0	216.3(202T)		02000
	CHANT	060		TF	L	FO	1.0	165.3(151T)		03000
	CHANT	070		HM	R	FO	2.0	012.0(358T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPK	N404730.34	W0731813.21	N4047.506	W07318.220
	CHANT	N401858.29	W0734524.99	N4018.972	W07345.417
	MEALS	N403512.02	W0734050.91	N4035.200	W07340.849
	NELRE	N403355.17	W0735605.71	N4033.920	W07356.095
	OMEME	N404030.68	W0735233.60	N4040.511	W07352.560
	SESKE	N403924.46	W0732556.65	N4039.408	W07325.944
	WUNKA	N402515.75	W0733925.19	N4025.263	W07339.420
	ZACHS	N403143.69	W0733313.91	N4031.728	W07333.232
	RW31L	N403757.28	W0734654.78	N4037.955	W07346.913

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31L	00013	46

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 13 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) Z RWY 31L AMDT: 1 DATED: 08/04/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME (IAF)	CATOD (FB)	229.60 / 18.36	3000
CATOD (IF)	ZULAB (FB)	314.93 / 6.31	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31R

CLIMB TO 2000 DIRECT AVIME THEN CLIMBING LEFT TURN TO 4000 VIA 218.61 TRACK TO COL VOR/DME AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CATOD
3. FAC: 314.85 FAF: ZULAB DIST FAF TO MAP: 5.68 THLD: 5.68
4. MIN. ALT: CATOD 3000, ZULAB 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: ZULAB OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.0 34:1 IS CLEAR
8. MSA FROM: RW31R 2600

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 193.00 INBOUND.
CHART FAS OBST: 118 ASR ANT 403822N/0734559W
CHART FAS OBST: 360 STACKS 403658N/0733851W
DISTANCE TO THLD FROM 257 HAT: 0.65 NM.
CHART VDP AT 1.63 MILES TO RW31R* *LNAV ONLY.
WAAS CHANNEL # 45519
REFERENCE PATH ID: W31B

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	270	2400	257	270	2400	257	270	2400	257	270	2400	257			
LNAV/VNAV DA	420	5000	407	420	5000	407	420	5000	407	420	5000	407			
LNAV MDA	580	2400	567	580	2400	567	580	5000	567	580	6000	567			
CIRCLING	640	1	627	640	1	627	640	1 3/4	627	640	2	627			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CAT'S VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DPK VOR/DME VIA AIRWAY RADIALS 221 CW 258.
CHART NOTES: MIN. ALT. AT CATOD 2000 WHEN AUTHORIZED BY ATC

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 13 TDZE: 13 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1A 25 SEP 2008	SUP: RNAV (GPS) RWY 31R AMDT: 1 DATED 08/04/2008

FAA FORM 8260 - 3 / December 2002 (computer generated)

CANCELLED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW31R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31B
LTP/FTP LATITUDE	403842.5900N
LTP/FTP LONGITUDE	0734544.8100W
LTP/FTP ELLIPSOIDAL HEIGHT	-00284
FPAP LATITUDE	403927.9700N
FPAP LONGITUDE	0734724.8700W
THRESHOLD CROSSING HEIGHT (TCH)	00049.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F0F74F73

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00038
FPAP ORTHOMETRIC HEIGHT	+00038

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        COL   K6011540VDLA N40184200W074093511    N40184200W074093511W011000120      NARCOLTS NECK                 T
        SUSAD        DPK   K6011770VDLW N40473034W073181321    N40473034W073181321W012000117      NARDEER PARK                  T

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AVIME K60    W     N40425630W073550544                    W0134     NAR          AVIME                         T
        SUSAEAENRT   CATOD K60    C     N40323338W073321404                    W0134     NAR          CATOD                         T
        SUSAEAENRT   ZULAB K60    C     N40354799W073392065                    W0134     NAR          ZULAB                         T

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000013         1800018000C    MNAR    JOHN F KENNEDY INTL           T

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR31RY A      010DPK  K6D 0V  A    IF                              +A03000     18000                A JS   T
        SUSAP KJFKK6FR31RY A      020CATODK6EA0E    010TF                  22960184    +A03000                          A JS   T
        SUSAP KJFKK6FR31RY R      030RW31RK6PG0GY M 031TF                 31490057      00062             -300         A JS   T
        SUSAP KJFKK6FR31RY RDPK   020ZULABK6EA1EE F 051TF                 31490063    + 01900                 RW31R K6PGA JS   T
        SUSAP KJFKK6FR31RY RDPK   020ZULABK6EA2WALPV       ALNAV/VNAV ALNAV                                             JS   T
        SUSAP KJFKK6FR31RY R      040AVIMEK6EA0E M  010DF                         + 02000                          A JS   T
        SUSAP KJFKK6FR31RY R      050COL  K6D 0VY  L010TFY               2186     + 04000                          A JS   T
        SUSAP KJFKK6FR31RY R      060COL  K6D 0VE HR020HM                 19300040    + 04000                          A JS   T

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW31R   0089703148 N40384261W073454485+0000    -00282000131030491501                                        T

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR31RY RW31R001Y0000W31B0N4038425900W07345448100-0284 0300N4039279700W0734724870010650000000490F400500F0F74F73T
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CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 31R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KJFKK6PR31RY RW31R002E      +00038+00038LPV       45519          000                                                    T

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
SUSAP KJFKK6SRW31RK6PG                0   18018002625                                                                    M   T
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CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 31R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2005

CANCELLED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		DPK	010	IAF	IF		FB				03000
		CATOD	020		TF		FB	1.0	229.6(216T)	018.4	03000
		RW31R	030	MAP	TF		FO	0.3	314.9(301T)	005.7	00062
	DPK	ZULAB	020	FAF	TF		FB	0.5	314.9(301T)	006.3	01900

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AVIME	040		DF		FB	1.0			02000
	COL	050		TF	L	FO	1.0	218.6(205T)		04000
	COL	060		HM	R	FO	2.0	193.0(179T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COL	N401842.00	W0740935.11	N4018.700	W07409.585
	DPK	N404730.34	W0731813.21	N4047.506	W07318.220
	AVIME	N404256.30	W0735505.44	N4042.938	W07355.091
	CATOD	N403233.38	W0733214.04	N4032.556	W07332.234
	ZULAB	N403547.99	W0733920.65	N4035.800	W07339.344
	RW31R	N403842.61	W0734544.85	N4038.710	W07345.748

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31R	00013	49

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 31R
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1A 25 SEP 2008	AMDT: 1
				DATED: 08/04/2005

CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
REPRE (IF)(40E)(43I)	KRSTL (TF)(FB)(RNP 0.50)(40E)(41E)(43F)	044.67/6.07	1500
KRSTL (FAF)(40E)(43F)	RW04L (TF)(FO)(40G)(41Y)(43M)	044.72/4.43	
RW04L (MAP)(40G)(41Y)(43M)	WORDI (TF)(FB)(RNP 1.00)(40E)	044.72/10.00	
WORDI (40E)	DUFFY (TF)(FO)(RNP 1.00)(40E)(41E)(43H)	091.29/7.05	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA 044.72 TRACK TO WORDI AND VIA 091.29 TRACK TO DUFFY AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT REPRE
3. FAC: 044.72 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: REPRE 2000
5. DIST TO THLD FROM OM: 4.43 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: KRSTL 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4# 34:1 IS NOT CLEAR
8. MSA FROM: RW04L 2900

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 244.00 INBOUND.
CHART FAS OBST: 93 ANTENNA 403509N/0734905W.
DISTANCE FROM THLD TO 349 HAT: 0.92 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART IN PROFILE: MANDATORY ALTITUDE 2000 AT REPRE. MANDATORY ALTITUDE 1500 AT KRSTL.
#TCH 69.6 MSL (DO NOT CHART)

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	361	6000	349	361	6000	349	361	6000	349	361	6000	349			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 48C (118F). VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PLANVIEW NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 13 TDZE: 12 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F. KENNEDY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 4L, ORIG.	AMDT: NONE DATE

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VERRU (IF)(40E)(43I)	EBBEE (TF)(FB)(RNP 0.50)(40E)(41E)(43F)	044.68/6.06	1500
EBBEE (FAF)(40E)(43F)	RW04R (TF)(FO)(40G)(41Y)(43M)	044.73/4.44	
RW04R (MAP)(40G)(41Y)(43M)	PIYIY (TF)(FB)(RNP 1.00)(40E)	044.76/7.00	
PIYIY (40E)	DPK VOR/DME (TF)(FO)(RNP 1.00)(40E)(41E)(43H)	091.26/18.14	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 044.76 TRACK TO PIYIY AND VIA 091.26 TRACK TO DPK VOR/DME AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VERRU
3. FAC: 044.73 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VERRU 2000
5. DIST TO THLD FROM OM: 4.44 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: EBBEE 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.8# 34:1 IS CLEAR
8. MSA FROM: RW04R 2900

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 260.00 INBOUND
DISTANCE FROM THLD TO 406 HAT: 1.11 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
CHART IN PROFILE: MANDATORY ALTITUDE 2000 AT VERRU. MANDATORY ALTITUDE 1500 AT EBBEE.
#TCH 65.9 MSL (DO NOT CHART)

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY ====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	419	5000	406	419	5000	406	419	5000	406	419	5000	406			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 48C (118F). FOR INOPERATIVE ALSF-2, INCREASE RNP 0.30 DA ALL CATS VISIBILITY TO 1 1/2.
CHART PLANVIEW NOTE: RADAR REQUIRED.

CITY AND STATE	ELEVATION: 13 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F. KENNEDY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 4R, ORIG	AMDT: NONE DATE

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME (IAF)(40V)(43A)	TUSTE (TF)(FB)(RNP 1.00) (40E)(41E)	286.94/8.90	2000
TUSTE (IF)(40E)(43I)	ZAKUS (TF)(FB)(RNP 0.50) (40E)	259.08/6.00	1900
ZAKUS (40E)	JIRVA (TF)(FB)(RNP 0.50) (40E)(43F)	244.85/3.60	1900
JIRVA (FAF)(40E)(43F)	SOGOE (TF)(FB)(RNP 0.30) (40E)(42S)	244.81/1.39	
SOGOE (40E)(42S)	HESOR (RF)(FB)(RNP 0.30) (40E)(42S)	(3.70 NM RADIUS CCW UYUYI)/ 1.29	
HESOR (40E)(42S)	RW22L (TF)(FO)(40G)(41Y)(43M)	224.79/3.00	
RW22L (MAP)(40G)(41Y)(43M)	WEPLA (TF)(FB)(RNP 1.00) (40E)	224.76/7.64	
WEPLA (40E)	CHANT (TF)(FO)(RNP 1.00) (40E)(41E)(43H)	177.80/13.71	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA 224.76 TRACK TO WEPLA AND VIA 177.80 TRACK TO CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 99 TREE 403931N/0734449W
CHART: 41 MSL TREE 403851N/0734506W
20 MSL FENCE 403849N/0734518W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TUSTE
3. FAC: * FAF: *SEE TERMINAL ROUTES DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: TUSTE 2000, ZAKUS 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: JIRVA 1900, SOGOE 1426, HESOR 1017 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.3# 34:1 IS NOT CLEAR
8. MSA FROM: RW22L 2900

DIST TO THLD FROM 326 HAT: 0.87 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 63.4 MSL (DO NOT CHART)

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA	339	4000	326	339	4000	326	339	4000	326	339	4000	326			
RNP 0.30 DA	408	5000	395	408	5000	395	408	5000	395	408	5000	395			

NOTES: CHART NOTE: RF AND GPS REQUIRED. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (8F) OR ABOVE 49C (120F). FOR INOPERATIVE ALSF, INCREASE RNP 0.20 DA VISIBILITY TO RVR 5000 ALL CATS, RNP 0.30 DA VISIBILITY TO RVR 6000 ALL CATS.
VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 349.

CITY AND STATE	ELEVATION: 13 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 22L, ORIG	AMDT: NONE DATE

QUALITY 1

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME (40V)	SESKE (TF)(FB)(RNP 1.00) (40E)(41E)(43A)	230.01/10.00	3000
CHANT (40E)	WUNKA (TF)(FB)(RNP 1.00) (40E)(41E)(43A)	050.06/7.78	3000
SESKE (IAF) (40E)(43A)	ZACHS (TF)(FB)(RNP 1.00) (40E)(41E)	229.92/9.47	2000
WUNKA (IAF) (40E)(43A)	ZACHS (TF)(FB)(RNP 0.50) (40E)(41E)(43I)	050.13/8.00	2000
ZACHS (IF)(40E)(43I)	MEALS (TF)(FB)(RNP 0.50) (40E)(43F)	314.91/6.75	1800
MEALS (FAF) (40E)(43F)	RW31L (TF)(FB)(40G)(43M)	314.83/5.39	
RW31L (MAP)(40G)(43M)	HULEP (TF)(FB)(RNP 0.30) (40E)(41Y)(42M)	314.83/0.70	
(CONT PAGE 2)			

MISSED APPROACH

MAP: DA

MISSED APPROACH: (DO NOT EXCEED 200 KIAS UNTIL FIKRA) CLIMB TO 3000 VIA 314.78 TRACK TO HULEP, AND VIA LEFT TURN TO JONLO, AND VIA LEFT TURN TO FIKRA, AND VIA 162.72 TRACK TO CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST:17' OL ON LOC 403728N/0734616W
DIST TO THLD FROM 303 HAT: 0.81NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
#TCH 58.9 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZACHS
3. FAC: 314.83 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ZACHS 2000
5. DIST TO THLD FROM OM: 5.39 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: MEALS 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 46.2# 34:1 IS CLEAR
8. MSA FROM: RW31L 2900

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30*	316	5000	303	316	5000	303	316	5000	303	316	5000	303			
RNP 0.30	455	1 1/2	442	455	1 1/2	442	455	1 1/2	442	455	1 1/2	442			

NOTES:
CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 49C (120F).
MISSED APPROACH REQUIRES RNP LESS THAN 1.0. *RNP 0.30 MISSED APPROACH REQUIRES MINIMUM CLIMB OF 463 FEET PER NM TO 700. RF AND GPS REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.

CHART IN PLANVIEW AT ZACHS: MAX 210
CHART IN PLANVIEW AT FIKRA: MAX 200

CITY AND STATE	ELEVATION: 13 TDZE: 13 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 31L, ORIG	AMDT: NONE
				DATE

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

(CONT FROM PAGE 1)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HULEP (40E)	JONLO (RF)(FB)(RNP 0.30)(40E)	(3.70 NM RADIUS CCW UYUKU)/3.23	
JONLO (40E)	FIKRA (RF)(FB)(RNP 0.50)(40E)	(5.00 NM RADIUS CCW YIVUY)/8.92	
FIKRA (40E)	CHANT (TF)(FO)(RNP 1.00) (40E)(41E)(43H)	162.72/14.42	3000

CITY AND STATE	ELEVATION: 13.3 TDZE: 12.7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F. KENNEDY INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 31L, ORIG	AMDT: NONE DATED:

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPK VOR/DME (IAF)(40V)(43A)	CATOD (TF)(FB)(RNP 1.00) (40E)(41E)(43I)	229.60/18.36	3000
CATOD (IF)(40E)(43I)	ZULAB (TF)(FB)(RNP 1.00) (40E)(43F)	314.93/6.31	1900
ZULAB (FAF)(40E)(43F)	RW31R (TF)(FB)(40G)(43M)	314.85/5.68	
RW31R (MAP)(40G)(43M)	ZARGA (TF)(FB)(RNP 0.30) (40E)(42M)	314.79/0.60	
ZARGA (40E)	TENRE (RF)(FB)(RNP 0.30)(40E)	(3.70 NM RADIUS CCW NIYIY)/3.87	
TENRE (40E)	WETIL (RF)(FB)(RNP 0.50)(40E)	(5.00 NM RADIUS CCW OYUYI)/2.41	
WETIL (40E)	COL VOR/DME (TF)(FO)(RNP 1.00) (40E)(41E)(43H)	227.21/22.36	4000

MISSED APPROACH

MAP: DA

MISSED APPROACH (DO NOT EXCEED 200 KIAS UNTIL WETIL) CLIMB TO 4000 VIA 314.79 TRACK TO ZARGA AND VIA LEFT TURN TO TENRE AND VIA LEFT TURN TO WETIL AND VIA 227.21 TRACK TO COL VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 193.00 INBOUND.
CHART FAS OBST: 46 AMOM 403824N/0734505W
DIST TO THLD FROM 274 HAT: 0.67 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
#TCH 61.1 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN ____ MILES OF _____ (IAF)
2. PROFILE STARTS AT CATOD
3. FAC: 314.85 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: CATOD 2000
5. DIST TO THLD FROM OM: 5.68 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 1900 GS ALT AT: ZULAB 1900 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 48.6# 34:1 IS CLEAR
8. MSA FROM: RW31R 2900

MAG VAR: 14W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA**	274	2400	261	274	2400	261	274	2400	261	274	2400	261			
RNP 0.30 DA***	317	2400	304	317	2400	304	317	2400	304	317	2400	304			
RNP 0.30 DA	413	5000	400	413	5000	400	413	5000	400	413	5000	400			

NOTES:
CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (9F) OR ABOVE 49C (120F).
MISSED APPROACH REQUIRES RNP LESS THAN 1.0. **RNP 0.20 MISSED APPROACH REQUIRES MINIMUM CLIMB OF 366 FEET PER NM TO 700. ***RNP 0.30 MISSED APPROACH REQUIRES MINIMUM CLIMB OF 327 FEET PER NM TO 700. RF AND GPS REQUIRED. (CONT. PAGE 2)

CITY AND STATE	ELEVATION: 13 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F. KENNEDY INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 31R, ORIG	AMDT: NONE DATE

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES: (CONT FROM PAGE 1): FOR INOPERATIVE MALSR, INCREASE RNP 0.20 DA VISIBILITY TO RVR 5000 ALL CATS, RNP 0.30 DA* VISIBILITY TO RVR 5000 ALL CATS, RNP 0.30 DA VISIBILITY TO 1 1/2 ALL CATS.**
CHART IN PLANVIEW AT CATOD: MAX 210
CHART IN PLANVIEW AT WETIL: MAX 200
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.

CITY AND STATE	ELEVATION: 13 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F. KENNEDY INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 31R, ORIG	AMDT: NONE
				DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RKA VOR/DME	KRING LOM	068.57 / 13.27	3900
COOES INT	KRING LOM	167.66 / 11.54	3900

MISSED APPROACH

MAP: 4.20 MILES AFTER OZ LOM

CLIMBING RIGHT TURN TO 3900 DIRECT OZ LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3900.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 237.16 INBOUND.
CHART FAS OBST: 1940 TREE 423214N/0750237W
OZ LOM TO RW24: 3.47/40

1. PT L SIDE OF COURSE 057.16 OUTBOUND 3900 FT WITHIN 10 MILES OF KRING LOM (IAF)
2.
3. FAC 237.16 FAF KRING LOM DIST FAF TO MAP 4.20 THLD 4.64
4. MIN. ALT OZ LOM 3500
8. MSA FROM: OZ LOM 090-180 4700, 180-270 4100, 270-090 3700

MAG VAR: 13W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-24	2220	1	462	2220	1	462		NA			NA				
CIRCLING	2340	1	577	2380	1	617		NA			NA				

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	ELEVATION: 1763 TDZE: 1758	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	I-OZX	LOC RWY 24, AMDT 2 25 SEP 2008	AMDT 1B
				DATE 05/07/1987

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 5 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET AND INCREASE CIRCLING CAT B VISIBILITY 1/4.
CHART NOTE: LOCALIZER UNUSABLE 4.2 NM AFTER PASSING OZ LOM.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONEONTA, NY	**ELEVATION: 1763 TDZE: 1758** AIRPORT NAME: **ONEONTA MUNI**	**I-OZX**	**LOC RWY 24, AMDT 2** 25 SEP 2008	SUP: AMDT: **1B** DATED: **05/07/1987**

QUALITY 5 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUVAM (IAF)	WODIT (NOPT) (FB)	146.98 / 5.00	4500
CIYAY (IAF)	WODIT (NOPT) (FB)	327.08 / 5.00	4500
WODIT (IF/IAF)	TIYUL (FB)	057.03 / 6.11	3600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 4500 DIRECT RIYOV AND RIGHT TURN VIA 147.15 TRACK TO UYUNI AND RIGHT TURN VIA 237.15 TRACK TO OYADU AND VIA 326.96 TRACK TO WODIT AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 2064 ANT ON OL MCWV TWR 422956N/0750424W
CHART: 2079 TREE 422808N/0750934W
DISTANCE TO THLD FROM 312 HAT: 0.81 NM.
WAAS CHANNEL # 86309
REFERENCE PATH ID: W06A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WODIT, LT, 057.03 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 057.09 FAF: TIYUL DIST FAF TO MAP: 5.51 THLD: 5.51
4. MIN. ALT: WODIT 4500, TIYUL 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: TIYUL OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 13W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2075	1	312	2075	1	312		NA			NA				
LNAV/VNAV DA	2351	2	588	2351	2	588		NA			NA				
LNAV MDA	2260	1	497	2260	1	497		NA			NA				
CIRCLING	2340	1	577	2380	1	617		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING BINGHAMTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	ELEVATION: 1763 TDZE: 1763 AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 6, ORIG 25 SEP 2008	AMDT: NONE DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL DA 122 FEET ALL MDA 140 FEET, AND INCREASE LPV AND LNAV/VNAV VISIBILITIES 1/2 MILE ALL CATS, AND CIRCLING VISIBILITY CAT B 1/4 MILE.

TAA

	FROM	TO	ALT
1.	327/30 CW 147/30 (NOPT)	327/10 CW 147/10 (FB)	5200
2.	327/10 CW 147/10	WODIT (IF/IAF) (FB)	4500
3.	147/30 CW 237/30	JUVAM (IAF) (FB)	4500
4.	237/30 CW 327/30	CIYAY (IAF) (FB)	5900

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N66
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	423114.2765N
LTP/FTP LONGITUDE	0750411.5870W
LTP/FTP ELLIPSOIDAL HEIGHT	+05063
FPAP LATITUDE	423218.2200N
FPAP LONGITUDE	0750247.6400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4BE569FB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05373
FPAP ORTHOMETRIC HEIGHT	+05373

CITY AND STATE	ELEVATION: 1763 TDZE: 1763	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 6, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIYAY K60    W     N42192464W075101607                    W0129     NAR          CIYAY
        SUSAEAENRT   JUVAM K60    W     N42262181W075195814                    W0129     NAR          JUVAM
        SUSAEAENRT   OYADU K60    W     N42165322W075064275                    W0129     NAR          OYADU
        SUSAEAENRT   RIYOV K60    W     N42354487W074581583                    W0135     NAR          RIYOV
        SUSAEAENRT   TIYUL K60    W     N42271679W075092277                    W0129     NAR          TIYUL
        SUSAEAENRT   UYUNI K60    W     N42294504W074495536                    W0135     NAR          UYUNI
        SUSAEAENRT   WODIT K60    W     N42225333W075150684                    W0129     NAR          WODIT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N66 K6AN66     0     042YHN42312920W075035210W013001763         1800018000C    MNAR    ONEONTA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N66 K6FR06   ACIYAY 010CIYAYK6EA0E  A    IF                                          18000                A JS
        SUSAP N66 K6FR06   ACIYAY 020WODITK6EA0EE   010TF                   32710050    + 04500                       A JS
        SUSAP N66 K6FR06   AJUVAM 010JUVAMK6EA0E  A    IF                                          18000                A JS
        SUSAP N66 K6FR06   AJUVAM 020WODITK6EA0EE   010TF                   14700050    + 04500                       A JS
        SUSAP N66 K6FR06   AWODIT 010WODITK6EA0EE CL   HF                    05700040    + 04500     18000             A JS
        SUSAP N66 K6FR06   R      010WODITK6EA0E  I    IF                                + 04500     18000             A JS
        SUSAP N66 K6FR06   R      020TIYULK6EA1E  F 051TF                    05700061    + 03600                       A JS
        SUSAP N66 K6FR06   R      020TIYULK6EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP N66 K6FR06   R      030RW06 K6PGOGY M 031TF                    05710055      01818           -300        A JS
        SUSAP N66 K6FR06   R      040RIYOVK6EA0E M     DF                                                           A JS
        SUSAP N66 K6FR06   R      050UYUNIK6EA0E   R   TFY                   1472                                      A JS
        SUSAP N66 K6FR06   R      060OYADUK6EA0E   R   TFY                   2372                                      A JS
        SUSAP N66 K6FR06   R      070WODITK6EA0EY      TF                    3270        + 04500                       A JS
        SUSAP N66 K6FR06   R      080WODITK6EA0EE HL020HM                    05700050    + 04500                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP N66 K6GRW06    0041980572 N42311428W075041159-0300    +05063017630000055075R
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CITY AND STATE	ELEVATION: 1763 TDZE: 1763	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 6, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP N66 K6PR06   RW06 001 0000W06A0N4231142765W07504115870+050630300N4232182200W07502476400106751472000550F4005004BE569FB
    SUSAP N66 K6PR06   RW06 002E      +05373+05373LPV       86309          000
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONEONTA, NY	**ELEVATION: 1763 TDZE: 1763** AIRPORT NAME: **ONEONTA MUNI**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIYAY	CIYAY	010	IAF	IF		FB				
	CIYAY	WODIT	020		TF		FB	1.0	327.1(314T)	005.0	04500
	JUVAM	JUVAM	010	IAF	IF		FB				
	JUVAM	WODIT	020		TF		FB	1.0	147.0(134T)	005.0	04500
	WODIT	WODIT	010		HF	L	FB		057.0(044T)	005.0	04500
		WODIT	010	FACF	IF		FB				04500
		TIYUL	020	FAF	TF		FB	0.5	057.0(044T)	006.1	03600
		RW06	030	MAP	TF		FO	0.3	057.1(044T)	005.5	01818

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RIYOV	040		DF		FB				
	UYUNI	050		TF	R	FB		147.2(134T)		
	OYADU	060		TF	R	FB		237.2(224T)		
	WODIT	070		TF		FO		327.0(314T)		04500
	WODIT	080		HM	L	FO	2.0	057.0(044T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIYAY	N421924.64	W0751016.07	N4219.411	W07510.268
	JUVAM	N422621.81	W0751958.14	N4226.364	W07519.969
	OYADU	N421653.22	W0750642.75	N4216.887	W07506.713
	RIYOV	N423544.87	W0745815.83	N4235.748	W07458.264
	TIYUL	N422716.79	W0750922.77	N4227.280	W07509.380
	UYUNI	N422945.04	W0744955.36	N4229.751	W07449.923
	WODIT	N422253.33	W0751506.84	N4222.889	W07515.114
	RW06	N423114.28	W0750411.59	N4231.238	W07504.193

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01763	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ONEONTA, NY	**ELEVATION: 1763 TDZE: 1763** AIRPORT NAME: **ONEONTA MUNI**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUDOV (IAF)	OSIYE (NOPT) (FB)	327.34 / 5.00	4500
CITET (IAF)	OSIYE (NOPT) (FB)	147.22 / 5.00	4500
OSIYE (IF/IAF)	RIYOV (FB)	237.28 / 6.10	3600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 4500 DIRECT WODIT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 057.03 INBOUND.
CHART FAS OBST: 1940 TREE 423214N/0750237W
DISTANCE TO THLD FROM 433 HAT: 1.26 NM.
WAAS CHANNEL # 70409
REFERENCE PATH ID: W24A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE OSIYE, RT, 237.28 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 237.22 FAF: RIYOV DIST FAF TO MAP: 5.60 THLD: 5.60
4. MIN. ALT: OSIYE 4500, RIYOV 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: RIYOV OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 13W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2191	1 1/2	433	2191	1 1/2	433		NA			NA				
LNAV/VNAV DA	2258	1 3/4	500	2258	1 3/4	500		NA			NA				
LNAV MDA	2300	1	542	2300	1	542		NA			NA				
CIRCLING	2340	1	577	2380	1	617		NA			NA				

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: BARO-VNAV NA WHEN USING BINGHAMTON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ONEONTA, NY	ELEVATION: 1763 TDZE: 1758 AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 24, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED

QUALITY 5 ONEONTA

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet. MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL DA 122 FEET ALL MDA 140 FEET, AND INCREASE LPV AND LNAV/VNAV VISIBILITIES 1/2 MILE ALL CATS, AND CIRCLING VISIBILITY CAT B 1/4 MILE.

TAA

	FROM	TO	ALT
1.	147/30 CW 327/30 (NOPT)	147/10 CW 327/10 (FB)	5100
2.	147/10 CW 327/10	OSIYE (IF/IAF) (FB)	4500
3.	327/30 CW 057/30	JUDOV (IAF) (FB)	5300
4.	057/30 CW 147/30	CITET (IAF) (FB)	4600

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	**ELEVATION: 1763 TDZE: 1758** AIRPORT NAME: **ONEONTA MUNI**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY 5 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	N66
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	423144.0250N
LTP/FTP LONGITUDE	0750332.5375W
LTP/FTP ELLIPSOIDAL HEIGHT	+05024
FPAP LATITUDE	423040.0800N
FPAP LONGITUDE	0750456.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	ADCE0983

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05334
FPAP ORTHOMETRIC HEIGHT	+05334

CITY AND STATE	ELEVATION: 1763 TDZE: 1758	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 24, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED 5

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CITET K60    W     N42433668W074572104                    W0135     NAR          CITET
          SUSAEAENRT   JUDOV K60    W     N42363765W074473877                    W0135     NAR          JUDOV
          SUSAEAENRT   OSIYE K60    W     N42400727W074522963                    W0135     NAR          OSIYE
          SUSAEAENRT   RIYOV K60    W     N42354487W074581583                    W0135     NAR          RIYOV
          SUSAEAENRT   WODIT K60    W     N42225333W075150684                    W0129     NAR          WODIT

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP N66 K6AN66     0     042YHN42312920W075035210W013001763        1800018000C    MNAR    ONEONTA MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP N66 K6FR24   ACITET 010CITETK6EA0E  A    IF                                          18000                A JS
          SUSAP N66 K6FR24   ACITET 020OSIYEK6EA0EE   010TF                    14720050    + 04500                      A JS
          SUSAP N66 K6FR24   AJUDOV 010JUDOVK6EA0E  A    IF                                          18000                A JS
          SUSAP N66 K6FR24   AJUDOV 020OSIYEK6EA0EE   010TF                    32730050    + 04500                      A JS
          SUSAP N66 K6FR24   AOSIYE 010OSIYEK6EA0EE CR   HF                    23730040    + 04500     18000            A JS
          SUSAP N66 K6FR24   R      010OSIYEK6EA0E  I    IF                                + 04500     18000            A JS
          SUSAP N66 K6FR24   R      020RIYOVK6EA1E  F 051TF                    23730061    + 03600                      A JS
          SUSAP N66 K6FR24   R      020RIYOVK6EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP N66 K6FR24   R      030RW24 K6PG0GY M 031TF                    23720056      01790          -300        A JS
          SUSAP N66 K6FR24   R      040WODITK6EA0EYM     DF                                + 04500                      A JS
          SUSAP N66 K6FR24   R      050WODITK6EA0EE HL020HM                    05700050    + 04500                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP N66 K6GRW24    0041982372 N42314403W075033254+0300    +0502401750000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP N66 K6PR24   RW24 001 0000W24A0N4231440250W07503325375+050240300N4230400800W075045647001067514720004 00F400500ADCE0983
          SUSAP N66 K6PR24   RW24 002E      +05334+05334LPV       70409          000
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CITY AND STATE	ELEVATION: 1763 TDZE: 1758	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 24, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

CITY AND STATE	ELEVATION: 1763 TDZE: 1758	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 24, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CITET	CITET	010	IAF	IF		FB				
	CITET	OSIYE	020		TF		FB	1.0	147.2(134T)	005.0	04500
	JUDOV	JUDOV	010	IAF	IF		FB				
	JUDOV	OSIYE	020		TF		FB	1.0	327.3(314T)	005.0	04500
	OSIYE	OSIYE	010		HF	R	FB		237.3(224T)	005.0	04500
		OSIYE	010	FACF	IF		FB				04500
		RIYOV	020	FAF	TF		FB	0.5	237.3(224T)	006.1	03600
		RW24	030	MAP	TF		FO	0.3	237.2(224T)	005.6	01790

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WODIT	040		DF		FO				04500
	WODIT	050		HM	L	FO	2.0	057.0(044T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CITET	N424336.68	W0745721.04	N4243.611	W07457.351
	JUDOV	N423637.65	W0744738.77	N4236.628	W07447.646
	OSIYE	N424007.27	W0745229.63	N4240.121	W07452.494
	RIYOV	N423544.87	W0745815.83	N4235.748	W07458.264
	WODIT	N422253.33	W0751506.84	N4222.889	W07515.114
	RW24	N423144.03	W0750332.54	N4231.734	W07503.542

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	01750	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ONEONTA, NY	ELEVATION: 1763 TDZE: 1758 AIRPORT NAME: ONEONTA MUNI	RNAV	RNAV (GPS) RWY 24, ORIG 25 SEP 2008	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OXFOR INT (IF/IAF)	RKA VOR/DME (NOPT)	076.42 / 14.17	4400

MISSED APPROACH

MAP: 8.19 MILES AFTER RKA VOR/DME

CLIMBING LEFT TURN TO 4400 DIRECT RKA VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 076.42 INBOUND.
CHART FAS OBST: 2064 ANT ON OL MCWV TWR
422956N/0750424W
2239 AAO 422759N/0751419W
RKA VOR/DME TO RW6: 2.97/55

1. PT L SIDE OF COURSE 257.52 OUTBOUND 4400 FT WITHIN 10 MILES OF RKA VOR/DME (IAF)
2.
3. FAC 077.52 FAF RKA VOR/DME DIST FAF TO MAP 8.19 THLD 8.19
4. MIN. ALT RKA VOR/DME 4400
8. MSA FROM: RKA VOR/DME 100-190 4600, 190-100 4000

MAG VAR: 11W EPOCH YEAR:1965

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-6	2440	1	677	2440	1	677		NA			NA				
CIRCLING	2440	1	677	2440	1	677		NA			NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, AND S-6 CAT B AND CIRCLING VISIBILITY CAT B 1/4 MILE.

CITY AND STATE	ELEVATION: 1763 TDZE: 1763	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ONEONTA, NY	AIRPORT NAME: ONEONTA MUNI	RKA	VOR RWY 6, AMDT 4B 25 SEP 2008	SUP VOR OR GPS RWY 6 AMDT 4A DATE 02/13/1998

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 5 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE SEP 25 2008

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**EZY**	**NDB RWY 17, AMDT 5, 01/18/2007**	AMDT **4A**
				DATE **06/05/2003**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SYO VORTAC	JILAL (FB)	016.36 / 17.93	4000
SERTS	KUDPE (FB)	301.89 / 26.13	4000
ROLLS (IAF)	EHOMO (NOPT) (FB)	142.13 / 7.13	4000
JILAL (IAF)	EHOMO (NOPT) (FB)	084.07 / 5.00	4000
KUDPE (IAF)	EHOMO (NOPT) (FB)	264.19 / 5.00	4000
EHOMO (IF/IAF)	VOLSE (FB)	174.14 / 6.23	3600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT ASAZE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.12 INBOUND.
CHART FAS OBST: 2219 TREE 352946N/0992440W
CHART FAS OBST: 2027 TREE 352623N/0992343W
CHART 2269 TREE 353042.00N/0992453.00W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
WAAS CHANNEL # 82408
REFERENCE PATH ID: W17A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N EHOMO, RT, 174.14 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 174.13 FAF: VOLSE DIST FAF TO MAP: 4.76 THLD: 4.76
4. MIN. ALT: EHOMO 4000, VOLSE 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: VOLSE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW17 4100

MAG VAR: 6E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2263	1	250	2263	1	250	2263	1	250		NA				
LNAV/VNAV DA	2361	1 1/4	348	2361	1 1/4	348	2361	1 1/4	348		NA				
LNAV MDA	2480	1	467	2480	1	467	2480	1 1/4	467		NA				
CIRCLING	2520	1	507	2520	1	507	2520	1 1/2	507		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 01/18/2007

QUALITY 2 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLS VIA V210-507 WEST BOUND AND ARRIVALS AT SYO VORTAC VIA V140 SOUTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **01/18/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352617.5460N
LTP/FTP LONGITUDE	0992339.3230W
LTP/FTP ELLIPSOIDAL HEIGHT	+05863
FPAP LATITUDE	352448.3100N
FPAP LONGITUDE	0992339.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7E46F6AE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06135
FPAP ORTHOMETRIC HEIGHT	+06135

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 01/18/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        SYO   K4011520VTL  N35204258W099380725    N35204258W099380725E010001990      NARSAYRE

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ASAZE K40    W     N35141831W099234127                    E0056     NAR          ASAZE
          SUSAEAENRT   EHOMO K40    W     N35371797W099233744                    E0056     NAR          EHOMO
          SUSAEAENRT   JILAL K40    W     N35371850W099294542                    E0056     NAR          JILAL
          SUSAEAENRT   KUDPE K40    W     N35371713W099172946                    E0056     NAR          KUDPE
          SUSAEAENRT   ROLLS K40    C   B N35432188W099281451                    E0056     NAR          ROLLS
          SUSAEAENRT   SERTS K40    R   L N35211524W098521172                    E0050     NAR          SERTS
          SUSAEAENRT   VOLSE K40    W     N35310383W099233853                    E0056     NAR          VOLSE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KELKK4AELK     0     053YHN35255080W099233940E006002013          1800018000C    MNAR    ELK CITY RGNL BUSINESS

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KELKK4FR17   AEHOMO 010EHOMOK4EA0EE CR   HF                  17410050    + 04000     18000                A JS
          SUSAP KELKK4FR17   AROLLS 010ROLLSK4EA0E  A    IF                                      18000                A JS
          SUSAP KELKK4FR17   AROLLS 020EHOMOK4EA0EE   010TF                  14210071    + 04000                          A JS
          SUSAP KELKK4FR17   ASERTS 010SERTSK4EA0E       IF                                      18000                A JS
          SUSAP KELKK4FR17   ASERTS 020KUDPEK4EA0E  A 020TF                  30190261    + 04000                          A JS
          SUSAP KELKK4FR17   ASERTS 030EHOMOK4EA0EE  L010TFY                 26420050    + 04000                          A JS
          SUSAP KELKK4FR17   ASYO   010SYO  K4D 0V       IF                                      18000                A JS
          SUSAP KELKK4FR17   ASYO   020JILALK4EA0E  A 020TF                  01640179    + 04000                          A JS
          SUSAP KELKK4FR17   ASYO   030EHOMOK4EA0EE  R010TFY                 08410050    + 04000                          A JS
          SUSAP KELKK4FR17   R      010EHOMOK4EA0E  I    IF                             + 04000     18000                A JS
          SUSAP KELKK4FR17   R      020VOLSEK4EA1E  F 051TF                  17410062    + 03600                RW17  K4PGA JS
          SUSAP KELKK4FR17   R      020VOLSEK4EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KELKK4FR17   R      030RW17 K4PG0GY M 031TF                  17410048      02063          -300            A JS
          SUSAP KELKK4FR17   R      040ASAZEK4EA0EYM  010DF                            + 04000                          A JS
          SUSAP KELKK4FR17   R      050ASAZEK4EA0EE HR020HM                  35410050    + 04000                          A JS
```

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 01/18/2007

QUALITY CHECK

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4GRW17    0053991741 N35261755W099233932-0700    +0586302013000050075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4PR17    RW17 001 0000W17A0N3526175460W09923393230+058630300N3524483100W0992339570010675110400050OF4005007E46F6AE
       SUSAP KELKK4PR17    RW17 002E      +06135+06135LPV       82408          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4SRW17 K4PG               0   18018004125                                                              M
```

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 01/18/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EHOMO	EHOMO	010		HF	R	FB		174.1(180T)	005.0	04000
	ROLLS	ROLLS	010	IAF	IF		FB				
	ROLLS	EHOMO	020		TF		FB	1.0	142.1(148T)	007.1	04000
	SERTS	SERTS	010		IF		FB				
	SERTS	KUDPE	020	IAF	TF		FB	2.0	301.9(308T)	026.1	04000
	SERTS	EHOMO	030		TF	L	FB	1.0	264.2(270T)	005.0	04000
	SYO	SYO	010		IF		FB				
	SYO	JILAL	020	IAF	TF		FB	2.0	016.4(022T)	017.9	04000
	SYO	EHOMO	030		TF	R	FB	1.0	084.1(090T)	005.0	04000
		EHOMO	010	FACF	IF		FB				04000
		VOLSE	020	FAF	TF		FB	0.5	174.1(180T)	006.2	03600
		RW17	030	MAP	TF		FO	0.3	174.1(180T)	004.8	02063

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ASAZE	040		DF		FO	1.0			04000
	ASAZE	050		HM	R	FO	2.0	354.1(000T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SYO	N352042.58	W0993807.25	N3520.710	W09938.121
	ASAZE	N351418.31	W0992341.27	N3514.305	W09923.688
	EHOMO	N353717.97	W0992337.44	N3537.300	W09923.624
	JILAL	N353718.50	W0992945.42	N3537.308	W09929.757
	KUDPE	N353717.13	W0991729.46	N3537.286	W09917.491
	ROLLS	N354321.88	W0992814.51	N3543.365	W09928.242
	SERTS	N352115.24	W0985211.72	N3521.254	W09852.195
	VOLSE	N353103.83	W0992338.53	N3531.064	W09923.642
	RW17	N352617.55	W0992339.32	N3526.293	W09923.655

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	02013	50

CITY AND STATE	ELEVATION: 2013 TDZE: 2013	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **01/18/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROLLS	ASAZE (FO)	166.67 / 29.25	4000
SYO VORTAC	IYIBA (FB)	127.08 / 9.34	4000
SERTS	HUGAB (FB)	245.63 / 21.91	4000
LEPIY	HUGAB (FB)	268.43 / 12.32	4000
IYIBA (IAF)	ASAZE (NOPT) (FB)	084.07 / 5.00	4000
HUGAB (IAF)	ASAZE (NOPT) (FB)	264.19 / 5.00	4000
ASAZE (IF/IAF)	PETDO (FB)	354.12 / 6.20	3600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4000 DIRECT EHOMO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.14 INBOUND.
CHART FAS OBST: 2270 TOWER 352257N/0992428W
CHART FAS OBST: 2155 TOWER 352435N/0992431W
CHART 2330 TOWER 352026N/0992401W.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
WAAS CHANNEL # 53508
REFERENCE PATH ID: W35A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ASAZE, RT, 354.12 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 354.13 FAF: PETDO DIST FAF TO MAP: 4.88 THLD: 4.88
4. MIN. ALT: ASAZE 4000, PETDO 3600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: PETDO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4100

MAG VAR: 6E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2234	1	250	2234	1	250	2234	1	250		NA				
LNAV/VNAV DA	2510	2	526	2510	2	526	2510	2	526		NA				
LNAV MDA	2580	1	596	2580	1	596	2580	1 1/2	596		NA				
CIRCLING	2580	1	567	2580	1	567	2580	1 1/2	567		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING CLINTON-SHERMAN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 2013 TDZE: 1984	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 01/18/2007

DUAL. 2 CHECK

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SYO VORTAC VIA V140 SOUTHWEST BOUND
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLINTON-SHERMAN ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 2013 TDZE: 1984 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	**ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **01/18/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	352524.1475N
LTP/FTP LONGITUDE	0992339.4710W
LTP/FTP ELLIPSOIDAL HEIGHT	+05746
FPAP LATITUDE	352653.3900N
FPAP LONGITUDE	0992339.2200W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6DBDB7ED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+06018
FPAP ORTHOMETRIC HEIGHT	+06018

CITY AND STATE	ELEVATION: 2013 TDZE: 1984	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: ELK CITY RGNL BUSINESS	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 01/18/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SYO    K4011520VTL  N35204258W099380725    N35204258W099380725E010001990      NARSAYRE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASAZE K40    W     N35141831W099234127                    E0056     NAR          ASAZE
        SUSAEAENRT   EHOMO K40    W     N35371797W099233744                    E0056     NAR          EHOMO
        SUSAEAENRT   HUGAB K40    W     N35141747W099173503                    E0056     NAR          HUGAB
        SUSAEAENRT   IYIBA K40    W     N35141884W099294751                    E0056     NAR          IYIBA
        SUSAEAENRT   LEPIY K40    W   L N35132120W099023550                    E0056     NAR          LEPIY
        SUSAEAENRT   PETDO K40    W     N35203081W099234028                    E0056     NAR          PETDO
        SUSAEAENRT   ROLLS K40    C   B N35432188W099281451                    E0056     NAR          ROLLS
        SUSAEAENRT   SERTS K40    R   L N35211524W098521172                    E0050     NAR          SERTS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELKK4AELK     0     053YHN35255080W099233940E006002013        1800018000C    MNAR    ELK CITY RGNL BUSINESS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELKK4FR35   ALEPIY 010LEPIYK4EA0E       IF                                          18000              A JS
        SUSAP KELKK4FR35   ALEPIY 020HUGABK4EA0E  A 020TF                  26840123    + 04000                       A JS
        SUSAP KELKK4FR35   ALEPIY 030ASAZEK4EA0EE  L010TFY                 26420050    + 04000                       A JS
        SUSAP KELKK4FR35   AROLLS 010ROLLSK4EA0E       IF                                          18000              A JS
        SUSAP KELKK4FR35   AROLLS 020ASAZEK4EA0EY A 020TF                  16670293    + 04000                       A JS
        SUSAP KELKK4FR35   AROLLS 030ASAZEK4EA0EB CR   HF                  35410050    + 04000                       A JS
        SUSAP KELKK4FR35   ASERTS 010SERTSK4EA0E       IF                                          18000              A JS
        SUSAP KELKK4FR35   ASERTS 020HUGABK4EA0E  A 020TF                  24560219    + 04000                       A JS
        SUSAP KELKK4FR35   ASERTS 030ASAZEK4EA0EE  R010TFY                 26420050    + 04000                       A JS
        SUSAP KELKK4FR35   ASYO   010SYO  K4D 0V       IF                                          18000              A JS
        SUSAP KELKK4FR35   ASYO   020IYIBAK4EA0E  A 020TF                  12710093    + 04000                       A JS
        SUSAP KELKK4FR35   ASYO   030ASAZEK4EA0EE   010TF                  08410050    + 04000                       A JS
        SUSAP KELKK4FR35   R      010ASAZEK4EA0E  I    IF                             + 04000     18000              A JS
        SUSAP KELKK4FR35   R      020PETDOK4EA1E  F 051TF                  35410062    + 03600                RW35  K4PGA JS
```

CITY AND STATE	ELEVATION: 2013 TDZE: 1984	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **01/18/2007**

```
SUSAP KELKK4FR35   R      020PETDOK4EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
SUSAP KELKK4FR35   R      030RW35 K4PG0GY M 031TF                      35410049      02024            -300          A JS
SUSAP KELKK4FR35   R      040EHOMOK4EA0EYM  010DF                                   + 04000                        A JS
SUSAP KELKK4FR35   R      050EHOMOK4EA0EE HR020HM                      17410050      + 04000                        A JS
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4GRW35    0053993541 N35252415W099233947+0700    +057460197400005007 5R
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4PR35   RW35 001 0000W35A0N3525241475W09923394710+057460300N3526533900W099233922001067511040005 00F4005006DBDB7ED
       SUSAP KELKK4PR35   RW35 002E      +06018+06018LPV       53508          000
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELKK4SRW35 K4PG               0   18018004125                                                            M
```

CITY AND STATE	ELEVATION: 2013 TDZE: 1984	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELK CITY, OK	AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED: **01/18/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LEPIY	LEPIY	010		IF		FB				
	LEPIY	HUGAB	020	IAF	TF		FB	2.0	268.4(274T)	012.3	04000
	LEPIY	ASAZE	030		TF	L	FB	1.0	264.2(270T)	005.0	04000
	ROLLS	ROLLS	010		IF		FB				
	ROLLS	ASAZE	020	IAF	TF		FO	2.0	166.7(173T)	029.3	04000
	ROLLS	ASAZE	030		HF	R	FO		354.1(000T)	005.0	04000
	SERTS	SERTS	010		IF		FB				
	SERTS	HUGAB	020	IAF	TF		FB	2.0	245.6(252T)	021.9	04000
	SERTS	ASAZE	030		TF	R	FB	1.0	264.2(270T)	005.0	04000
	SYO	SYO	010		IF		FB				
	SYO	IYIBA	020	IAF	TF		FB	2.0	127.1(133T)	009.3	04000
	SYO	ASAZE	030		TF		FB	1.0	084.1(090T)	005.0	04000
		ASAZE	010	FACF	IF		FB				04000
		PETDO	020	FAF	TF		FB	0.5	354.1(000T)	006.2	03600
		RW35	030	MAP	TF		FO	0.3	354.1(000T)	004.9	02024
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		EHOMO	040		DF		FO	1.0			04000
		EHOMO	050		HM	R	FO	2.0	174.1(180T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SYO	N352042.58	W0993807.25	N3520.710	W09938.121
	ASAZE	N351418.31	W0992341.27	N3514.305	W09923.688
	EHOMO	N353717.97	W0992337.44	N3537.300	W09923.624
	HUGAB	N351417.47	W0991735.03	N3514.291	W09917.584
	IYIBA	N351418.84	W0992947.51	N3514.314	W09929.792
	LEPIY	N351321.20	W0990235.50	N3513.353	W09902.592
	PETDO	N352030.81	W0992340.28	N3520.514	W09923.671
	ROLLS	N354321.88	W0992814.51	N3543.365	W09928.242
	SERTS	N352115.24	W0985211.72	N3521.254	W09852.195
	RW35	N352524.15	W0992339.47	N3525.403	W09923.658

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01974	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ELK CITY, OK	**ELEVATION: 2013 TDZE: 1984** AIRPORT NAME: **ELK CITY RGNL BUSINESS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **01/18/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UBG VOR/DME	OZIER INT/UBG 4.41 DME	111.12 / 4.41	3800
BTG VORTAC (IAF)	TOCBU INT/BTG 24.76 DME (NOPT)	185.22 / 24.76	3100
TOCBU INT/BTG 24.76 DME	OZIER INT/UBG 4.41 DME	185.22 / 4.90 (BATTLE GROUND R-185)	2900
RAWER INT (IAF)	OZIER INT/UBG 4.41 DME (NOPT)	291.12 / 6.10 (UBG R-111)	2900
OZIER INT/UBG 4.41 DME (IF/IAF)	UNECE INT	218.20 / 2.54 (I-MMV)	2500
UNECE INT	LIYEV INT	218.20 / 3.81 (I-MMV)	1900

MISSED APPROACH

ILS: DA
LOC: 5.21 MILES AFTER LIYEV INT

CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 069 AND UBG VOR/DME R-204 TO LUSEY/UBG VOR/DME 6.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 024.04 INBOUND.
CHART FAS OBST: 539 TREE 451455N/1230327W
CHART BTG VORTAC 29.66 DME AT OZIER.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE OZIER, RT, 218.20 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 218.20 FAF: LIYEV INT DIST FAF TO MAP: 5.21 THLD: 5.21
4. MIN. ALT: OZIER 2900, UNECE 2500, LIYEV 1900
5. DIST TO THLD FROM OM: 5.21 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1049
6. MIN GS INCPT: 1900 GS ALT AT: LIYEV INT 1900 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.6
8. MSA FROM: UBG VOR/DME 350-080 3100, 080-170 3600, 170-350 4800

MAG VAR: 19E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22	361	1/2	200	361	1/2	200	361	1/2	200	361	1/2	200			
S-LOC 22	600	1/2	439	600	1/2	439	600	3/4	439	600	1	439			
CIRCLING	640	1	477	640	1	477	760	1 1/2	597	880	2 1/4	717			

NOTES:
CHART NOTE: DME REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA STATE ALTIMETER SETTING AND INCREASE ALL DA AND MDA 60 FEET. INCREASE ALL VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BTG VORTAC AIRWAY RADIALS 160 CW 175.

CAT D 800-2 1/4
@ CAT D 800-2 1/4
# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 163 TDZE: 161 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	MC MINNVILLE MUNI	I-MMV	ILS OR LOC RWY 22, AMDT 4 25 SEP 2008	AMDT: 3C DATED 09/23/1992

FAA FORM 8260 - 3 / December 2002 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

25 SEP 2008

PROCEDURE CANCELED EFFECTIVE ____

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MC MINNVILLE, OR	AIRPORT NAME: **MC MINNVILLE MUNI**	**MMVMM**	**NDB OR GPS RWY 22, AMDT 2, 06/28/1990**	AMDT **1**
				DATE **31 JUL 1986**

FAA FORM 8260-5 / December 2002 (computer generated)

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UBG VOR/DME	PUCIV (FO)	209.21 / 26.90	4900
TIYOT (IAF)	PUCIV (NOPT) (FB)	004.14 / 4.06	4900
CRAAF (IAF)	PUCIV (NOPT) (FB)	327.67 / 18.09	4900
PUCIV (IF/IAF)	RIGOE (FB)	037.98 / 5.00	3400
RIGOE	JODVI (FB)	038.04 / 5.00	1900

MISSED APPROACH

LNAV: VESYU

CLIMBING LEFT TURN TO 4900 DIRECT PUCIV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 284 TREE 451058N/1230931W
JODVI TO RW04: 3.04/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PUCIV, LT, 037.98 INBOUND, 4900 FT. IN LIEU OF PT (IAF)
3. FAC: 038.12 FAF: JODVI DIST FAF TO MAP: 4.77 THLD: 5.26
4. MIN. ALT: PUCIV 4900, RIGOE 3400, JODVI 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: VESYU 4800

MAG VAR: 19E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	580	1	419	580	1	419	580	1 1/4	419	580	1 1/4	419			
CIRCLING	640	1	477	640	1	477	760	1 1/2	597	880	2 1/4	717			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UBG VOR/DME VIA V495 NORTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA STATE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND ALL VISIBILITY 1/4 MILE.

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 4, ORIG 25 SEP 2008	AMDT: NONE
				DATED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC PACKET - 424-18

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        UBG    K1011740VDHA N45211162W122584137    N45211162W122584137E021001440      NARNEWBERG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CRAAF K10    R   L N44453717W123210590                    E0162     NAR           CRAAF
        SUSAEAENRT   JODVI K10    W     N45083920W123150814                    E0165     NAR           JODVI
        SUSAEAENRT   PUCIV K10    W     N45031286W123265890                    E0165     NAR           PUCIV
        SUSAEAENRT   RIGOE K10    W     N45055618W123210380                    E0165     NAR           RIGOE
        SUSAEAENRT   TIYOT K10    W   L N44592908W123291381                    E0162     NAR           TIYOT
        SUSAEAENRT   VESYU K10    W     N45111427W123092865                    E0165     NAR           VESYU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMMVK1AMMV     0     054YHN45114000W123080940E019000163        1800018000C    MNAR    MC MINNVILLE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMMVK1FR04   ACRAAF 010CRAAFK1EA0E  A    IF                                                18000                B JS
        SUSAP KMMVK1FR04   ACRAAF 020PUCIVK1EA0EE   010TF                    32770181    + 04900                              B JS
        SUSAP KMMVK1FR04   ATIYOT 010TIYOTK1EA0E  A    IF                                                18000                B JS
        SUSAP KMMVK1FR04   ATIYOT 020PUCIVK1EA0EE   010TF                    00410041    + 04900                              B JS
        SUSAP KMMVK1FR04   AUBG   010UBG  K1D 0V       IF                                                18000                B JS
        SUSAP KMMVK1FR04   AUBG   020PUCIVK1EA0EY A 020TF                    20920269    + 04900                              B JS
        SUSAP KMMVK1FR04   AUBG   030PUCIVK1EA0EB CL   HF                    03800050    + 04900                              B JS
        SUSAP KMMVK1FR04   R      010PUCIVK1EA0E  I    IF                                + 04900    18000                     B JS
        SUSAP KMMVK1FR04   R      011RIGOEK1EA0E S  051TF                    03800050    + 03400                              B JS
        SUSAP KMMVK1FR04   R      020JODVIK1EA1E  F 051TF                    03800050    + 01900                VESYU K1EAB JS
        SUSAP KMMVK1FR04   R      020JODVIK1EA2WN          N          ALNAV                                                    JS
        SUSAP KMMVK1FR04   R      030VESYUK1EA0EY M 031TF                    03810053      00374          -304                B JS
        SUSAP KMMVK1FR04   R      040PUCIVK1EA0EYM L010DF                               + 04900                              B JS
        SUSAP KMMVK1FR04   R      050PUCIVK1EA0EE HL020HM                    03810050    + 04900                              B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
```

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: **MC MINNVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 4, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMMVK1GRW04     0054200382 N45113032W123085345+0000     +0026700161000040150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMMVK1SVESYUK1EA               0   18018004825                                                                M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MC MINNVILLE, OR	ELEVATION: 163 TDZE: 161 AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 4, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CRAAF	CRAAF	010	IAF	IF		FB				
	CRAAF	PUCIV	020		TF		FB	1.0	327.7(347T)	018.1	04900
	TIYOT	TIYOT	010	IAF	IF		FB				
	TIYOT	PUCIV	020		TF		FB	1.0	004.1(023T)	004.1	04900
	UBG	UBG	010		IF		FB				
	UBG	PUCIV	020	IAF	TF		FO	2.0	209.2(228T)	026.9	04900
	UBG	PUCIV	030		HF	L	FO		038.0(057T)	005.0	04900
		PUCIV	010	FACF	IF		FB				04900
		RIGOE	011	SDF	TF		FB	0.5	038.0(057T)	005.0	03400
		JODVI	020	FAF	TF		FB	0.5	038.0(057T)	005.0	01900
		VESYU	030	MAP	TF		FO	0.3	038.1(057T)	005.3	00374

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PUCIV	040		DF	L	FO	1.0			04900
	PUCIV	050		HM	L	FO	2.0	038.1(057T)	005.0	04900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	UBG	N452111.62	W1225841.37	N4521.194	W12258.690
	CRAAF	N444537.17	W1232105.90	N4445.620	W12321.098
	JODVI	N450839.20	W1231508.14	N4508.653	W12315.136
	PUCIV	N450312.86	W1232658.90	N4503.214	W12326.982
	RIGOE	N450556.18	W1232103.80	N4505.936	W12321.063
	TIYOT	N445929.08	W1232913.81	N4459.485	W12329.230
	VESYU	N451114.27	W1230928.65	N4511.238	W12309.478
	RW04	N451130.32	W1230853.45	N4511.505	W12308.891

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00161	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	**ELEVATION: 163 TDZE: 161** AIRPORT NAME: **MC MINNVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 4, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UBG VOR/DME	OZIER (FO)	113.12 / 4.41	3800
BTG VORTAC (IAF)	TOCBU (NOPT) (FB)	187.22 / 24.76	3100
TOCBU	OZIER (FB)	187.03 / 4.90	2900
RAWER (IAF)	OZIER (NOPT) (FB)	293.25 / 6.10	2900
OZIER (IF/IAF)	UNECE (FB)	218.36 / 2.54	2500
UNECE	LIYEV (FB)	218.33 / 3.81	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 4900 DIRECT OVUGE THEN VIA 218.16 TRACK TO PUCIV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 037.98 INBOUND.
CHART FAS OBST: 339 TREE 451243N/1230651W
CHART 1019 TREE 451602N/1230331W.
DISTANCE TO THLD FROM 313 HAT: 0.81 NM.
CHART VDP AT 1.65 MILES TO RW22* *LNAV ONLY.
WAAS CHANNEL # 50309
REFERENCE PATH ID: W22A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE OZIER, RT, 218.36 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 218.27 FAF: LIYEV DIST FAF TO MAP: 5.21 THLD: 5.21
4. MIN. ALT: OZIER 2900, UNECE 2500, LIYEV 1900, KIGKE/2.80 NM TO RW22 1100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: LIYEV 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.6 34:1 IS CLEAR
8. MSA FROM: RW22 4800

MAG VAR: 19E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	474	1/2	313	474	1/2	313	474	1/2	313	474	1/2	313			
LNAV/VNAV DA	633	1 1/4	472	633	1 1/4	472	633	1 1/4	472	633	1 1/4	472			
LNAV MDA	740	1/2	579	740	1/2	579	740	1	579	740	1 1/4	579			
CIRCLING	740	1	577	740	1	577	760	1 1/2	597	880	2 1/4	717			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1.
CHART NOTE: BARO-VNAV NA WHEN USING AURORA STATE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 22, ORIG 25 SEP 2008	AMDT: NONE
				DATED

CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UBG VOR/DME VIA V500 WESTBOUND AND ARRIVALS ON BTG VORTAC AIRWAY RADIALS 160 CW 194.
***LNAV ONLY**
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING AURORA STATE ALTIMETER SETTING INCREASE LPV VISIBILITY ALL CATS TO 1 1/4.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA STATE ALTIMETER SETTING AND INCREASE ALL DA AND MDA 60 FEET, INCREASE ALL VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING AURORA STATE ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	**ELEVATION: 163 TDZE: 161** AIRPORT NAME: **MC MINNVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMMV
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	451159.3100N
LTP/FTP LONGITUDE	1230749.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	+00266
FPAP LATITUDE	451130.0500N
FPAP LONGITUDE	1230854.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00056.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	103.25
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B85F00F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00489
FPAP ORTHOMETRIC HEIGHT	+00489

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 22, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        BTG   K1011660VTHW N45445212W122352953    N45445163W122353227E021000253      NARBATTLE GROUND
          SUSAD        UBG   K1011740VDHA N45211162W122584137    N45211162W122584137E021001440      NARNEWBERG

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   KIGKE K10    W     N45133026W123043004                E0165     NAR          KIGKE
          SUSAEAENRT   LIYEV K10    C     N45144843W123013798                E0165     NAR          LIYEV
          SUSAEAENRT   OVUGE K10    W     N45101971W123112823                E0165     NAR          OVUGE
          SUSAEAENRT   OZIER K10    C     N45181427W122540356                E0163     NAR          OZIER
          SUSAEAENRT   PUCIV K10    W     N45031286W123265890                E0165     NAR          PUCIV
          SUSAEAENRT   RAWER K10    C   L N45140832W122473954                E0163     NAR          RAWER
          SUSAEAENRT   TOCBU K10    C     N45223853W122510073                E0163     NAR          TOCBU
          SUSAEAENRT   UNECE K10    C     N45165191W122570563                E0163     NAR          UNECE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMMVK1AMMV      0      054YHN45114000W123080940E019000163          1800018000C     MNAR     MC MINNVILLE MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KMMVK1FR22   ABTG    010BTG  K1D 0V  A    IF                                          18000                A JS
          SUSAP KMMVK1FR22   ABTG    011TOCBUK1EA0E    020TF                  18720248    + 03100                          A JS
          SUSAP KMMVK1FR22   ABTG    020OZIERK1EA0EE   010TF                  18700049    + 02900                          A JS
          SUSAP KMMVK1FR22   ARAWER  010RAWERK1EA0E  A    IF                                          18000                A JS
          SUSAP KMMVK1FR22   ARAWER  020OZIERK1EA0EE   010TF                  29330061    + 02900                          A JS
          SUSAP KMMVK1FR22   AUBG    010UBG  K1D 0V       IF                                          18000                A JS
          SUSAP KMMVK1FR22   AUBG    020OZIERK1EA0EY A 020TF                  11310044    + 03800                          A JS
          SUSAP KMMVK1FR22   AUBG    030OZIERK1EA0EB CR   HF                  21840040    + 02900                          A JS
          SUSAP KMMVK1FR22   R       010OZIERK1EA0E  I    IF                              + 02900     18000                A JS
          SUSAP KMMVK1FR22   R       011UNECEK1EA0E S  051TF                  21840025    + 02500                          A JS
          SUSAP KMMVK1FR22   R       020LIYEVK1EA1E  F 051TF                  21830038    + 01900                RW22  K1PGA JS
          SUSAP KMMVK1FR22   R       020LIYEVK1EA2WALPV       ALNAV/VNAV ALNAV                                             JS
          SUSAP KMMVK1FR22   R       021KIGKEK1EA0E S  031TF                  21830024    V 0110001117       -300          A JS
```

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 22, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KMMVK1FR22   R      030RW22 K1PG0GY M 031TF                  21830028      00218            -300          A JS
SUSAP KMMVK1FR22   R      040OVUGEK1EA0E M  010DF                                + 04900                        A JS
SUSAP KMMVK1FR22   R      050PUCIVK1EA0EY   010TF                  2182          + 04900                        A JS
SUSAP KMMVK1FR22   R      060PUCIVK1EA0EE HL020HM                  03800050      + 04900                        A JS
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMMVK1GRW22    0054202182 N45115931W123074984+0000    +0026600161000057150I
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMMVK1PR22   RW22 001 0000W22A0N4511593100W123074984C0+002660300N4511300500W123085403001032500160005 66F400500B85F00F0
       SUSAP KMMVK1PR22   RW22 002E      +00489+00489LPV       50309          000
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KMMVK1SRW22 K1PG               0   18018004825                                                              M
```

CITY AND STATE	ELEVATION: 163 TDZE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MC MINNVILLE, OR	AIRPORT NAME: MC MINNVILLE MUNI	RNAV	RNAV (GPS) RWY 22, ORIG	AMDT: NONE
			25 SEP 2008	DATED:

QUALITY

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BTG	BTG	010	IAF	IF		FB				
	BTG	TOCBU	011		TF		FB	2.0	187.2(206T)	024.8	03100
	BTG	OZIER	020		TF		FB	1.0	187.0(206T)	004.9	02900
	RAWER	RAWER	010	IAF	IF		FB				
	RAWER	OZIER	020		TF		FB	1.0	293.3(312T)	006.1	02900
	UBG	UBG	010		IF		FB				
	UBG	OZIER	020	IAF	TF		FO	2.0	113.1(132T)	004.4	03800
	UBG	OZIER	030		HF	R	FO		218.4(237T)	004.0	02900
		OZIER	010	FACF	IF		FB				02900
		UNECE	011	SDF	TF		FB	0.5	218.4(237T)	002.5	02500
		LIYEV	020	FAF	TF		FB	0.5	218.3(237T)	003.8	01900
		KIGKE	021	SDF	TF		FB	0.3	218.3(237T)	002.4	01100
		RW22	030	MAP	TF		FO	0.3	218.3(237T)	002.8	00218

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OVUGE	040		DF		FB	1.0			04900
	PUCIV	050		TF		FO	1.0	218.2(237T)		04900
	PUCIV	060		HM	L	FO	2.0	038.0(057T)	005.0	04900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTG	N454452.12	W1223529.53	N4544.869	W12235.492
	UBG	N452111.62	W1225841.37	N4521.194	W12258.690
	KIGKE	N451330.26	W1230430.04	N4513.504	W12304.501
	LIYEV	N451448.43	W1230137.98	N4514.807	W12301.633
	OVUGE	N451019.71	W1231128.23	N4510.329	W12311.471
	OZIER	N451814.27	W1225403.56	N4518.238	W12254.059
	PUCIV	N450312.86	W1232658.90	N4503.214	W12326.982
	RAWER	N451408.32	W1224739.54	N4514.139	W12247.659
	TOCBU	N452238.53	W1225100.73	N4522.642	W12251.012
	UNECE	N451651.91	W1225705.63	N4516.865	W12257.094
	RW22	N451159.31	W1230749.84	N4511.989	W12307.831

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00161	57

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MC MINNVILLE, OR	**ELEVATION: 163 TDZE: 161** AIRPORT NAME: **MC MINNVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM: ____

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE	ELEVATION: 1203 TDZE: 1174	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	I-HFE	CONVERGING ILS RWY 28R, AMDT 3A, 06/10/2004	AMDT: 3
				DATED 9 SEP 03

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2.
3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT:
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT:
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1123** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**I-TQW**	**CONVERGING ILS RWY 32, AMDT 4A, 07/05/2007**	AMDT: 4 DATED 9 SEP 03

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AGC VOR/DME (IAF)	WYLER INT/MMJ 8.88 DME/RADAR	354.91 / 5.84	4000*
GRUNZ/MMJ 17.03 DME/RADAR (IAF)	WYLER INT/MMJ 8.88 DME/RADAR	324.40 / 8.16 (I-TQW)	4000*
WYLER INT/MMJ 8.88 DME/RADAR (IF)	TRINY INT/RADAR	324.40 / 4.71 (I-TQW)	2500

MISSED APPROACH

ILS: DA
LOC: 4.13 MILES AFTER TRINY INT/RADAR

CLIMB TO 4000 VIA HEADING 324 AND EWC VORTAC R-193 TO EWC VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1800 VIA HEADING 324 THEN CLIMBING RIGHT TURN TO 5000 VIA HEADING 122 AND MMJ R-096 TO KERRS INT/MMJ 9.95 DME AND HOLD E, RT, 279.96 INBOUND. CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.00 INBOUND.
FAS OBST: 1290 TWR 402603N/0800753W
CHART IN PLANVIEW: KERRS INT/9.95 DME.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT GRUNZ
3. FAC: 324.40 FAF: TRINY INT/RADAR DIST FAF TO MAP: 4.13 THLD: 4.13
4. MIN. ALT: GRUNZ 6000*, WYLER 4000*, TRINY 2500
5. DIST TO THLD FROM OM: 4.13 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 2500 GS ALT AT: TRINY INT/RADAR 2500 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.4
8. MSA FROM: MMJ VORTAC 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 32	1323	4000	200	1323	4000	200	1323	4000	200	1323	4000	200			
S-LOC 32	1600	4000	477	1600	4000	477	1600	4000	477	1600	5000	477			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 32 CAT A, B VISIBILITY TO RVR 5000.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 32.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*WHEN ASSIGNED BY ATC INTERCEPT GLIDEPATH AT 3000.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1123 AIRPORT NAME: PITTSBURGH INTERNATIONAL	I-TQW	ILS OR LOC RWY 32, AMDT 12 25 SEP 2008	SUP: ILS RWY 32 AMDT: 11A DATED 03/15/2007

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AGC VOR/DME	NIMMS (FB)	307.62 / 26.67	4000
CUTTA (IAF)	NIMMS (NOPT) (FB)	177.07 / 23.14	4000**
WISKE (IAF)	NIMMS (NOPT) (FB)	022.94 / 22.85	4000##
NIMMS (IF/IAF)	PLAZE (FB)	099.77 / 4.10	4000**
PLAZE	FORMM (FB)	099.84 / 4.10	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW10C

CLIMB TO 4000 DIRECT GUBLE AND RIGHT TURN VIA 168.51 TRACK TO AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 327.16 INBOUND.
CHART FAS OBST: 1319 TREE 402948N/0801623W, 1399 TREE 402948N/0801658W
DISTANCE TO THLD FROM 297 HAT: 0.77 NM.
CHART VDP AT 1.47 MILES TO RW10C* *LNAV ONLY.
WAAS CHANNEL # 90126
REFERENCE PATH ID: W10A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W NIMMS, RT, 099.77 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 099.87 FAF: FORMM DIST FAF TO MAP: 5.59 THLD: 5.59
4. MIN. ALT: NIMMS 4000**, PLAZE 4000**, FORMM 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: FORMM OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.1 34:1 IS CLEAR
8. MSA FROM: RW10C 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1438	5000	297	1438	5000	297	1438	5000	297	1438	5000	297			
LNAV/VNAV DA	1634	1 3/4	493	1634	1 3/4	493	1634	1 3/4	493	1634	1 3/4	493			
LNAV MDA	1660	5000	519	1660	5000	519	1660	1 1/2	519	1660	1 3/4	519			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: ##3100 WHEN AUTHORIZED BY ATC.
CHART PROFILE AND PLANVIEW NOTE: **3000 WHEN AUTHORIZED BY ATC.

CITY AND STATE	ELEVATION: 1203 TDZE: 1141	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 10C
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10C, AMDT 4 25 SEP 2008	AMDT: 3A
				DATED 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW10C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	402923.5415N
LTP/FTP LONGITUDE	0801446.5355W
LTP/FTP ELLIPSOIDAL HEIGHT	+03137
FPAP LATITUDE	402920.2500N
FPAP LONGITUDE	0801240.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00051.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0F29DC87

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03478
FPAP ORTHOMETRIC HEIGHT	+03478

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        AGC   K6011000VDLA N40164315W080022709    N40164315W080022709W009001289      NARALLEGHENY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CUTTA K50    C   L N40523451W080383565                    W0089     NAR          CUTTA
          SUSAEAENRT   FORMM K60    W     N40293473W080220590                    W0089     NAR          FORMM
          SUSAEAENRT   GUBLE K60    W     N40291310W080081356                    W0089     NAR          GUBLE
          SUSAEAENRT   NIMMS K60    W     N40295046W080325050                    W0089     NAR          NIMMS
          SUSAEAENRT   PLAZE K60    W     N40294275W080272822                    W0089     NAR          PLAZE
          SUSAEAENRT   WISKE K60    C   L N40074489W080403394                    W0089     NAR          WISKE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203         1800018000C    MNAR    PITTSBURGH INTERNATIONAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6FR10CY AAGC   010AGC  K6D 0V       IF                                          18000                A JS
          SUSAP KPITK6FR10CY AAGC   020NIMMSK6EA0E  A 020TF                    30760267    + 04000                      A JS
          SUSAP KPITK6FR10CY AAGC   030NIMMSK6EA0EB CR   HF                    09980040    + 04000                      A JS
          SUSAP KPITK6FR10CY ACUTTA 010CUTTAK5EA0E  A    IF                                 A        18000                A JS
          SUSAP KPITK6FR10CY ACUTTA 020NIMMSK6EA0EE   010TF                    17710231    +A04000                      A JS
          SUSAP KPITK6FR10CY AWISKE 010WISKEK6EA0E  A    IF                                 A        18000                A JS
          SUSAP KPITK6FR10CY AWISKE 020NIMMSK6EA0EE   010TF                    02290229    +A04000                      A JS
          SUSAP KPITK6FR10CY R      010NIMMSK6EA0E  I    IF                               + 04000    18000                A JS
          SUSAP KPITK6FR10CY R      011PLAZEK6EA0E S  051TF                    09980041    + 04000                      A JS
          SUSAP KPITK6FR10CY R      020FORMMK6EA1E  F 051TF                    09980041    + 03000              RW10C K6PGA JS
          SUSAP KPITK6FR10CY R      020FORMMK6EA2WALPV       ALNAV/VNAV ALNAV                                            JS
          SUSAP KPITK6FR10CY R      030RW10CK6PG0GY M 031TF                    09990056      01192          -300         A JS
          SUSAP KPITK6FR10CY R      040GUBLEK6EA0E M  010DF                                                           A JS
          SUSAP KPITK6FR10CY R      050AGC  K6D 0VY  R010TFY                   1685        + 04000                      A JS
          SUSAP KPITK6FR10CY R      060AGC  K6D 0VE HR020HM                    32720050    + 04000                      A JS
```

CITY AND STATE	ELEVATION: 1203 TDZE: 1141	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 10C
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10C, AMDT 4 25 SEP 2008	AMDT: 3A
				DATED: 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6GRW10C   0097091000 N40292354W080144654-0100    +0313701141000051150R
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6PR10CY RW10C001Y0000W10A0N4029235415W08014465355+031370300N4029202500W080124096001067500000000511F4005000F29DC87
          SUSAP KPITK6PR10CY RW10C002E      +03478+03478LPV       90126          000
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6SRW10CK6PG              0   18018003125                                                                M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1141** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 10C, AMDT 4** 25 SEP 2008	SUP: **RNAV (GPS) RWY 10C** AMDT: **3A** DATED: **09/28/2006**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AGC	AGC	010		IF		FB				
	AGC	NIMMS	020	IAF	TF		FB	2.0	307.6(300T)	026.7	04000
	AGC	NIMMS	030		HF	R	FO		099.8(092T)	004.0	04000
	CUTTA	CUTTA	010	IAF	IF		FB				
	CUTTA	NIMMS	020		TF		FB	1.0	177.1(169T)	023.1	04000
	WISKE	WISKE	010	IAF	IF		FB				
	WISKE	NIMMS	020		TF		FB	1.0	022.9(015T)	022.9	04000
		NIMMS	010	FACF	IF		FB				04000
		PLAZE	011	SDF	TF		FB	0.5	099.8(092T)	004.1	04000
		FORMM	020	FAF	TF		FB	0.5	099.8(092T)	004.1	03000
		RW10C	030	MAP	TF		FO	0.3	099.9(092T)	005.6	01192
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		GUBLE	040		DF		FB	1.0			
		AGC	050		TF	R	FO	1.0	168.5(161T)		04000
		AGC	060		HM	R	FO	2.0	327.2(319T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGC	N401643.15	W0800227.09	N4016.719	W08002.452
	CUTTA	N405234.51	W0803835.65	N4052.575	W08038.594
	FORMM	N402934.73	W0802205.90	N4029.579	W08022.098
	GUBLE	N402913.10	W0800813.56	N4029.218	W08008.226
	NIMMS	N402950.46	W0803250.50	N4029.841	W08032.842
	PLAZE	N402942.75	W0802728.22	N4029.713	W08027.470
	WISKE	N400744.89	W0804033.94	N4007.748	W08040.566
	RW10C	N402923.54	W0801446.54	N4029.392	W08014.776

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10C	01141	51

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1141 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10C, AMDT 4 25 SEP 2008	SUP: RNAV (GPS) RWY 10C AMDT: 3A DATED: 09/28/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AGC VOR/DME	MUFTI (FO)	307.24 / 26.58	5000&
CUTTA (IAF)	MUFTI (NOPT) (FB)	177.17 / 23.33	5000&
WISKE (IAF)	MUFTI (NOPT) (FB)	023.06 / 22.66	5000%
MUFTI (IF/IAF)	WIILE (FB)	099.77 / 3.97	4000&
WIILE	STARG (FB)	099.77 / 3.97	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW10R

CLIMB TO 4000 DIRECT DITPE AND RIGHT TURN VIA 167.17 TRACK TO AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 327.16 INBOUND.
CHART FAS OBST: 1357 ANT OL (KPIT0067) 402950N/0801659W
DISTANCE TO THLD FROM 308 HAT: 0.81 NM.
CHART VDP AT 1.36 MILES TO RW10R* *LNAV ONLY.
WAAS CHANNEL # 86226
REFERENCE PATH ID: W10D

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W MUFTI, RT, 099.77 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
3. FAC: 099.88 FAF: STARG DIST FAF TO MAP: 5.60 THLD: 5.60
4. MIN. ALT: MUFTI 5000&, WIILE 4000&, STARG 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: STARG OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.1 34:1 IS CLEAR
8. MSA FROM: RW10R 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1443	2400	308	1443	2400	308	1443	2400	308	1443	2400	308			
LNAV/VNAV DA	1658	6000	523	1658	6000	523	1658	6000	523	1658	6000	523			
LNAV MDA	1620	2400	485	1620	2400	485	1620	4000	485	1620	5000	485			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV VISIBILITY TO RVR 5000 ALL CATS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
HOLD IN LIEU ALTITUDE: 3000 WHEN AUTHORIZED BY ATC.
SEE 8260-10

CITY AND STATE	ELEVATION: 1203 TDZE: 1135 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 10R
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10R, AMDT 3A 25 SEP 2008	AMDT: 3 DATED 08/30/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
&3000 WHEN AUTHORIZED BY ATC
%3100 WHEN AUTHORIZED BY ATC

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW10R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10D
LTP/FTP LATITUDE	402912.2300N
LTP/FTP LONGITUDE	0801506.8600W
LTP/FTP ELLIPSOIDAL HEIGHT	+03118
FPAP LATITUDE	402908.3200N
FPAP LONGITUDE	0801238.1300W
THRESHOLD CROSSING HEIGHT (TCH)	00051.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	79548EC0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03459
FPAP ORTHOMETRIC HEIGHT	+03459

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        AGC   K6011000VDLA N40164315W080022709    N40164315W080022709W009001289      NARALLEGHENY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CUTTA K50    C   L N40523451W080383565                    W0089    NAR          CUTTA
       SUSAEAENRT   DITPE K60    W     N40290178W080083392                    W0089    NAR          DITPE
       SUSAEAENRT   MUFTI K60    C     N40293867W080325092                    W0089    NAR          MUFTI
       SUSAEAENRT   STARG K60    C     N40292344W080222761                    W0089    NAR          STARG
       SUSAEAENRT   WIILE K60    C     N40293120W080273904                    W0089    NAR          WIILE
       SUSAEAENRT   WISKE K60    C   L N40074489W080403394                    W0089    NAR          WISKE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203         1800018000C    MNAR    PITTSBURGH INTERNATIONAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6FR10RY AAGC   010AGC  K6D 0V       IF                                  A          18000                A JS
       SUSAP KPITK6FR10RY AAGC   020MUFTIK6EA0EY   020TF                    30720266    +A05000                          A JS
       SUSAP KPITK6FR10RY AAGC   030MUFTIK6EA0EB CR   HF                    09980040    +A05000                          A JS
       SUSAP KPITK6FR10RY ACUTTA 010CUTTAK5EA0E  A    IF                                  A          18000                A JS
       SUSAP KPITK6FR10RY ACUTTA 020MUFTIK6EA0EE   010TF                    17720233    +A05000                          A JS
       SUSAP KPITK6FR10RY AWISKE 010WISKEK6EA0E  A    IF                                  A          18000                A JS
       SUSAP KPITK6FR10RY AWISKE 020MUFTIK6EA0EE   010TF                    02310227    +A05000                          A JS
       SUSAP KPITK6FR10RY R      010MUFTIK6EA0E  I    IF                                +A05000     18000                A JS
       SUSAP KPITK6FR10RY R      011WIILEK6EA0E S  051TF                    09980040    +A04000                          A JS
       SUSAP KPITK6FR10RY R      020STARGK6EA1E  F 051TF                    09980040    + 03000                RW10R K6PGA JS
       SUSAP KPITK6FR10RY R      020STARGK6EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
       SUSAP KPITK6FR10RY R      030RW10RK6PG0GY M 031TF                    09980056      01186          -300              A JS
       SUSAP KPITK6FR10RY R      040DITPEK6EA0E M  010DF                                                                 A JS
       SUSAP KPITK6FR10RY R      050AGC  K6D 0VY  R010TFY                   1672        + 04000                          A JS
       SUSAP KPITK6FR10RY R      060AGC  K6D 0VE HR020HM                    32720050    + 04000                          A JS
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1135** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 10R, AMDT 3A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 10R** AMDT: **3** DATED: **08/30/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6GRW10R   0115001000 N40291222W080150686-0100    +0311801135000052200I

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6PR10RY RW10R001Y0000W10D0N4029122300W08015068600+031180300N4029083200W080123813001065000000000511F40050079548EC0
        SUSAP KPITK6PR10RY RW10R002E      +03459+03459LPV       86226          000

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6SRW10RK6PG              0   18018003125                                                                    M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1135 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10R, AMDT 3A 25 SEP 2008	SUP: RNAV (GPS) RWY 10R AMDT: 3 DATED: 08/30/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AGC	AGC	010		IF		FB				
	AGC	MUFTI	020		TF		FO	2.0	307.2(299T)	026.6	05000
	AGC	MUFTI	030		HF	R	FO		099.8(092T)	004.0	05000
	CUTTA	CUTTA	010	IAF	IF		FB				
	CUTTA	MUFTI	020		TF		FB	1.0	177.2(169T)	023.3	05000
	WISKE	WISKE	010	IAF	IF		FB				
	WISKE	MUFTI	020		TF		FB	1.0	023.1(015T)	022.7	05000
		MUFTI	010	FACF	IF		FB				05000
		WIILE	011	SDF	TF		FB	0.5	099.8(092T)	004.0	04000
		STARG	020	FAF	TF		FB	0.5	099.8(092T)	004.0	03000
		RW10R	030	MAP	TF		FO	0.3	099.8(092T)	005.6	01186

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DITPE	040		DF		FB	1.0			
	AGC	050		TF	R	FO	1.0	167.2(159T)		04000
	AGC	060		HM	R	FO	2.0	327.2(319T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGC	N401643.15	W0800227.09	N4016.719	W08002.452
	CUTTA	N405234.51	W0803835.65	N4052.575	W08038.594
	DITPE	N402901.78	W0800833.92	N4029.030	W08008.565
	MUFTI	N402938.67	W0803250.92	N4029.645	W08032.849
	STARG	N402923.44	W0802227.61	N4029.391	W08022.460
	WIILE	N402931.20	W0802739.04	N4029.520	W08027.651
	WISKE	N400744.89	W0804033.94	N4007.748	W08040.566
	RW10R	N402912.22	W0801506.86	N4029.204	W08015.114

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10R	01135	52

CITY AND STATE	ELEVATION: 1203 TDZE: 1135	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 10R
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 10R, AMDT 3A 25 SEP 2008	AMDT: 3
				DATED: 08/30/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HLG VOR/DME	PRESY (FO)	072.45 / 31.09	4000
GRACE (IAF)	PRESY (NOPT) (FB)	205.57 / 23.57	4000
NESTO (IAF)	PRESY (NOPT) (FB)	335.26 / 20.51	4000
PRESY (IF/IAF)	SUPPR (FB)	280.15 / 6.08	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28C

CLIMB TO 4000 DIRECT EPONE AND VIA 218.63 TRACK TO HLG VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 222.00 INBOUND.
CHART FAS OBST: 1265 TREE 402852N/0801133W
CHART 1362 TWR 402855N/0800833W.
DISTANCE TO THLD FROM 337 HAT: 0.90 NM.
CHART VDP AT 1.24 MILES TO RW28C* *LNAV ONLY.
WAAS CHANNEL # 45527
REFERENCE PATH ID: W28A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E PRESY, RT, 280.15 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 280.06 FAF: SUPPR DIST FAF TO MAP: 5.62 THLD: 5.62
4. MIN. ALT: PRESY 4000, SUPPR 3000, FOLOX/2.90 NM TO RW28C 2100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: SUPPR OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW28C 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1471	6000	337	1471	6000	337	1471	6000	337	1471	6000	337			
LNAV/VNAV DA	1545	1 1/2	411	1545	1 1/2	411	1545	1 1/2	411	1545	1 1/2	411			
LNAV MDA	1580	5000	446	1580	5000	446	1580	6000	446	1580	1 1/2	446			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY

CITY AND STATE	ELEVATION: 1203 TDZE: 1134	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28C
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28C, AMDT 4 25 SEP 2008	AMDT: 3 DATED 09/25/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW28C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	402920.2465N
LTP/FTP LONGITUDE	0801240.9565W
LTP/FTP ELLIPSOIDAL HEIGHT	+03115
FPAP LATITUDE	402923.5400N
FPAP LONGITUDE	0801446.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	544B4780

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03455
FPAP ORTHOMETRIC HEIGHT	+03455

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD       HLG   K6011220VDL  N40153565W080340705    N40153565W080340705W007001269      NARWHEELING

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT  EPONE K60    W     N40293671W080231743                    W0089     NAR          EPONE
          SUSAEAENRT  FOLOX K60    W     N40291417W080085305                    W0089     NAR          FOLOX
          SUSAEAENRT  GRACE K60    C   B N40512466W079480212                    W0096     NAR          GRACE
          SUSAEAENRT  NESTO K60    C   L N40114005W079424949                    W0096     NAR          NESTO
          SUSAEAENRT  PRESY K60    W     N40285496W079572152                    W0096     NAR          PRESY
          SUSAEAENRT  SUPPR K60    W     N40290837W080051960                    W0089     NAR          SUPPR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203        1800018000C    MNAR    PITTSBURGH INTERNATIONAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6FR28CY AGRACE 010GRACEK6EA0E  A    IF                                          18000              A JS
          SUSAP KPITK6FR28CY AGRACE 020PRESYK6EA0EE   010TF                  20560236    + 04000                         A JS
          SUSAP KPITK6FR28CY AHLG   010HLG  K6D 0V       IF                                          18000              A JS
          SUSAP KPITK6FR28CY AHLG   020PRESYK6EA0EY A 020TF                  07250311    + 04000                         A JS
          SUSAP KPITK6FR28CY AHLG   030PRESYK6EA0EB CR   HF                  28020040    + 04000                         A JS
          SUSAP KPITK6FR28CY ANESTO 010NESTOK6EA0E  A    IF                                          18000              A JS
          SUSAP KPITK6FR28CY ANESTO 020PRESYK6EA0EE   010TF                  33530205    + 04000                         A JS
          SUSAP KPITK6FR28CY R      010PRESYK6EA0E  I    IF                              + 04000     18000              A JS
          SUSAP KPITK6FR28CY R      020SUPPRK6EA1E  F 051TF                  28020061    + 03000                RW28C K6PGA JS
          SUSAP KPITK6FR28CY R      020SUPPRK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
          SUSAP KPITK6FR28CY R      021FOLOXK6EA0E S  031TF                  28010027    V 0210002115       -300         A JS
          SUSAP KPITK6FR28CY R      030RW28CK6PG0GY M 031TF                  28010029      01184            -300         A JS
          SUSAP KPITK6FR28CY R      040EPONEK6EA0E M  010DF                                                              A JS
          SUSAP KPITK6FR28CY R      050HLG  K6D 0VY   010TF                  2186        + 04000                         A JS
          SUSAP KPITK6FR28CY R      060HLG  K6D 0VE HL020HM                  22200050    + 04000                         A JS
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1134** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28C, AMDT 4** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28C** AMDT: **3** DATED: **09/25/2005**

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```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6GRW28C    0097092800 N40292025W080124096+0100     +0311501134000050150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6PR28CY RW28C001Y0000W28A0N4029202465W08012409565+031150300N4029235400W080144654001067500000000500F400500544B4780
          SUSAP KPITK6PR28CY RW28C002E       +03455+03455LPV       45527          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6SRW28CK6PG                0   18018003125                                                              M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1134** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28C, AMDT 4** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28C** AMDT: **3** DATED: **09/25/2005**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GRACE	GRACE	010	IAF	IF		FB				
	GRACE	PRESY	020		TF		FB	1.0	205.6(198T)	023.6	04000
	HLG	HLG	010		IF		FB				
	HLG	PRESY	020	IAF	TF		FO	2.0	072.5(065T)	031.1	04000
	HLG	PRESY	030		HF	R	FO		280.2(272T)	004.0	04000
	NESTO	NESTO	010	IAF	IF		FB				
	NESTO	PRESY	020		TF		FB	1.0	335.3(327T)	020.5	04000
		PRESY	010	FACF	IF		FB				04000
		SUPPR	020	FAF	TF		FB	0.5	280.2(272T)	006.1	03000
		FOLOX	021	SDF	TF		FB	0.3	280.1(272T)	002.7	02100
		RW28C	030	MAP	TF		FO	0.3	280.1(272T)	002.9	01184

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EPONE	040		DF		FB	1.0			
	HLG	050		TF		FO	1.0	218.6(211T)		04000
	HLG	060		HM	L	FO	2.0	222.0(214T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLG	N401535.65	W0803407.05	N4015.594	W08034.118
	EPONE	N402936.71	W0802317.43	N4029.612	W08023.291
	FOLOX	N402914.17	W0800853.05	N4029.236	W08008.884
	GRACE	N405124.66	W0794802.12	N4051.411	W07948.035
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PRESY	N402854.96	W0795721.52	N4028.916	W07957.359
	SUPPR	N402908.37	W0800519.60	N4029.140	W08005.327
	RW28C	N402920.25	W0801240.96	N4029.338	W08012.683

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28C	01134	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1134** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28C, AMDT 4** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28C** AMDT: **3** DATED: **09/25/2005**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HLG VOR/DME	COSLU (FO)	072.98 / 31.22	4000
GRACE	PEETE (FB)	197.30 / 23.11	4000
NESTO	PEETE (FB)	343.50 / 18.59	4000
PEETE (IAF)	COSLU (NOPT) (FB)	280.19 / 3.14	4000
COSLU (IF/IAF)	PITTZ (FB)	280.15 / 6.28	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28L

CLIMB TO 4000 DIRECT CAKAT AND VIA 222.42 TRACK TO HLG VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 222.00 INBOUND.
CHART FAS OBST: 1265 TREE 402852N/0801133W
CHART 1362 TOWER 402855N/0800833W.
DISTANCE TO THLD FROM 389 HAT: 1.05 NM.
CHART VDP AT 1.03 MILES TO RW28L* *LNAV ONLY.
WAAS CHANNEL # 97326
REFERENCE PATH ID: W28B

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E COSLU, RT, 280.15 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 280.06 FAF: PITTZ DIST FAF TO MAP: 5.62 THLD: 5.62
4. MIN. ALT: COSLU 4000, PITTZ 3000, POLOE/2.90 NM TO RW28L 2100*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: PITTZ OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS CLEAR
8. MSA FROM: RW28L 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1514	4000	389	1514	4000	389	1514	4000	389	1514	4000	389			
LNAV/VNAV DA	1548	5000	423	1548	5000	423	1548	5000	423	1548	5000	423			
LNAV MDA	1520	2400	395	1520	2400	395	1520	2400	395	1520	5000	395			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CAT D VISIBILITY TO RVR 6000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 1203 TDZE: 1125 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28L, AMDT 4A 25 SEP 2008	SUP: RNAV (GPS) RWY 28L AMDT: 4 DATED

QUALITY CHECKED 5

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HLG VOR/DME VIA V12 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1125** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28L, AMDT 4A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28L** AMDT: **4** DATED:

QUALITY CHECKED 5

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28B
LTP/FTP LATITUDE	402908.3235N
LTP/FTP LONGITUDE	0801238.1260W
LTP/FTP ELLIPSOIDAL HEIGHT	+03079
FPAP LATITUDE	402912.3000N
FPAP LONGITUDE	0801510.1000W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	38123AE4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03420
FPAP ORTHOMETRIC HEIGHT	+03420

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1125 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28L, AMDT 4A 25 SEP 2008	SUP: RNAV (GPS) RWY 28L AMDT: 4 DATED:

FINAL CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAD        HLG    K6011220VDL  N40153565W080340705    N40153565W080340705W007001269      NARWHEELING                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CAKAT K60    W     N40292233W080214829                    W0089     NAR          CAKAT                    I
       SUSAEAENRT   COSLU K60    C     N40284258W079570270                    W0096     NAR          COSLU                    I
       SUSAEAENRT   GRACE K60    C   B N40512466W079480212                    W0096     NAR          GRACE                    I
       SUSAEAENRT   NESTO K60    C   L N40114005W079424949                    W0096     NAR          NESTO                    I
       SUSAEAENRT   PEETE K60    C     N40283543W079525568                    W0096     NAR          PEETE                    I
       SUSAEAENRT   PITTZ K60    C     N40285642W080051616                    W0089     NAR          PITTZ                    I
       SUSAEAENRT   POLOE K60    W     N40290224W080085023                    W0089     NAR          POLOE                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203        18000180000C    MNAR    PITTSBURGH INTERNATIONAL      I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6FR28LY AGRACE 010GRACEK6EA0E       IF                                                  18000                A JS   I
       SUSAP KPITK6FR28LY AGRACE 020PEETEK6EA0E  A 020TF                    19730231    + 04000                                A JS   I
       SUSAP KPITK6FR28LY AGRACE 030COSLUK6EA0EE   010TF                    28020031    + 04000                                A JS   I
       SUSAP KPITK6FR28LY AHLG   010HLG  K6D 0V       IF                                                  18000                A JS   I
       SUSAP KPITK6FR28LY AHLG   020COSLUK6EA0EY A 020TF                    07300312    + 04000                                A JS   I
       SUSAP KPITK6FR28LY AHLG   030COSLUK6EA0EB CR   HF                    28020040    + 04000                                A JS   I
       SUSAP KPITK6FR28LY ANESTO 010NESTOK6EA0E       IF                                                  18000                A JS   I
       SUSAP KPITK6FR28LY ANESTO 020PEETEK6EA0E  A 020TF                    34350186    + 04000                                A JS   I
       SUSAP KPITK6FR28LY ANESTO 030COSLUK6EA0EE   010TF                    28020031    + 04000                                A JS   I
       SUSAP KPITK6FR28LY R      010COSLUK6EA0E  I    IF                                + 04000     18000                      A JS   I
       SUSAP KPITK6FR28LY R      020PITTZK6EA1E  F 051TF                    28020063    + 03000                RW28L K6PGA JS   I
       SUSAP KPITK6FR28LY R      020PITTZK6EA2WALPV       ALNAV/VNAV ALNAV                                                       JS   I
       SUSAP KPITK6FR28LY R      021POLOEK6EA0E S  031TF                    28010027    V 0210002113        -300               A JS   I
       SUSAP KPITK6FR28LY R      030RW28LK6PGOGY M 031TF                    28010029      01181             -300               A JS   I
       SUSAP KPITK6FR28LY R      040CAKATK6EA0E M  010DF                                                                      A JS   I
```

CITY AND STATE	ELEVATION: 1203 TDZE: 1125	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28L
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28L, AMDT 4A 25 SEP 2008	AMDT: 4
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KPITK6FR28LY R      050HLG  K6D 0VY   010TF                  2224        + 04000                          A JS   I
        SUSAP KPITK6FR28LY R      060HLG  K6D 0VE HL020HM                  22200050    + 04000                          A JS   I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6GRW28L   0115002800 N40290832W080123813+0100    +03079011220000592001                                    I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6PR28LY RW28L001Y0000W28B0N4029083235W08012381260+030790300N4029123000W080151010001065000800005 90F40050038123AE4I
        SUSAP KPITK6PR28LY RW28L002E      +03420+03420LPV       97326          000                                          I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6SRW28LK6PG               0   18018003125                                                              M   I
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1125** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28L, AMDT 4A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28L** AMDT: **4** DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GRACE	GRACE	010		IF		FB				
	GRACE	PEETE	020	IAF	TF		FB	2.0	197.3(189T)	023.1	04000
	GRACE	COSLU	030		TF		FB	1.0	280.2(272T)	003.1	04000
	HLG	HLG	010		IF		FB				
	HLG	COSLU	020	IAF	TF		FO	2.0	073.0(065T)	031.2	04000
	HLG	COSLU	030		HF	R	FO		280.2(272T)	004.0	04000
	NESTO	NESTO	010		IF		FB				
	NESTO	PEETE	020	IAF	TF		FB	2.0	343.5(336T)	018.6	04000
	NESTO	COSLU	030		TF		FB	1.0	280.2(272T)	003.1	04000
		COSLU	010	FACF	IF		FB				04000
		PITTZ	020	FAF	TF		FB	0.5	280.2(272T)	006.3	03000
		POLOE	021	SDF	TF		FB	0.3	280.1(272T)	002.7	02100
		RW28L	030	MAP	TF		FO	0.3	280.1(272T)	002.9	01181

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CAKAT	040		DF		FB	1.0			
	HLG	050		TF		FO	1.0	222.4(214T)		04000
	HLG	060		HM	L	FO	2.0	222.0(214T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLG	N401535.65	W0803407.05	N4015.594	W08034.118
	CAKAT	N402922.33	W0802148.29	N4029.372	W08021.805
	COSLU	N402842.58	W0795702.70	N4028.710	W07957.045
	GRACE	N405124.66	W0794802.12	N4051.411	W07948.035
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PEETE	N402835.43	W0795255.68	N4028.591	W07952.928
	PITTZ	N402856.42	W0800516.16	N4028.940	W08005.269
	POLOE	N402902.24	W0800850.23	N4029.037	W08008.837
	RW28L	N402908.32	W0801238.13	N4029.139	W08012.636

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	01122	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1125 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28L, AMDT 4A 25 SEP 2008	SUP: RNAV (GPS) RWY 28L AMDT: 4 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EWC VORTAC	KERRS (FO)	159.53 / 22.55	4000
GRACE	NASTY (FB)	200.69 / 22.40	4000
NESTO	NASTY (FB)	341.54 / 19.97	4000
NASTY (IAF)	KERRS (NOPT) (FB)	280.17 / 3.14	4000
KERRS (IF/IAF)	ZAIKO (FB)	280.12 / 6.29	3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28R

CLIMB TO 4000 DIRECT KANVE AND RIGHT TURN VIA 030.52 TRACK TO EWC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.00 INBOUND.
CHART FAS OBST: 1356 ANT ON BLDG 403038N/0801331W
CHART FAS OBST: 1390 ROD ON OL ATCT 402941N/0801416W
DISTANCE TO THLD FROM 279 HAT: 0.70 NM.
CHART VDP AT 1.24 MILES TO RW28R* *LNAV ONLY.
WAAS CHANNEL # 40027
REFERENCE PATH ID: W28D

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E KERRS, RT, 280.12 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 280.04 FAF: ZAIKO DIST FAF TO MAP: 5.47 THLD: 5.47
4. MIN. ALT: KERRS 4000, ZAIKO 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: ZAIKO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4 34:1 IS CLEAR
8. MSA FROM: RW28R 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1453	2400	279	1453	2400	279	1453	2400	279	1453	2400	279			
LNAV/VNAV DA	1710	6000	536	1710	6000	536	1710	6000	536	1710	6000	536			
LNAV MDA	1640	2400	466	1640	2400	466	1640	4000	466	1640	5000	466			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWC VORTAC VIA V37 NORTHBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1203 TDZE: 1174 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28R
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28R, AMDT 4A 25 SEP 2008	AMDT: 4 DATED 07/31/2008

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW28R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28D
LTP/FTP LATITUDE	403004.8660N
LTP/FTP LONGITUDE	0801400.4045W
LTP/FTP ELLIPSOIDAL HEIGHT	+03239
FPAP LATITUDE	403008.4500N
FPAP LONGITUDE	0801618.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D635A59F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03579
FPAP ORTHOMETRIC HEIGHT	+03579

CITY AND STATE	ELEVATION: 1203 TDZE: 1174	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28R
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28R, AMDT 4A 25 SEP 2008	AMDT: 4
				DATED: 07/31/2008

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAD        EWC    K6011580VTH  N40493073W080124162    N40493073W080124162W008001220      NARELLWOOD CITY

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   GRACE K60    C   B N40512466W079480212                    W0096     NAR          GRACE
          SUSAEAENRT   KANVE K60    W     N40301888W080231069                    W0089     NAR          KANVE
          SUSAEAENRT   KERRS K60    C     N40293974W079583622                    W0096     NAR          KERRS
          SUSAEAENRT   NASTY K60    C     N40293267W079542913                    W0096     NAR          NASTY
          SUSAEAENRT   NESTO K60    C   L N40114005W079424949                    W0096     NAR          NESTO
          SUSAEAENRT   ZAIKO K60    C     N40295342W080065044                    W0089     NAR          ZAIKO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6APIT      0     115YHN40292930W080135830W008001203        1800018000C    MNAR    PITTSBURGH INTERNATIONAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ----------------------------------------------------------------------------------------------------------------------------
          SUSAP KPITK6FR28RY AEWC    010EWC  K6D 0V       IF                                          18000                A JS
          SUSAP KPITK6FR28RY AEWC    020KERRSK6EA0EY   020TF                  15950226    + 04000                         A JS
          SUSAP KPITK6FR28RY AEWC    030KERRSK6EA0EB CR   HF                 28010040    + 04000                         A JS
          SUSAP KPITK6FR28RY AGRACE  010GRACEK6EA0E       IF                                          18000                A JS
          SUSAP KPITK6FR28RY AGRACE  020NASTYK6EA0E  A 020TF                  20070224    + 04000                         A JS
          SUSAP KPITK6FR28RY AGRACE  030KERRSK6EA0EE   010TF                  28020031    + 04000                         A JS
          SUSAP KPITK6FR28RY ANESTO  010NESTOK6EA0E       IF                                          18000                A JS
          SUSAP KPITK6FR28RY ANESTO  020NASTYK6EA0E  A 020TF                  34150200    + 04000                         A JS
          SUSAP KPITK6FR28RY ANESTO  030KERRSK6EA0EE   010TF                  28020031    + 04000                         A JS
          SUSAP KPITK6FR28RY R       010KERRSK6EA0E  I    IF                              + 04000     18000               A JS
          SUSAP KPITK6FR28RY R       020ZAIKOK6EA1E  F 051TF                 28010063    + 03000                RW28R K6PGA JS
          SUSAP KPITK6FR28RY R       020ZAIKOK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
          SUSAP KPITK6FR28RY R       030RW28RK6PG0GY M 031TF                 28000055      01231          -300               A JS
          SUSAP KPITK6FR28RY R       040KANVEK6EA0E M  010DF                                                               A JS
          SUSAP KPITK6FR28RY R       050EWC  K6D 0VY  R010TFY                0305        + 04000                         A JS
          SUSAP KPITK6FR28RY R       060EWC  K6D 0VE HR020HM                 18200040    + 04000                         A JS
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CITY AND STATE	ELEVATION: 1203 TDZE: 1174	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 28R
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28R, AMDT 4A 25 SEP 2008	AMDT: 4 DATED: 07/31/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6GRW28R    0105022800 N40300487W080140040+0300     +03239011740000571501

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6PR28RY RW28R001Y0000W28D0N4030048660W08014004045+032390300N4030084500W080161839001067500480005 74F400500D635A59F
       SUSAP KPITK6PR28RY RW28R002E      +03579+03579LPV       40027          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6SRW28RK6PG               0   18018003125                                                                    M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1174** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 28R, AMDT 4A** 25 SEP 2008	SUP: **RNAV (GPS) RWY 28R** AMDT: **4** DATED: **07/31/2008**

CHARTED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EWC	EWC	010		IF		FB				
	EWC	KERRS	020		TF		FO	2.0	159.5(152T)	022.6	04000
	EWC	KERRS	030		HF	R	FO		280.1(272T)	004.0	04000
	GRACE	GRACE	010		IF		FB				
	GRACE	NASTY	020	IAF	TF		FB	2.0	200.7(193T)	022.4	04000
	GRACE	KERRS	030		TF		FB	1.0	280.2(272T)	003.1	04000
	NESTO	NESTO	010		IF		FB				
	NESTO	NASTY	020	IAF	TF		FB	2.0	341.5(334T)	020.0	04000
	NESTO	KERRS	030		TF		FB	1.0	280.2(272T)	003.1	04000
		KERRS	010	FACF	IF		FB				04000
		ZAIKO	020	FAF	TF		FB	0.5	280.1(272T)	006.3	03000
		RW28R	030	MAP	TF		FO	0.3	280.0(272T)	005.5	01231

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KANVE	040		DF		FB	1.0			
	EWC	050		TF	R	FO	1.0	030.5(023T)		04000
	EWC	060		HM	R	FO	2.0	182.0(174T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWC	N404930.73	W0801241.62	N4049.512	W08012.694
	GRACE	N405124.66	W0794802.12	N4051.411	W07948.035
	KANVE	N403018.88	W0802310.69	N4030.315	W08023.178
	KERRS	N402939.74	W0795836.22	N4029.662	W07958.604
	NASTY	N402932.67	W0795429.13	N4029.545	W07954.486
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	ZAIKO	N402953.42	W0800650.44	N4029.890	W08006.841
	RW28R	N403004.87	W0801400.40	N4030.081	W08014.007

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28R	01174	57

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1174 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 28R, AMDT 4A 25 SEP 2008	SUP: RNAV (GPS) RWY 28R AMDT: 4 DATED: 07/31/2008

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EWC VORTAC	COPKU (FB)	171.73 / 30.60	5000%
NESTO INT	GRUNZ (FB)	301.92 / 11.84	6000%
GRUNZ (IAF)	COPKU (NOPT) (FB)	324.56 / 5.02	5000%
COPKU (IF/IAF)	WYLER (FB)	324.52 / 3.14	4000
WYLER	TRINY (FB)	324.49 / 4.71	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 4000 DIRECT JAVET AND RIGHT TURN VIA 026.06 TRACK TO EWC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.00 INBOUND.
CHART FAS OBST: 1265 TREE 402852N/0801133W
CHART 1430 TOWER 402656N/0800742W.
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.05 MILES TO RW32* *LNAV ONLY.
WAAS CHANNEL # 70326
REFERENCE PATH ID: W32A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE COPKU, RT, 324.52 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
3. FAC: 324.44 FAF: TRINY DIST FAF TO MAP: 4.13 THLD: 4.13
4. MIN. ALT: COPKU 5000%, WYLER 4000, TRINY 2500, ZANTA/2.00 NM TO RW32 1800*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: TRINY OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4 34:1 IS CLEAR
8. MSA FROM: RW32 3100

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1373	4000	250	1373	4000	250	1373	4000	250	1373	4000	250			
LNAV/VNAV DA	1515	5000	392	1515	5000	392	1515	5000	392	1515	5000	392			
LNAV MDA	1520	4000	397	1520	4000	397	1520	4000	397	1520	5000	397			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWC VORTAC VIA V37 NORTHBOUND.
SEE 8260-10

CITY AND STATE	ELEVATION: 1203 TDZE: 1123 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 32, AMDT 4 25 SEP 2008	SUP: RNAV (GPS) RWY 32 AMDT: 3 DATED 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART PROFILE AND PLANVIEW NOTE: % 4000 WHEN ASSIGNED BY ATC.
HOLD IN LIEU ALTITUDE: 4000 WHEN ASSIGNED BY ATC.
FOR INOPERATIVE MALSR, INCREASE LNAV VISIBILITY ALL CATS 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1123** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**RNAV**	**RNAV (GPS) Y RWY 32, AMDT 4** 25 SEP 2008	AMDT: 3 DATED: 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIT
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	402847.6900N
LTP/FTP LONGITUDE	0801217.2185W
LTP/FTP ELLIPSOIDAL HEIGHT	+03054
FPAP LATITUDE	402945.6500N
FPAP LONGITUDE	0801329.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4FF918CB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03395
FPAP ORTHOMETRIC HEIGHT	+03395

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1123 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 32, AMDT 4 25 SEP 2008	SUP: RNAV (GPS) RWY 32 AMDT: 3 DATED: 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        EWC   K6011580VTH  N40493073W080124162    N40493073W080124162W008001220      NARELLWOOD CITY

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   COPKU K60    W     N40200629W080012901                    W0089     NAR          COPKU
       SUSAEAENRT   GRUNZ K60    W     N40162750W079565820                    W0096     NAR          GRUNZ
       SUSAEAENRT   JAVET K60    W     N40342010W080191260                    W0089     NAR          JAVET
       SUSAEAENRT   NESTO K60    C   L N40114005W079424949                    W0096     NAR          NESTO
       SUSAEAENRT   TRINY K60    C     N40254798W080083334                    W0089     NAR          TRINY
       SUSAEAENRT   WYLER K60    C     N40222305W080041864                    W0089     NAR          WYLER
       SUSAEAENRT   ZANTA K60    W     N40272072W080102881                    W0089     NAR          ZANTA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6APIT     0     115YHN40292930W080135830W008001203        1800018000C    MNAR    PITTSBURGH INTERNATIONAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KPITK6FR32-Y AEWC    010EWC  K6D 0V       IF                                                18000                A JS
       SUSAP KPITK6FR32-Y AEWC    020COPKUK6EA0E    020TF                    17170306    + 05000                               A JS
       SUSAP KPITK6FR32-Y AEWC    030COPKUK6EA0EB CR   HF                    32450040    + 05000                               A JS
       SUSAP KPITK6FR32-Y ANESTO  010NESTOK6EA0E       IF                                                18000                A JS
       SUSAP KPITK6FR32-Y ANESTO  020GRUNZK6EA0E  A 020TF                    30190118    + 06000                               A JS
       SUSAP KPITK6FR32-Y ANESTO  030COPKUK6EA0EE   010TF                    32460050    + 05000                               A JS
       SUSAP KPITK6FR32-Y R       010COPKUK6EA0E  I    IF                               + 05000    18000                      A JS
       SUSAP KPITK6FR32-Y R       011WYLERK6EA0E S  051TF                    32450031    + 04000                               A JS
       SUSAP KPITK6FR32-Y R       020TRINYK6EA1E  F 051TF                    32450047    + 02500                RW32   K6PGA JS
       SUSAP KPITK6FR32-Y R       020TRINYK6EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
       SUSAP KPITK6FR32-Y R       021ZANTAK6EA0E S  031TF                    32440021    V 0180001810       -300               A JS
       SUSAP KPITK6FR32-Y R       030RW32 K6PG0GY M 031TF                    32440020      01169            -300               A JS
       SUSAP KPITK6FR32-Y R       040JAVETK6EA0E M  010DF                                                                     A JS
       SUSAP KPITK6FR32-Y R       050EWC  K6D 0VY  R010TFY                   0261        + 04000                               A JS
       SUSAP KPITK6FR32-Y R       060EWC  K6D 0VE HR020HM                    18200040    + 04000                               A JS
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CITY AND STATE	ELEVATION: 1203 TDZE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 32, AMDT 4 25 SEP 2008	AMDT: 3 DATED: 09/29/2005

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```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6GRW32     0081013244 N40284769W080121722+0400     +0305401114000055150I

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6PR32-Y RW32 001Y0000W32A0N4028476900W08012172185+030540300N4029456500W080132952001067500000000554F4005004FF918CB
        SUSAP KPITK6PR32-Y RW32 002E      +03395+C3395LPV       70326          000

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPITK6SRW32 K6PG               0   18018003125                                                                    M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 32
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1123 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 32, AMDT 4 25 SEP 2008	AMDT: 3 DATED: 09/29/2005

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EWC	EWC	010		IF		FB				
	EWC	COPKU	020		TF		FB	2.0	171.7(164T)	030.6	05000
	EWC	COPKU	030		HF	R	FO		324.5(317T)	004.0	05000
	NESTO	NESTO	010		IF		FB				
	NESTO	GRUNZ	020	IAF	TF		FB	2.0	301.9(294T)	011.8	06000
	NESTO	COPKU	030		TF		FB	1.0	324.6(317T)	005.0	05000
		COPKU	010	FACF	IF		FB				05000
		WYLER	011	SDF	TF		FB	0.5	324.5(317T)	003.1	04000
		TRINY	020	FAF	TF		FB	0.5	324.5(317T)	004.7	02500
		ZANTA	021	SDF	TF		FB	0.3	324.4(316T)	002.1	01800
		RW32	030	MAP	TF		FO	0.3	324.4(316T)	002.0	01169

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JAVET	040		DF		FB	1.0			
	EWC	050		TF	R	FO	1.0	026.1(018T)		04000
	EWC	060		HM	R	FO	2.0	182.0(174T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWC	N404930.73	W0801241.62	N4049.512	W08012.694
	COPKU	N402006.29	W0800129.01	N4020.105	W08001.484
	GRUNZ	N401627.50	W0795658.20	N4016.458	W07956.970
	JAVET	N403420.10	W0801912.60	N4034.335	W08019.210
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	TRINY	N402547.98	W0800833.34	N4025.800	W08008.556
	WYLER	N402223.05	W0800418.64	N4022.384	W08004.311
	ZANTA	N402720.72	W0801028.81	N4027.345	W08010.480
	RW32	N402847.69	W0801217.22	N4028.795	W08012.287

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01114	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1123 AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	RNAV (GPS) Y RWY 32, AMDT 4 25 SEP 2008	SUP: RNAV (GPS) RWY 32 AMDT: 3 DATED: 09/29/2005

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CUTTA(40E)	DAREC(TF)(FB)(RNP2.00) (40E)(43A)	179.80/12.77	5000
WISKE(40E)	FOMSA(TF)(FB)(RNP2.00) (40E)(43A)	019.38/13.88	5000
DAREC(IAF)(40E)(43A)	NIMMS(TF)(FB)(RNP1.00) (40E)(41E)	173.73/10.40	5000
FOMSA(IAF)(40E)(43A)	NIMMS(TF)(FB)(RNP1.00) (40E)(41E)	028.45/9.04	5000
NIMMS(IF)(40E)(43I)	FORMM(TF)(FB)(RNP1.00) (40E)(43F)	099.77/8.20	3000
FORMM(FAF)(40E)(43F)	RW10C(TF)(FO)(40G)(41Y)(43M)	099.87/5.59	
RW10C(MAP)(40G)(41Y)(43M)	HAVRU(TF)(FB)(RNP1.00)(40E)	099.95/7.73	
HAVRU(40E)	JAPAV(TF)(FB)(RNP1.00)(40E)	146.00/4.60	
JAPAV(40E)	AGC VOR/DME (TF)(FO)(RNP1.00)(40E)(41E)(43H)	196.88/9.08	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 099.95 TRACK TO HAVRU AND VIA 146.00 TRACK TO JAPAV AND VIA 196.88 TRACK TO AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 327.16 INBOUND.
CHART FAS OBST: 1240 LIGHT 402914N/0801554W, 1273 BLDG 402941N/0801531W, 1319 TREE 402948N/0801623W
DISTANCE TO THLD FROM 399 HAT: 1.09 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1192.2 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NIMMS
3. FAC: 099.87 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: NIMMS 5000
5. DIST TO THLD FROM OM: 5.59 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: FORMM 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.1# 34:1 IS CLEAR
8. MSA FROM: RW10C 3200

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	1540	1 1/2	399	1540	1 1/2	399	1540	1 1/2	399	1540	1 1/2	399			
RNP 0.20 DA	1566	1 1/2	425	1566	1 1/2	425	1566	1 1/2	425	1566	1 1/2	425			
RNP 0.30 DA	1669	1 3/4	528	1669	1 3/4	528	1669	1 3/4	528	1669	1 3/4	528			

NOTES:

CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (116F).

CITY AND STATE	ELEVATION: 1203 TDZE: 1141 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 10C, ORIG	AMDT: NONE
				DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CUTTA(40E)	DAREC(TF)(FB)(RNP2.00) (40E)(43A)	179.80/12.77	5000
WISKE(40E)	FOMSA(TF)(FB)(RNP2.00) (40E)(43A)	19.38/13.88	5000
DAREC(IAF)(40E)(43A)	MUFTI(TF)(FB)(RNP1.00)(40E)(41E)	174.02/10.58	5000
FOMSA(IAF)(40E)(43A)	MUFTI(TF)(FB)(RNP1.00)(40E)(41E)	028.86/8.86	5000
MUFTI(IF)(40E)(43I)	STARG(TF)(FB)(RNP1.00) (40E)(43F)	099.78/7.93	3000
STARG(FAF)(40E)(43F)	RW10R(TF)(FO)(40G)(41Y)(43M)	099.87/5.61	
RW10R(MAP)(40G)(41Y)(43M)	KADEC(TF)(FB)(RNP1.00)(40E)	099.95/7.70	
KADEC(40E)	JAPAV(TF)(FB)(RNP1.00)(40E)	141.82/4.67	
JAPAV(40E)	AGC VOR/DME (TF)(FO)(RNP1.00)(40E)(41E)(43H)	196.88/9.08	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 099.95 TRACK TO KADEC AND VIA 141.82 TRACK TO JAPAV AND VIA 196.88 TRACK TO AGC VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 327.16 INBOUND.
CHART FAS OBST: 1240 LIGHT 402914N/0801554W, 1279 TREE 402853N/0801611W, 1357 TOWER 402950N/0801700W CHART: 1191 SIGN 402920N/0801546W.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MUFTI
3. FAC: 099.87 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: MUFTI 5000
5. DIST TO THLD FROM OM: 5.61 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: STARG 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.5# 34:1 IS NOT CLEAR
8. MSA FROM: RW10R 3200

DISTANCE TO THLD FROM 376 HAT: 1.02 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1186.3 MSL (DO NOT CHART)

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.14 DA	1511	4000	376	1511	4000	376	1511	4000	376	1511	4000	376			
RNP 0.20 DA	1558	5000	423	1558	5000	423	1558	5000	423	1558	5000	423			
RNP 0.30 DA	1745	1 3/4	610	1745	1 3/4	610	1745	1 3/4	610	1745	1 3/4	610			

NOTES: CHART NOTES: GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA.

FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (116F).
FOR INOPERATIVE ALSF, INCREASE RNP 0.14 ALL CATS VISIBILITY TO 1 1/4, RNP 0.20 ALL CATS VISIBILITY TO 1 1/2, RNP 0.30 ALL CATS VISIBILITY TO 2 1/4.

CITY AND STATE	ELEVATION: 1203 TDZE: 1135 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 10R, ORIG	AMDT:
				DATE

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRACE (40E)	HERDI (TF)(FB) (RNP 2.00) (40E) (43A)	191.68 / 13.01	4000
NESTO (40E)	DIYAC (TF) (FB) (RNP) 2.00) (40E) (43A)	351.05 / 14.11	4000
HERDI (IAF) (40E) (43A)	PRESY (TF) (FB) (RNP 1.00) (40E) (41E)	221.48 / 11.38	4000
DIYAC (IAF) (40E) (43A)	PRESY (TF) (FB) (RNP 1.00) (40E) (41E)	306.22 / 7.92	4000
PRESY (IF) (40E) (43I)	SUPPR (TF) (FB) (RNP 1.00) (40E) (43F)	280.15 / 6.08	3000
SUPPR (FAF) (40E) (43F)	RW28C (TF) (FO) (40G) (41Y) (43M)	280.06 / 5.62	
RW28C (MAP) (40G) (41Y) (43M)	EPONE(TF)(FB)(RNP1.00)(40E)	280.00 / 8.10	
EPONE (40E)	JAKNO(TF)(FB)(RNP1.00)(40E)	249.98 / 4.00	
JAKNO (40E)	HLG VOR/DME (TF) (FO) (RNP1.00) (40E) (41E) (43H)	209.38 / 13.02	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 280.00 TRACK EPONE THEN VIA 249.98 TRACK TO JAKNO THEN VIA 209.38 TRACK TO HLG VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 222.00 INBOUND
CHART FAS OBST: 1263 TREE 402929N/0801151W, 1265 TREE 402852N/0801133W
DISTANCE TO THLD FROM 393 HAT: 1.08 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH: 1183.6 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PRESY
3. FAC: 280.06 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: PRESY 4000
5. DIST TO THLD FROM OM: 5.62 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: SUPPR 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW28C 3200

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY ====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.14 DA	1527	6000	393	1527	6000	393	1527	6000	393	1527	6000	393			
RNP 0.16 DA	1531	1 1/2	397	1531	1 1/2	397	1531	1 1/2	397	1531	1 1/2	397			
RNP 0.30 DA	1576	1 1/2	442	1576	1 1/2	442	1576	1 1/2	442	1576	1 1/2	442			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (116F). GPS REQUIRED.

CITY AND STATE	ELEVATION: 1203 TDZE: 1134 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 28C, ORIG	AMDT: NONE DATE

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRACE (40E)	HERDI (TF)(FB) (RNP 2.00) (40E) (43A)	191.68 / 13.01	5000
NESTO (40E)	DIYAC (TF) (FB) (RNP) 2.00) (40E) (43A)	351.05 / 14.11	5000
HERDI (IAF) (40E) (43A)	COSLU (TF) (FB) (RNP 1.00) (40E) (41E)	219.91 / 11.42	5000
DIYAC (IAF) (40E) (43A)	COSLU (TF) (FB) (RNP 1.00) (40E) (41E)	305.70 / 7.61	5000
COSLU (IF) (40E) (43I)	PITTZ (TF) (FB) (RNP 1.00) (40E) (43F)	280.15 / 6.28	3000
PITTZ (FAF) (40E) (43F)	RW28L(TF)(FO)(40G)(41Y)(43M)	280.06 / 5.62	
RW28L (MAP) (40G) (41Y) (43M)	CAKAT(TF)(FB)(RNP1.00)(40E)	279.96 /7.00	
CAKAT (40E)	ELALE(TF)(FB)(RNP1.00)(40E)	255.18 / 4.00	
ELALE (40E)	BOPGE(TF)(FB)(RNP1.00)(40E)	222.42 / 4.00	
BOPGE (40E)	HLG VOR/DME (TF) (FO) (RNP1.00) (40E) (41E) (43H)	209.23 / 9.56	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 279.96 TRACK TO CAKAT AND VIA 255.18 TRACK TO ELALE AND VIA 222.42 TRACK TO BOPGE AND VIA 209.23 TRACK TO HLG VOR/DME AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COSLU
3. FAC: 280.06 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: COSLU 5000
5. DIST TO THLD FROM OM: 5.62 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: PITTZ 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW28L 3200

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 222.00 INBOUND
CHART FAS OBST: 1265 TREE 402852N / 0801133W
DISTANCE TO THLD FROM 399 HAT 1.08 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH: 1181.0 MSL (DO NOT CHART)

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.13 DA	1524	5000	399	1524	5000	399	1524	5000	399	1524	5000	399			
RNP 0.30 DA	1569	5000	444	1569	5000	444	1569	5000	444	1569	5000	444			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (116F). GPS REQUIRED. FOR INOPERATIVE MALSR, INCREASE RNP 0.13 ALL CATS VISIBILITY TO RVR 6000 AND RNP 0.30 ALL CATS A, B, C,VISIBILITY TO RVR 6000 CAT D VISIBILITY TO 1 1/2 MILE. VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1203 TDZE: 1125 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 28L, ORIG	AMDT: NONE DATE

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRACE (IAF) (40E) (43A)	NASTY (TF) (FB) (RNP 1.00) (40E) (41E)	200.69/22.40	4000
NESTO (IAF) (40E) (43A)	NASTY (TF) (FB) (RNP 1.00) (40E) (41E)	341.54/19.97	4000
NASTY (IF) (40E) (43I)	ZAIKO (TF) (FB) (RNP 1.00) (40E) (43F)	280.17/9.43	3000
ZAIKO (FAF) (40E) (43F)	RW28R (TF) (FO) (40G) (41Y) (43M)	280.04/5.47	
RW28R (MAP) (40G) (41Y) (43M)	KANVE (TF) (FB) (RNP 1.00) (40E)	279.96/7.00	
KANVE (40E)	USUSE (TF) (FB) (RNP 1.00) (40E)	340.00/10.00	
USUSE (40E)	EWC VORTAC (TF) (FO) (RNP 1.00) (40V) (41E) (43H)	058.62/16.36	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 279.96 TRACK TO KANVE AND VIA 340.00 TRACK TO USUSE AND VIA 058.62 TRACK TO EWC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 182.00 INBOUND
CHART FAS OBST: 1272 BLDG 403037N/0801312W
DISTANCE TO THLD FROM 447 HAT: 1.22 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH: 1231.6 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NASTY
3. FAC: 280.04 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: NASTY 4000
5. DIST TO THLD FROM OM: 5.47 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: ZAIKO 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.4# 34:1 IS NOT CLEAR
8. MSA FROM: RW28R 3200

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	1621	5000	447	1621	5000	447	1621	5000	447	1621	5000	447			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (115F). GPS REQUIRED. FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE. VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1203 TDZE: 1174 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 28R, ORIG	AMDT: NONE DATE

QUALITY CHECKED

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NESTO (40E)	GRUNZ (TF) (FB) (RNP 2.00) (40E) (41E) (43A)	301.92 / 11.84	4000
GRUNZ (IAF) (40E) (43A)	COPKU (TF) (FB) (RNP 1.00) (40E) (41E)	324.56 / 5.02	4000
COPKU (IF) (40E) (43I)	TRINY (TF) (FB) (RNP 1.00) (40E) (43F)	324.52 / 7.85	2500
TRINY (FAF) (40E) (43F)	RW32 (TF) (FO) (40G) (41Y) (43M)	324.44 / 4.13	
RW32 (MAP) (40G) (41Y) (43M)	JAVET (TF) (FB) (RNP 1.00) (40E)	324.40 / 7.65	
JAVET (40E)	ASIWU (TF) (FB) (RNP 1.00) (40E)	353.63 / 3.45	
ASIWU (40E)	EWC VORTAC (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	034.12 / 13.18	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA 324.40 TRACK TO JAVET AND VIA 353.63 TRACK TO ASIWU AND VIA 034.12 TRACK TO EWC VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 182.00 INBOUND
CHART FAS OBST: 1096 BLDG 402819N / 0801205W
DISTANCE TO THLD FROM 288 HAT: 0.76 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH: 1169.1 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COPKU
3. FAC: 324.44 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: COPKU 4000
5. DIST TO THLD FROM OM: 4.13 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: TRINY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4# 34:1 IS NOT CLEAR
8. MSA FROM: RW32 3200

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	1411	5000	288	1411	5000	288	1411	5000	288	1411	5000	288			
RNP 0.13 DA	1433	5000	310	1433	5000	310	1433	5000	310	1433	5000	310			
RNP 0.30 DA	1504	5000	381	1504	5000	381	1504	5000	381	1504	5000	381			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS PROCEDURE NA BELOW -17C (1F) OR ABOVE 46C (115F). GPS REQUIRED. FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT,

CITY AND STATE	ELEVATION: 1203 TDZE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	25 SEP 2008 RNAV (RNP) Z RWY 32, ORIG	AMDT: NONE
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 25 SEP 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PITTSBURGH, PA	**ELEVATION: 1203 TDZE: 1148** AIRPORT NAME: **PITTSBURGH INTERNATIONAL**	**AGC**	**VOR/DME RWY 14, AMDT 2A, 03/22/2001**	SUP AMDT 2 DATE 04/20/2008

FAA FORM 8260-5 / December 2002 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

25 SEP 2008

PROCEDURE CANCELED EFFECTIVE ____

CITY AND STATE	ELEVATION: 970 TDZE: 962	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
LAFAYETTE, TN	AIRPORT NAME: **LAFAYETTE MUNI**	**GPS**	**GPS RWY 19, ORIG, 07/17/1997**	AMDT **NONE**
				DATE

FAA FORM 8260-5 / December 2002 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BNA VORTAC	**HOGPA INT/BNA 16.00 DME**	**305.07 / 16.00**	**3100**
HOGPA INT/BNA 16.00 DME (IAF)	**INICA INT/BNA 22.68 DME**	**305.07 / 6.68 (BNA R-305)**	**3000**
ROGOE INT/BWG 48.15 DME (IAF)	**INICA INT/BNA 22.68 DME**	**125.07 / 7.36 (BNA R-305)**	**3000**
INICA INT/BNA 22.68 DME (IF)	**JOGNA INT**	**036.07 / 7.73 (I-ONE)**	**2600**

MISSED APPROACH

MAP: 5.75 MILES AFTER JOGNA INT

CLIMB TO 3000 DIRECT BWG VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT BNA VORTAC AND HOLD NW, RT, 135.19 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 024.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW BNA VORTAC, RT, 135.19 INBOUND.
CHART FAS OBST: 839 TREE 362821N/0865743W
CHART IN PLANVIEW: BNA VORTAC.
JOGNA TO RW04 3.05/40

1. PT **NA** SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT INICA**
3. FAC **036.07** FAF **JOGNA INT** DIST FAF TO MAP **5.75** THLD **5.75**
4. MIN. ALT **INICA 3000, JOGNA 2600**
8. MSA FROM: **BNA VORTAC 3100 (27 NM)**

MAG VAR: **3W** EPOCH YEAR: **2005**

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4	1100	1	400	1100	1	400	1100	1	400	1100	1 1/4	400			
CIRCLING	1140	1	433	1240	1	533	1240	1 1/2	533	1300	2	593			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE S-4 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SPRINGFIELD, TN	**ELEVATION: 707 TDZE: 700** AIRPORT NAME: **SPRINGFIELD ROBERTSON COUNTY**	**I-ONE**	**LOC RWY 4, AMDT 2** 25 SEP 2008	SUP AMDT **1** DATE **10/27/2005**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY CHECK 1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LLO VORTAC	HUDLE (FB)	319.79 / 41.20	4000
BREDY	IPOCO (FB)	354.40 / 20.88	4000
HUDLE (IAF)	ELAME (FB)	263.19 / 5.00	4000
IPOCO (IAF)	ELAME (FB)	083.09 / 5.00	4000
ELAME (IF)	EYEDU (FB)	173.14 / 6.10	3500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT CEGOS AND VIA 228.24 TRACK TO BREDY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 285.39 INBOUND.
CHART FAS OBST: 1899 TREE 311157N/0991848W
FAS OBST: 2169 AAO 311506N/0991836W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.74 MILES TO RW17* *LNAV ONLY.
WAAS CHANNEL # 53608
REFERENCE PATH ID: W17A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ELAME
3. FAC: 173.14 FAF: EYEDU DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: ELAME 4000, EYEDU 3500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: EYEDU OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW17 3700

MAG VAR: 7E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2077	1	250	2077	1	250	2077	1	250		NA				
LNAV/VNAV DA	2191	1 1/4	364	2191	1 1/4	364	2191	1 1/4	364		NA				
LNAV MDA	2420	1	593	2420	1	593	2420	1 1/2	593		NA				
CIRCLING	2420	1	593	2420	1	593	2420	1 1/2	593		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 35 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JUNCTION ALTIMETER SETTING AND INCREASE
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1827 TDZE: 1827	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 02/14/2008

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
ALL DA/MDA 120 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV AND CIRCLING CAT C VISIBILITY 1/2 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING JUNCTION ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LLO VORTAC VIA V161-568 SOUTHBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	**ELEVATION: 1827 TDZE: 1827** AIRPORT NAME: **CURTIS FIELD**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/14/2008**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBBD
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	311107.0765N
LTP/FTP LONGITUDE	0991928.6065W
LTP/FTP ELLIPSOIDAL HEIGHT	+05330
FPAP LATITUDE	310937.7800N
FPAP LONGITUDE	0991928.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1344
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	00DD71A9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05566
FPAP ORTHOMETRIC HEIGHT	+05566

CITY AND STATE	ELEVATION: 1827 TDZE: 1827	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LLO   K4010820VTLA N30474683W098471460    N30474683W098471460E008001200      NARLLANO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BREDY K40    C   L N31012342W099255282                    E0056    NAR          BREDY
        SUSAEAENRT   CEGOS K40    W     N31051259W099192962                    E0056    NAR          CEGOS
        SUSAEAENRT   ELAME K40    W     N31221789W099192671                    E0056    NAR          ELAME
        SUSAEAENRT   EYEDU K40    W     N31161131W099192774                    E0056    NAR          EYEDU
        SUSAEAENRT   HUDLE K40    W     N31221702W099133629                    E0056    NAR          HUDLE
        SUSAEAENRT   IPOCO K40    W     N31221849W099251713                    E0056    NAR          IPOCO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBBDK4ABBD      0     046YHN31104540W099192610E007001827         1800018000C    MNAR    CURTIS FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBBDK4FR17   ABREDY 010BREDYK4EA0E       IF                                                 18000              A JS
        SUSAP KBBDK4FR17   ABREDY 020IPOCOK4EA0E  A 020TF                      35440209    + 04000                          A JS
        SUSAP KBBDK4FR17   ABREDY 030ELAMEK4EA0EE   010TF                      08310050    + 04000                          A JS
        SUSAP KBBDK4FR17   ALLO   010LLO  K4D 0V       IF                                                 18000              A JS
        SUSAP KBBDK4FR17   ALLO   020HUDLEK4EA0E  A 020TF                      31980412    + 04000                          A JS
        SUSAP KBBDK4FR17   ALLO   030ELAMEK4EA0EE   010TF                      26320050    + 04000                          A JS
        SUSAP KBBDK4FR17   R      010ELAMEK4EA0E  I    IF                                  + 04000    18000                 A JS
        SUSAP KBBDK4FR17   R      020EYEDUK4EA1E  F 051TF                      17310061    + 03500                RW17  K4PGA JS
        SUSAP KBBDK4FR17   R      020EYEDUK4EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KBBDK4FR17   R      030RW17 K4PG0GY M 031TF                      17310051      01866          -300          A JS
        SUSAP KBBDK4FR17   R      040CEGOSK4EA0E M  010DF                                                               A JS
        SUSAP KBBDK4FR17   R      050BREDYK4EA0EY   010TF                      2282        + 04000                          A JS
        SUSAP KBBDK4FR17   R      060BREDYK4EA0EE HR020HM                      28540040    + 04000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 1827 TDZE: 1827	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KBBDK4GRW17    0046051731 N31110708W099192861-0700    +0533001826000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KBBDK4PR17   RW17 001 0000W17A0N3111070765W09919286065+053300300N3109377800W099192886001067513440004004F40050000DD71A9
SUSAP KBBDK4PR17   RW17 002E      +05566+05566LPV       53608          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KBBDK4SRW17 K4PG              0   18018003725                                                                    M
```

CITY AND STATE	ELEVATION: 1827 TDZE: 1827	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/08

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BREDY	BREDY	010		IF		FB				
	BREDY	IPOCO	020	IAF	TF		FB	2.0	354.4(001T)	020.9	04000
	BREDY	ELAME	030		TF		FB	1.0	083.1(090T)	005.0	04000
	LLO	LLO	010		IF		FB				
	LLO	HUDLE	020	IAF	TF		FB	2.0	319.8(327T)	041.2	04000
	LLO	ELAME	030		TF		FB	1.0	263.2(270T)	005.0	04000
		ELAME	010	FACF	IF		FB				04000
		EYEDU	020	FAF	TF		FB	0.5	173.1(180T)	006.1	03500
		RW17	030	MAP	TF		FO	0.3	173.1(180T)	005.1	01866

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEGOS	040		DF		FB	1.0			
	BREDY	050		TF		FO	1.0	228.2(235T)		04000
	BREDY	060		HM	R	FO	2.0	285.4(292T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	BREDY	N310123.42	W0992552.82	N3101.390	W09925.880
	CEGOS	N310512.59	W0991929.62	N3105.210	W09919.494
	ELAME	N312217.89	W0991926.71	N3122.298	W09919.445
	EYEDU	N311611.31	W0991927.74	N3116.189	W09919.462
	HUDLE	N312217.02	W0991336.29	N3122.284	W09913.605
	IPOCO	N312218.49	W0992517.13	N3122.308	W09925.286
	RW17	N311107.08	W0991928.61	N3111.118	W09919.477

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	01826	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BRADY, TX	**ELEVATION: 1827 TDZE: 1827** AIRPORT NAME: **CURTIS FIELD**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: 02/14/[illegible]

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FEDOK (IAF)	JENEV (NOPT) (FB)	083.09 / 5.00	4000
GIMVE (IAF)	JENEV (NOPT) (FB)	263.19 / 5.00	4000
JENEV (IF/IAF)	CEGOS (FB)	353.14 / 6.12	3500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4000 DIRECT OVACU AND VIA 263.14 TRACK TO VIVCU AND LEFT TURN VIA 150.24 TRACK TO BREDY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S JENEV, RT, 353.14 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 353.14 FAF: CEGOS DIST FAF TO MAP: 5.14 THLD: 5.14
4. MIN. ALT: JENEV 4000, CEGOS 3500, ZILAG/2.10 NM TO RW35 2500*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: CEGOS OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.2 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 285.39 INBOUND.
CHART FAS OBST: 1924 TOWER 310844N/0991922W
CHART FAS OBST: 1837 TREE 311013N/0991940W
DISTANCE TO THLD FROM 250 HAT: 0.73 NM.
WAAS CHANNEL # 49108
REFERENCE PATH ID: W35A
CHART TDZE: 1823

MAG VAR: 7E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2073	1	250	2073	1	250	2073	1	250		NA				
LNAV/VNAV DA	2107	1	284	2107	1	284	2107	1	284		NA				
LNAV MDA	2240	1	417	2240	1	417	2240	1 1/4	417		NA				
CIRCLING	2240	1	413	2280	1	453	2280	1 1/2	453		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING JUNCTION ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 02/14/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JUNCTION ALTIMETER SETTING AND INCREASE ALL DA/MDA 120 FEET, INCREASE LPV, LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	263/30 CW 083/30 (NOPT)	JENEV (IF/IAF) (FB)	4000
2.	083/30 CW 173/30	FEDOK (IAF) (FB)	4000
3.	173/30 CW 263/30	GIMVE (IAF) (FB)	4000

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBBD
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	311021.5090N
LTP/FTP LONGITUDE	0991928.7415W
LTP/FTP ELLIPSOIDAL HEIGHT	+05228
FPAP LATITUDE	311150.8100N
FPAP LONGITUDE	0991928.4900W
THRESHOLD CROSSING HEIGHT (TCH)	00048.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1344
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0EA09465

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+05464
FPAP ORTHOMETRIC HEIGHT	+05464

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BREDY K40    C   L N31012342W099255282                    E0056     NAR           BREDY
          SUSAEAENRT   CEGOS K40    W     N31051259W099192962                    E0056     NAR           CEGOS
          SUSAEAENRT   FEDOK K40    W     N30590510W099251966                    E0056     NAR           FEDOK
          SUSAEAENRT   GIMVE K40    W     N30590363W099134167                    E0056     NAR           GIMVE
          SUSAEAENRT   JENEV K40    W     N30590450W099193066                    E0056     NAR           JENEV
          SUSAEAENRT   OVACU K40    W     N31151616W099192790                    E0056     NAR           OVACU
          SUSAEAENRT   VIVCU K40    W     N31151714W099323887                    E0056     NAR           VIVCU
          SUSAEAENRT   ZILAG K40    W     N31081523W099192910                    E0056     NAR           ZILAG

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBBDK4ABBD     0     046YHN31104540W099192610E007001827         1800018000C    MNAR    CURTIS FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBBDK4FR35   AFEDOK 010FEDOKK4EA0E  A    IF                                                18000              A JS
          SUSAP KBBDK4FR35   AFEDOK 020JENEVK4EA0EE   010TF                   08310050    + 04000                              A JS
          SUSAP KBBDK4FR35   AGIMVE 010GIMVEK4EA0E  A    IF                                                18000              A JS
          SUSAP KBBDK4FR35   AGIMVE 020JENEVK4EA0EE   010TF                   26320050    + 04000                              A JS
          SUSAP KBBDK4FR35   AJENEV 010JENEVK4EA0EE CR   HF                    35310040    + 04000     18000                    A JS
          SUSAP KBBDK4FR35   R       010JENEVK4EA0E  I    IF                              + 04000     18000                    A JS
          SUSAP KBBDK4FR35   R       020CEGOSK4EA1E  F 051TF                   35310061    + 03500                              A JS
          SUSAP KBBDK4FR35   R       020CEGOSK4EA2WALPV       ALNAV/VNAV ALNAV                                                  JS
          SUSAP KBBDK4FR35   R       021ZILAGK4EA0E S  031TF                   35310030    V 0250002514        -300          A JS
          SUSAP KBBDK4FR35   R       030RW35 K4PG0GY M 031TF                   35310021      01841             -300          A JS
          SUSAP KBBDK4FR35   R       040OVACUK4EA0E M  010DF                                                               A JS
          SUSAP KBBDK4FR35   R       050VIVCUK4EA0E    010TF                   2631                                        A JS
          SUSAP KBBDK4FR35   R       060BREDYK4EA0EY  L010TFY                 1502        + 04000                         A JS
          SUSAP KBBDK4FR35   R       070BREDYK4EA0EE HR020HM                   28540040    + 04000                         A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBBDK4GRW35    0046053531 N31102151W099192874+0700    +052280179300004807 5R
```

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBBDK4PR35    RW35 001 0000W35A0N3110215090W09919287415+052280300N3111508100W099192849001067513440004 82F4005000EA09465
        SUSAP KBBDK4PR35    RW35 002E      +05464+05464LPV       49108          000
```

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: CURTIS FIELD	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/14/2008

ALTY
CANCELED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEDOK	FEDOK	010	IAF	IF		FB				
	FEDOK	JENEV	020		TF		FB	1.0	083.1(090T)	005.0	04000
	GIMVE	GIMVE	010	IAF	IF		FB				
	GIMVE	JENEV	020		TF		FB	1.0	263.2(270T)	005.0	04000
	JENEV	JENEV	010		HF	R	FB		353.1(000T)	004.0	04000
		JENEV	010	FACF	IF		FB				04000
		CEGOS	020	FAF	TF		FB	0.5	353.1(000T)	006.1	03500
		ZILAG	021	SDF	TF		FB	0.3	353.1(000T)	003.0	02500
		RW35	030	MAP	TF		FO	0.3	353.1(000T)	002.1	01841

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OVACU	040		DF		FB	1.0			
	VIVCU	050		TF		FB	1.0	263.1(270T)		
	BREDY	060		TF	L	FO	1.0	150.2(157T)		04000
	BREDY	070		HM	R	FO	2.0	285.4(292T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BREDY	N310123.42	W0992552.82	N3101.390	W09925.880
	CEGOS	N310512.59	W0991929.62	N3105.210	W09919.494
	FEDOK	N305905.10	W0992519.66	N3059.085	W09925.328
	GIMVE	N305903.63	W0991341.67	N3059.061	W09913.695
	JENEV	N305904.50	W0991930.66	N3059.075	W09919.511
	OVACU	N311516.16	W0991927.90	N3115.269	W09919.465
	VIVCU	N311517.14	W0993238.87	N3115.286	W09932.648
	ZILAG	N310815.23	W0991929.10	N3108.254	W09919.485
	RW35	N311021.51	W0991928.74	N3110.359	W09919.479

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	01793	48

CITY AND STATE	ELEVATION: 1827 TDZE: 1823	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRADY, TX	AIRPORT NAME: **CURTIS FIELD**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/14/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COT VORTAC	IYULI (FB)	281.42 / 64.95	5000
SAT VORTAC	IYULI (FB)	236.25 / 109.19	5000
RSG VORTAC	NEYIR (FB)	173.76 / 57.29	5000
NEYIR	IYULI (FB)	173.76 / 16.50	5000
IYULI (IAF)	LUYIK (FB)	219.09 / 5.00	3500
LUYIK (IF)	JINOV (FB)	309.06 / 6.02	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

CLIMB TO 4000 DIRECT CEXEV AND VIA 055.57 TRACK TO NEYIR AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LUYIK
3. FAC: 309.02 FAF: JINOV DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: LUYIK 3500, JINOV 2500, OCILU/1.50 NM TO RW31 1400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: JINOV OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW31 2800

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 173.76 INBOUND.
CHART FAS OBST: 924 TREE 285118N/1002948W
CHART ALERT AREA A-633 B.
CHART LAUGHLIN 1 MOA.
CHART LAUGHLIN 2 MOA.
CHART LAUGHLIN 3 MOA.
DISTANCE TO THLD FROM 354 HAT: 0.99 NM.
WAAS CHANNEL # 63207
REFERENCE PATH ID: W31A
CHART: LAUGHLIN AFB ATIS, 114.4
1059 AAO 284725N/1002647W

MAG VAR: 6E EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1236	1 1/4	354	1236	1 1/4	354	1236	1 1/4	354		NA				
LNAV/VNAV DA	1298	1 1/2	416	1298	1 1/2	416	1298	1 1/2	416		NA				
LNAV MDA	1280	1	398	1280	1	398	1280	1	398		NA				
CIRCLING	1500	1	613	1500	1	613	1500	1 3/4	613		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: PROCEDURE NA FOR ARRIVALS AT SAT VORTAC ON AIRWAY RADIALS 190 CW 285.
SEE 8260-10

CITY AND STATE	ELEVATION: 887 TDZE: 882	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 31, ORIG SEP 25 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: USE LAUGHLIN AFB ALTIMETER SETTING; WHEN NOT RECEIVED, USE DEL RIO INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	**ELEVATION: 887 TDZE: 882** AIRPORT NAME: **MAVERICK COUNTY MEMORIAL INTL**	**RNAV**	**RNAV (GPS) RWY 31, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	5T9
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	D
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	285106.2700N
LTP/FTP LONGITUDE	1003026.5900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02462
FPAP LATITUDE	285209.4200N
FPAP LONGITUDE	1003138.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	58DEB221

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02689
FPAP ORTHOMETRIC HEIGHT	+02689

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
EAGLE PASS, TX	ELEVATION: 887 TDZE: 882 MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 31, ORIG SEP 25 2008	SUP: AMDT: NONE DATED:

QUAL.

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        COT   K4011580VTLA N28274324W099070675    N28274324W099070675E009000520      NARCOTULLA
        SUSAD        RSG   K4011120VTL  N30005257W100175944    N30005257W100175944E010002310      NARROCKSPRINGS
        SUSAD        SAT   K4011680VTHA N29383851W098274073    N29383851W098274073E008001160      NARSAN ANTONIO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEXEV K40    W     N28551194W100350605                    E0061     NAR          CEXEV
        SUSAEAENRT   IYULI K40    W     N28465439W100173837                    E0061     NAR          IYULI
        SUSAEAENRT   JINOV K40    W     N28473834W100263052                    E0061     NAR          JINOV
        SUSAEAENRT   LUYIK K40    W     N28432199W100214003                    E0061     NAR          LUYIK
        SUSAEAENRT   NEYIR K40    W     N29032693W100174310                    E0061     NAR          NEYIR
        SUSAEAENRT   OCILU K40    W     N28500247W100291412                    E0061     NAR          OCILU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4A5T9     0     055YHN28512553W100304848E006000887         1800018000C    MNAR    MAVERICK COUNTY MEMORIAL INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4FR31   ACOT   010COT  K4D 0V       IF                                                  18000                A JS
        SUSAP 5T9 K4FR31   ACOT   020IYULIK4EA0E  A 020TF                    28140650    + 05000                                A JS
        SUSAP 5T9 K4FR31   ACOT   030LUYIKK4EA0EE   010TF                    21910050    + 03500                                A JS
        SUSAP 5T9 K4FR31   ARSG   010RSG  K4D 0V       IF                                                  18000                A JS
        SUSAP 5T9 K4FR31   ARSG   020NEYIRK4EA0E    020TF                    17380573    + 05000                                A JS
        SUSAP 5T9 K4FR31   ARSG   030IYULIK4EA0E    020TF                    17380165    + 05000                                A JS
        SUSAP 5T9 K4FR31   ARSG   040LUYIKK4EA0EE   010TF                    21910050    + 03500                                A JS
        SUSAP 5T9 K4FR31   ASAT   010SAT  K4D 0V       IF                                                  18000                A JS
        SUSAP 5T9 K4FR31   ASAT   020IYULIK4EA0E  A 020TF                    23631092    + 05000                                A JS
        SUSAP 5T9 K4FR31   ASAT   030LUYIKK4EA0EE   010TF                    21910050    + 03500                                A JS
        SUSAP 5T9 K4FR31   R      010LUYIKK4EA0E  I    IF                                + 03500     18000                      A JS
        SUSAP 5T9 K4FR31   R      020JINOVK4EA1E  F 051TF                    30910060    + 02500                  RW31  K4PGA JS
        SUSAP 5T9 K4FR31   R      020JINOVK4EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP 5T9 K4FR31   R      021OCILUK4EA0E S  031TF                    30900034    V 0140001402        -300              A JS
```

CITY AND STATE	ELEVATION: 887 TDZE: 882	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 31, ORIG SEP 25 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP 5T9 K4FR31   R      030RW31 K4PG0GY M 031TF                    30900015      00922            -300          A JS
SUSAP 5T9 K4FR31   R      040CEXEVK4EA0E M  010DF                                                                 A JS
SUSAP 5T9 K4FR31   R      050NEYIRK4EA0EY   010TF                    0556        + 04000                           A JS
SUSAP 5T9 K4FR31   R      060NEYIRK4EA0EE HR020HM                    17380040    + 04000                           A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 5T9 K4GRW31    0055063090 N28510627W100302659+0100    +0246200882000040100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 5T9 K4PR31   RW31 001 0000W31A0N2851062700W10030265900+024620300N2852094200W1003138360010675107200040OF40050058DEB221
       SUSAP 5T9 K4PR31   RW31 002E      +02689+02689LPV       63207          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 5T9 K4SRW31 K4PG              0   18018002825                                                              M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	ELEVATION: 887 TDZE: 882 AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 31, ORIG SEP 25 2008	AMDT: NONE DATED:

QUALITY 5

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COT	COT	010		IF		FB				
	COT	IYULI	020	IAF	TF		FB	2.0	281.4(287T)	065.0	05000
	COT	LUYIK	030		TF		FB	1.0	219.1(225T)	005.0	03500
	RSG	RSG	010		IF		FB				
	RSG	NEYIR	020		TF		FB	2.0	173.8(180T)	057.3	05000
	RSG	IYULI	030		TF		FB	2.0	173.8(180T)	016.5	05000
	RSG	LUYIK	040		TF		FB	1.0	219.1(225T)	005.0	03500
	SAT	SAT	010		IF		FB				
	SAT	IYULI	020	IAF	TF		FB	2.0	236.3(242T)	109.2	05000
	SAT	LUYIK	030		TF		FB	1.0	219.1(225T)	005.0	03500
		LUYIK	010	FACF	IF		FB				03500
		JINOV	020	FAF	TF		FB	0.5	309.1(315T)	006.0	02500
		OCILU	021	SDF	TF		FB	0.3	309.0(315T)	003.4	01400
		RW31	030	MAP	TF		FO	0.3	309.0(315T)	001.5	00922

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEXEV	040		DF		FB	1.0			
	NEYIR	050		TF		FO	1.0	055.6(062T)		04000
	NEYIR	060		HM	R	FO	2.0	173.8(180T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COT	N282743.24	W0990706.75	N2827.721	W09907.113
	RSG	N300052.57	W1001759.44	N3000.876	W10017.991
	SAT	N293838.51	W0982740.73	N2938.642	W09827.679
	CEXEV	N285511.94	W1003506.05	N2855.199	W10035.101
	IYULI	N284654.39	W1001738.37	N2846.907	W10017.640
	JINOV	N284738.34	W1002630.52	N2847.639	W10026.509
	LUYIK	N284321.99	W1002140.03	N2843.367	W10021.667
	NEYIR	N290326.93	W1001743.10	N2903.449	W10017.718
	OCILU	N285002.47	W1002914.12	N2850.041	W10029.235
	RW31	N285106.27	W1003026.59	N2851.105	W10030.443

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00882	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
EAGLE PASS, TX	**ELEVATION: 887 TDZE: 882** AIRPORT NAME: **MAVERICK COUNTY MEMORIAL INTL**	**RNAV**	**RNAV (GPS) RWY 31, ORIG** SEP 25 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 13, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 13, VEHICLE ON ROAD 171' FROM DER, 393' RIGHT OF CENTERLINE, 15' AGL/894' MSL.**

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
EAGLE PASS, TX	MAVERICK COUNTY MEMORIAL INTL	SEP 25 2008	ORIG

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet. MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE _____ OUTBOUND ____ FT WITHIN ____ MILES OF _____ (IAF)
2. _____
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____
4. MIN. ALT _____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE SEP 25 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	**ELEVATION: 873 TDZE: 870** AIRPORT NAME: **BOURLAND FIELD**	**GPS**	**GPS RWY 17, ORIG-A, 08/13/2002**	SUP AMDT **ORIG** DATE **2/26/98**

LITY
9
CHECKLIST

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE SEP 25 2008

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	**ELEVATION: 873 TDZE: 862** AIRPORT NAME: **BOURLAND FIELD**	**GPS**	**GPS RWY 35, ORIG-A, 08/13/2002**	SUP AMDT **ORIG** DATE **2/26/98**

QUALITY CHECKED

FAA FORM 8260-5 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MQP VORTAC (IAF)	FIFFY (FB)	076.17 / 19.06	3000
FIFFY (IF)	ACADO (FB)	165.40 / 6.14	2500

MISSED APPROACH

LNAV: RW17

CLIMBING RIGHT TURN TO 3000 DIRECT FIFFY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 165.40 INBOUND.
FAS OBST: 1229 AAO 323853N/0973715W
ACADO TO RW17: 3.04/40.
CHART: CLEBURNE AWOS-3 119.525
CHART TDZE 873

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FIFFY
3. FAC: 165.41 FAF: ACADO DIST FAF TO MAP: 4.93 THLD: 4.93
4. MIN. ALT: FIFFY 3000, ACADO 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW17 3600

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1520	1	647	1520	1	647	1520	1 3/4	647		NA				
CIRCLING	1580	1	707	1580	1	707	1600	2	727		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE CLEBURNE ALTIMETER SETTING, WHEN NOT RECEIVED, USE FORT WORTH MEACHAM INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	ELEVATION: 873 TDZE: 873 AIRPORT NAME: BOURLAND FIELD	RNAV	RNAV (GPS) RWY 17, ORIG SEP 25 2008	SUP: AMDT: NONE DATED

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        MQP   K4011770VTHW N32433425W097595079    N32433425W097595079E009000900      NARMILLSAP

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   ACADO K40    W     N32400347W097362189                    E0044     NAR          ACADO
       SUSAEAENRT   FIFFY K40    W     N32460833W097372711                    E0044     NAR          FIFFY

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 50F K4A50F     0     040YHN32345440W097352680E006000873        1800018000C    MNAR    BOURLAND FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 50F K4FR17   AMQP   010MQP  K4D 0V  A    IF                                                18000              B JS
       SUSAP 50F K4FR17   AMQP   020FIFFYK4EA0EE   010TF                    07620191    + 03000                         B JS
       SUSAP 50F K4FR17   R      010FIFFYK4EA0E  I    IF                              + 03000     18000               B JS
       SUSAP 50F K4FR17   R      020ACADOK4EA1E  F 051TF                    16540061    + 02500                RW17  K4PGB JS
       SUSAP 50F K4FR17   R      020ACADOK4EA2WN          N          ALNAV                                            JS
       SUSAP 50F K4FR17   R      030RW17 K4PG0GY M 031TF                    16540049      00910           -304        B JS
       SUSAP 50F K4FR17   R      040FIFFYK4EA0EYM R010DF                            + 03000                         B JS
       SUSAP 50F K4FR17   R      050FIFFYK4EA0EE HR020HM                    16540040    + 03000                         B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 50F K4GRW17    0037001654 N32351059W097352965-0900    +02371008700392400 60R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP 50F K4SRW17 K4PG              0   18018003625                                                                  M
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CITY AND STATE	ELEVATION: 873 TDZE: 873	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: BOURLAND FIELD	RNAV	RNAV (GPS) RWY 17, ORIG SEP 25 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MQP	MQP	010	IAF	IF		FB				
	MQP	FIFFY	020		TF		FB	1.0	076.2(082T)	019.1	03000
		FIFFY	010	FACF	IF		FB				03000
		ACADO	020	FAF	TF		FB	0.5	165.4(171T)	006.1	02500
		RW17	030	MAP	TF		FO	0.3	165.4(171T)	004.9	00910

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FIFFY	040		DF	R	FO	1.0			03000
	FIFFY	050		HM	R	FO	2.0	165.4(171T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MQP	N324334.25	W0975950.79	N3243.571	W09759.847
	ACADO	N324003.47	W0973621.89	N3240.058	W09736.365
	FIFFY	N324603.33	W0973727.11	N3246.139	W09737.452
	RW17	N323510.59	W0973529.65	N3235.177	W09735.494

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00870	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	**ELEVATION: 873 TDZE: 873** AIRPORT NAME: **BOURLAND FIELD**	**RNAV**	**RNAV (GPS) RWY 17, ORIG** SEP 25 2008	SUP: AMDT: **NONE** DATED:

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEN VORTAC	KNEAD (FB)	064.11 / 21.19	3000
KNEAD (IAF)	ADAXY (FB)	326.00 / 7.70	3000
ADAXY (IF)	IKITY (FB)	345.44 / 6.12	2500

MISSED APPROACH

LNAV: RW35

CLIMB TO 3000 DIRECT FIFFY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 165.40 INBOUND.
FAS OBST: 1269 AAO 323100N/0973545W
IKITY TO RW35: 3.04/40.
CHART TDZE 866
CHART CLEBURNE AWOS-3 119.525

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ADAXY
3. FAC: 345.43 FAF: IKITY DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: ADAXY 3000, IKITY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW35 3600

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ____ | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1560	1	694	1560	1	694	1560	2	694		NA				
CIRCLING	1580	1	707	1580	1	707	1600	2	727		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLEN ROSE VORTAC VIA V18-94 WESTBOUND
SEE 8260-10

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	ELEVATION: 873 TDZE: 866 AIRPORT NAME: BOURLAND FIELD	RNAV	RNAV (GPS) RWY 35, ORIG SEP 25 2008	SUP: AMDT: NONE DATED

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
CHART NOTE: USE CLEBURNE ALTIMETER SETTING, WHEN NOT RECEIVED USE FORT WORTH MEACHAM INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND INCREASE CIRCLING CAT B AND C VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 873 TDZE: 866	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: **BOURLAND FIELD**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** SEP 25 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

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ARINC PACKET - 424-18

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        JEN   K4011500VTLW N32093452W097523965    N32093452W097523965E006001300      NARGLEN ROSE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ADAXY K40    W     N32233449W097332585                        E0044     NAR           ADAXY
        SUSAEAENRT   FIFFY K40    W     N32460833W097372711                        E0044     NAR           FIFFY
        SUSAEAENRT   IKITY K40    W     N32293849W097343052                        E0044     NAR           IKITY
        SUSAEAENRT   KNEAD K40    C   L N32164565W097290961                        E0044     NAR           KNEAD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 50F K4A50F     0     040YHN32345440W097352680E006000873         1800018000C    MNAR    BOURLAND FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 50F K4FR35   AJEN   010JEN  K4D 0V       IF                                                18000              B JS
        SUSAP 50F K4FR35   AJEN   020KNEADK4EA0E  A 020TF                    06410212    + 03000                          B JS
        SUSAP 50F K4FR35   AJEN   030ADAXYK4EA0EE   010TF                    32600077    + 03000                          B JS
        SUSAP 50F K4FR35   R      010ADAXYK4EA0E  I    IF                               + 03000    18000                 B JS
        SUSAP 50F K4FR35   R      020IKITYK4EA1E  F 051TF                    34540061    + 02500                RW35  K4PGB JS
        SUSAP 50F K4FR35   R      020IKITYK4EA2WN         N          ALNAV                                                JS
        SUSAP 50F K4FR35   R      030RW35 K4PG0GY M 031TF                    34540050      00879          -304            B JS
        SUSAP 50F K4FR35   R      040FIFFYK4EA0EYM  010DF                               + 03000                          B JS
        SUSAP 50F K4FR35   R      050FIFFYK4EA0EE HR020HM                    16540040    + 03000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 50F K4GRW35    0038323454 N32343693W097352365+0900    +0227700839026040060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 873 TDZE: 866	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT WORTH, TX	AIRPORT NAME: BOURLAND FIELD	RNAV	RNAV (GPS) RWY 35, ORIG SEP 25 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP 50F K4SRW35 K4PG              0   18018003625                                  M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	**ELEVATION: 873 TDZE: 866** AIRPORT NAME: **BOURLAND FIELD**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** SEP 25 2008	SUP: AMDT: **NONE** DATED:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JEN	JEN	010		IF		FB				
	JEN	KNEAD	020	IAF	TF		FB	2.0	064.1(070T)	021.2	03000
	JEN	ADAXY	030		TF		FB	1.0	326.0(332T)	007.7	03000
		ADAXY	010	FACF	IF		FB				03000
		IKITY	020	FAF	TF		FB	0.5	345.4(351T)	006.1	02500
		RW35	030	MAP	TF		FO	0.3	345.4(351T)	005.0	00879

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FIFFY	040		DF		FO	1.0			03000
	FIFFY	050		HM	R	FO	2.0	165.4(171T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JEN	N320934.52	W0975239.65	N3209.575	W09752.661
	ADAXY	N322334.49	W0973325.85	N3223.575	W09733.431
	FIFFY	N324608.33	W0973727.11	N3246.139	W09737.452
	IKITY	N322938.49	W0973430.52	N3229.642	W09734.509
	KNEAD	N321645.65	W0972909.61	N3216.761	W09729.160
	RW35	N323436.93	W0973523.65	N3234.616	W09735.394

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00839	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT WORTH, TX	ELEVATION: 873 TDZE: 866 AIRPORT NAME: BOURLAND FIELD	RNAV	RNAV (GPS) RWY 35, ORIG SEP 25 2008	SUP: AMDT: NONE DATED:

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BYP VORTAC	MAJOR LOM	153.38 / 24.38	2300
SLR VOR/DME	MAJOR LOM	256.63 / 26.36	2300

MISSED APPROACH

ILS: DA
LOC: 4.64 MILES AFTER GV LOM

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2300 DIRECT GV LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2300; OR WHEN DIRECTED BY ATC, CLIMB TO 2100 DIRECT SYW NDB AND HOLD S, RT, 356.17 INBOUND (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 175.73 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S SYW NDB, RT, 356.17.
CHART FAS OBST: 726 TOWER 330825N/0960409W
CHART IN PLANVIEW: SYW NDB.

1. PT L SIDE OF COURSE 355.73 OUTBOUND 2300 FT WITHIN 15 MILES OF MAJOR LOM (IAF)
2.
3. FAC: 175.73 FAF: MAJOR LOM DIST FAF TO MAP: 4.64 THLD: 4.64
4. MIN. ALT: MAJOR LOM 2200
5. DIST TO THLD FROM OM: 4.64 MM: 0.58 IM: - 150 HAT: - 100 HAT: - GS ANT: 951
6. MIN GS INCPT: 2200 GS ALT AT: MAJOR LOM OM: 2073 MM: 760 IM: -
7. GS ANGLE: 3.00 TCH: 56.3
8. MSA FROM: MAJOR LOM 2400

MAG VAR: 5E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD # LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17	734	3/4	200	734	3/4	200	734	3/4	200	734	3/4	200	734	3/4	200
S-LOC 17	1060	3/4	526	1060	3/4	526	1060	1 1/2	526	1060	1 3/4	526	1060	1 3/4	526
CIRCLING	1060	1	525	1060	1	525	1060	1 1/2	525	1100	2	565	1280	2 3/4	745

NOTES:
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRELL ALTIMETER SETTING AND INCREASE DA 64 FEET AND ALL MDA 80 FEET AND INCREASE S-ILS 17 ALL CATS VISIBILITY 1/4 MILE, S-LOC 17 CAT
SEE 8260-10

CAT E 800-2 3/4
@ CAT E 800-2 3/4
# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 535 TDZE: 534 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	MAJORS	I-GVT	ILS OR LOC RWY 17, AMDT 7 SEP 25 2008	AMDT: 6 DATED 02/16/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
A, B, C AND D VISIBILITY 1/4 MILE, CAT E VISIBILITY 1/2 MILE, AND CIRCLING CAT C AND E VISIBILITY 1/4 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 17 CAT C.
CHART NOTE: ADF REQUIRED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	**ELEVATION: 535 TDZE: 534** AIRPORT NAME: **MAJORS**	**I-GVT**	**ILS OR LOC RWY 17, AMDT 7** SEP 25 2008	AMDT: **6** DATED: **02/16/2006**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UIM VOR/DME	SYW NDB	271.93 / 35.90	2100
AVZ NDB	SYW NDB	028.64 / 16.15	2100

MISSED APPROACH

MAP: 3.77 MILES AFTER SYW NDB

CLIMB TO 2300 DIRECT GV LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 175.96 INBOUND.
FAS OBST: 729 AAO 325955N/0960411W
SYW NDB TO RW35: 3.19/55.

1. PT L SIDE OF COURSE 175.73 OUTBOUND 2100 FT WITHIN 15 MILES OF SYW NDB (IAF)
2.
3. FAC 355.73 FAF SYW NDB DIST FAF TO MAP 3.77 THLD 4.49
4. MIN. ALT SYW NDB 2100
8. MSA FROM: SYW NDB 2400

MAG VAR: 5E EPOCH YEAR:1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	980	1	449	980	1	449	980	1 1/4	449	980	1 1/2	449	980	1 1/2	449
CIRCLING	1040	1	505	1040	1	505	1040	1 1/2	505	1100	2	565	1280	2 3/4	745

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT AVZ NDB.
SEE 8260-10

@ CAT E 800-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GREENVILLE, TX	ELEVATION: 535 TDZE: 531 AIRPORT NAME: MAJORS	I-GVT	LOC BC RWY 35, AMDT 1B SEP 25 2008	AMDT 1A DATE 04/13/2006

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRELL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE S-35 CAT C, D, AND E VISIBILITY 1/4 MILE, CIRCLING CAT E VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GREENVILLE, TX	**ELEVATION: 535 TDZE: 531** AIRPORT NAME: **MAJORS**	**I-GVT**	**LOC BC RWY 35, AMDT 1B** SEP 25 2008	SUP: AMDT: **1A** DATED: **04/13/2006**

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PRX VOR/DME	UCECE (FB)	232.66 / 29.44	4000
UIM VOR/DME	UCECE (FB)	304.53 / 37.57	4000
BYP VORTAC (IAF)	CIPEX (NOPT) (FB)	145.72 / 17.69	4000
UCECE (IAF)	CIPEX (NOPT) (FB)	265.80 / 6.00	4000
IKOYA (IAF)	CIPEX (NOPT) (FB)	085.64 / 8.50	4000
CIPEX (IF/IAF)	POCNI (FB)	175.73 / 7.00	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT VECUN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.73 INBOUND.
CHART FAS OBST: 581 TREE 330521N/0960353W
FAS OBST: 789 AAO 330938N/0960241W
DISTANCE TO THLD FROM 264 HAT: 0.70 NM.
CHART VDP AT 1.46 MILES TO RW17* *LNAV ONLY.
WAAS CHANNEL # 86205
REFERENCE PATH ID: W17A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N CIPEX, RT, 175.73 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 175.73 FAF: POCNI DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: CIPEX 4000, POCNI 2200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: POCNI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.3 34:1 IS CLEAR
8. MSA FROM: RW17 2400

MAG VAR: 5E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	798	1	264	798	1	264	798	1	264	798	1	264	798	1	264
LNAV/VNAV DA	849	3/4	315	849	3/4	315	849	3/4	315	849	1	315	849	1	315
LNAV MDA	1060	3/4	526	1060	3/4	526	1060	1 1/2	526	1060	1 3/4	526	1060	1 3/4	526
CIRCLING	1060	1	525	1060	1	525	1060	1 1/2	525	1100	2	565	1280	2 3/4	745

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING TERRELL ALTIMETER SETTING.
SEE 8260-10

@ CAT E 800-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 535 TDZE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	AIRPORT NAME: MAJORS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 02/16/2006

FAA FORM 8260 - 3 / December 2002 (computer generated)

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRELL ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND MDA 80 FEET AND INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, LNAV/VNAV CAT A, B, AND C VISIBILITY 1/2 MILE, CAT D AND E VISIBILITY 1/4 MILE AND LNAV CAT C AND D VISIBILITY 1/4 MILE AND CAT E VISIBILITY 1/2 MILE AND CIRCLING CAT C AND E VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BYP VIA V573 NORTHEAST BOUND.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	**ELEVATION: 535 TDZE: 534** AIRPORT NAME: **MAJORS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/16/2006**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGVT
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	330443.9500N
LTP/FTP LONGITUDE	0960354.5600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01328
FPAP LATITUDE	330320.9800N
FPAP LONGITUDE	0960355.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00056.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	122.50
LENGTH OFFSET	0112
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7117595A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01584
FPAP ORTHOMETRIC HEIGHT	+01584

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        BYP   K4011460VTHA N33321495W096140274    N33321495W096140274E006000700      NARBONHAM
       SUSAD        PRX   K4011360VDLW N33323256W095265385    N33323256W095265385E007000510      NARPARIS
       SUSAD        UIM   K4011400VDLW N32524945W095220031    N32524945W095220031E008000520      NARQUITMAN

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CIPEX K40    W     N33164707W096034359                    E0038     NAR          CIPEX
       SUSAEAENRT   IKOYA K40    W   L N33165317W096135163                    E0038     NAR          IKOYA
       SUSAEAENRT   POCNI K40    W     N33094627W096034998                    E0038     NAR          POCNI
       SUSAEAENRT   UCECE K40    W     N33164227W095563422                    E0032     NAR          UCECE
       SUSAEAENRT   VECUN K40    W     N32512256W096040666                    E0039     NAR          VECUN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGVTK4AGVT     0      080YHN33040420W096035520E005000535          1800018000C     MNAR     MAJORS

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGVTK4FR17   ABYP    010BYP  K4D 0V  A     IF                                          18000                 A JS
       SUSAP KGVTK4FR17   ABYP    020CIPEXK4EA0EE    010TF                      14570177     + 04000                    A JS
       SUSAP KGVTK4FR17   ACIPEX  010CIPEXK4EA0EE CR   HF                      17570040     + 04000      18000         A JS
       SUSAP KGVTK4FR17   AIKOYA  010IKOYAK4EA0E  A     IF                                          18000                 A JS
       SUSAP KGVTK4FR17   AIKOYA  020CIPEXK4EA0EE    010TF                      08560085     + 04000                    A JS
       SUSAP KGVTK4FR17   APRX    010PRX  K4D 0V       IF                                          18000                 A JS
       SUSAP KGVTK4FR17   APRX    020UCECEK4EA0E  A 020TF                      23270294     + 04000                    A JS
       SUSAP KGVTK4FR17   APRX    030CIPEXK4EA0EE    010TF                      26580060     + 04000                    A JS
       SUSAP KGVTK4FR17   AUIM    010UIM  K4D 0V       IF                                          18000                 A JS
       SUSAP KGVTK4FR17   AUIM    020UCECEK4EA0E  A 020TF                      30450376     + 04000                    A JS
       SUSAP KGVTK4FR17   AUIM    030CIPEXK4EA0EE    010TF                      26580060     + 04000                    A JS
       SUSAP KGVTK4FR17   R       010CIPEXK4EA0E  I     IF                                  + 04000      18000         A JS
       SUSAP KGVTK4FR17   R       020POCNIK4EA1E  F 051TF                      17570070     + 02200                RW17  K4PGA JS
       SUSAP KGVTK4FR17   R       020POCNIK4EA2WALPV       ALNAV/VNAV ALNAV                                                JS
       SUSAP KGVTK4FR17   R       030RW17 K4PG0GY M 031TF                      17570050       00576              -300      A JS
```

CITY AND STATE	ELEVATION: 535 TDZE: 534	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	AIRPORT NAME: MAJORS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 02/16/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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SUSAP KGVTK4FR17   R      040VECUNK4EA0EYM  010DF                              + 04000                          A JS
SUSAP KGVTK4FR17   R      050VECUNK4EA0EE HR020HM                   35570040    + 04000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------

       SUSAP KGVTK4GRW17    0080301757 N33044395W096035456+0100    +0132800520000056150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------

       SUSAP KGVTK4PR17   RW17 001 0000W17A0N3304439500W0960354560O+013280300N3303209800W096035582001225001120005 63F4005007117595A
       SUSAP KGVTK4PR17   RW17 002E      +01584+01584LPV       86205          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------

       SUSAP KGVTK4SRW17 K4PG              0   18018002425                                                              M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	ELEVATION: 535 TDZE: 534 AIRPORT NAME: MAJORS	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 02/16/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BYP	BYP	010	IAF	IF		FB				
	BYP	CIPEX	020		TF		FB	1.0	145.7(151T)	017.7	04000
	CIPEX	CIPEX	010		HF	R	FB		175.7(181T)	004.0	04000
	IKOYA	IKOYA	010	IAF	IF		FB				
	IKOYA	CIPEX	020		TF		FB	1.0	085.6(091T)	008.5	04000
	PRX	PRX	010		IF		FB				
	PRX	UCECE	020	IAF	TF		FB	2.0	232.7(238T)	029.4	04000
	PRX	CIPEX	030		TF		FB	1.0	265.8(271T)	006.0	04000
	UIM	UIM	010		IF		FB				
	UIM	UCECE	020	IAF	TF		FB	2.0	304.5(310T)	037.6	04000
	UIM	CIPEX	030		TF		FB	1.0	265.8(271T)	006.0	04000
		CIPEX	010	FACF	IF		FB				04000
		POCNI	020	FAF	TF		FB	0.5	175.7(181T)	007.0	02200
		RW17	030	MAP	TF		FO	0.3	175.7(181T)	005.0	00576

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	VECUN	040		DF		FO	1.0			04000
	VECUN	050		HM	R	FO	2.0	355.7(001T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BYP	N333214.95	W0961402.74	N3332.249	W09614.046
	PRX	N333232.56	W0952653.85	N3332.543	W09526.898
	UIM	N325249.45	W0952200.31	N3252.824	W09522.005
	CIPEX	N331647.07	W0960343.59	N3316.785	W09603.727
	IKOYA	N331653.17	W0961351.63	N3316.886	W09613.861
	POCNI	N330946.27	W0960349.98	N3309.771	W09603.833
	UCECE	N331642.27	W0955634.22	N3316.705	W09556.570
	VECUN	N325122.56	W0960406.66	N3251.376	W09604.111
	RW17	N330443.95	W0960354.56	N3304.733	W09603.909

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00520	56

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	**ELEVATION: 535 TDZE: 534** AIRPORT NAME: **MAJORS**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/16/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLR VOR/DME	HAXOS (FB)	220.06 / 29.08	4000
HAXOS (IAF)	VECUN (NOPT) (FB)	265.79 / 6.00	4000
ROCKK (IAF)	VECUN (NOPT) (FB)	313.44 / 13.13	4000
CINOK (IAF)	VECUN (NOPT) (FB)	085.64 / 7.96	4000
VECUN (IF/IAF)	GUYSE (FB)	355.73 / 6.99	2200

MISSED APPROACH

LNAV: RW35

CLIMB TO 4000 DIRECT CIPEX AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 175.73 INBOUND.
CHART FAS OBST: 629 TREE 330150N/0960334W
CHART: 659 TREE 330126N/0960345W
CHART VDP AT 0.98 MILES TO RW35.
GUYSE TO RW35: 3.04/55.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S VECUN, RT, 355.73 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 355.73 FAF: GUYSE DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: VECUN 4000, GUYSE 2200, JUSUB/1.80 NM TO RW35 1140
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW35 2400

MAG VAR: 5E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	900	1	369	900	1	369	900	1	369	900	1 1/4	369	900	1 1/4	369
CIRCLING	1040	1	505	1040	1	505	1040	1 1/2	505	1100	2	565	1280	2 3/4	745

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: VDP NA WHEN USING TERRELL ALTIMETER SETTING.
SEE 8260-10

@ CAT E 800-2 3/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 535 TDZE: 531	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	AIRPORT NAME: MAJORS	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 02/16/2006

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT ROCKK.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRELL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CAT C, D, AND E VISIBILITY 1/4 MILE AND CIRCLING CAT E VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	**ELEVATION: 535 TDZE: 531** AIRPORT NAME: **MAJORS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/16/2008**

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAD        SLR    K4010900VDLW N33115482W095323335    N33115482W095323335E008000508      NARSULPHUR SPRINGS

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CINOK K40    W   L N32512830W096133359                    E0039     NAR          CINOK
       SUSAEAENRT   CIPEX K40    W     N33164707W096034359                    E0038     NAR          CIPEX
       SUSAEAENRT   GUYSE K40    W     N32582276W096040032                    E0039     NAR          GUYSE
       SUSAEAENRT   HAXOS K40    W     N32511776W095565934                    E0032     NAR          HAXOS
       SUSAEAENRT   JUSUB K40    W     N33013631W096035740                    E0038     NAR          JUSUB
       SUSAEAENRT   ROCKK K40    C   L N32413212W095534600                    E0032     NAR          ROCKK
       SUSAEAENRT   VECUN K40    W     N32512256W096040666                    E0039     NAR          VECUN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGVTK4AGVT      0      080YHN33040420W096035520E005000535         1800018000C     MNAR     MAJORS

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGVTK4FR35    ACINOK 010CINOKK4EA0E  A    IF                                                18000                B JS
       SUSAP KGVTK4FR35    ACINOK 020VECUNK4EA0EE   010TF                    08560080    + 04000                                B JS
       SUSAP KGVTK4FR35    AROCKK 010ROCKKK4EA0E  A    IF                                                18000                B JS
       SUSAP KGVTK4FR35    AROCKK 020VECUNK4EA0EE   010TF                    31340131    + 04000                                B JS
       SUSAP KGVTK4FR35    ASLR   010SLR  K4D 0V       IF                                                18000                B JS
       SUSAP KGVTK4FR35    ASLR   020HAXOSK4EA0E  A 020TF                    22010291    + 04000                                B JS
       SUSAP KGVTK4FR35    ASLR   030VECUNK4EA0EE   010TF                    26580060    + 04000                                B JS
       SUSAP KGVTK4FR35    AVECUN 010VECUNK4EA0EE CR   HF                    35570040    + 04000     18000                      B JS
       SUSAP KGVTK4FR35    R      010VECUNK4EA0E  I    IF                                + 04000     18000                      B JS
       SUSAP KGVTK4FR35    R      020GUYSEK4EA1E  F 051TF                    35570070    + 02200                 RW35  K4PGB JS
       SUSAP KGVTK4FR35    R      020GUYSEK4EA2WN          N          ALNAV                                                    JS
       SUSAP KGVTK4FR35    R      021JUSUBK4EA0E S  031TF                    35570032    V 0114001155        -304               B JS
       SUSAP KGVTK4FR35    R      030RW35 K4PG0GY M    TF                    35570018      00579             -304               B JS
       SUSAP KGVTK4FR35    R      040CIPEXK4EA0EYM  010DF                                + 04000                                B JS
       SUSAP KGVTK4FR35    R      050CIPEXK4EA0EE HR020HM                    17570040    + 04000                                B JS
```

CITY AND STATE	ELEVATION: 535 TDZE: 531	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	AIRPORT NAME: **MAJORS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/16/2006**

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KGVTK4GRW35     0080303557 N33032451W096035576-0100     +013420052400005515OR

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KGVTK4SRW35 K4PG               0   18018002425                                                              M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	ELEVATION: 535 TDZE: 531 AIRPORT NAME: MAJORS	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG DATED: 02/16/2006

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CINOK	CINOK	010	IAF	IF		FB				
	CINOK	VECUN	020		TF		FB	1.0	085.6(091T)	008.0	04000
	ROCKK	ROCKK	010	IAF	IF		FB				
	ROCKK	VECUN	020		TF		FB	1.0	313.4(318T)	013.1	04000
	SLR	SLR	010		IF		FB				
	SLR	HAXOS	020	IAF	TF		FB	2.0	220.1(225T)	029.1	04000
	SLR	VECUN	030		TF		FB	1.0	265.8(271T)	006.0	04000
	VECUN	VECUN	010		HF	R	FB		355.7(001T)	004.0	04000
		VECUN	010	FACF	IF		FB				04000
		GUYSE	020	FAF	TF		FB	0.5	355.7(001T)	007.0	02200
		JUSUB	021	SDF	TF		FB	0.3	355.7(001T)	003.2	01140
		RW35	030	MAP	TF		FO		355.7(001T)	001.8	00579

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIPEX	040		DF		FO	1.0			04000
	CIPEX	050		HM	R	FO	2.0	175.7(181T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SLR	N331154.82	W0953233.35	N3311.914	W09532.556
	CINOK	N325128.30	W0961333.59	N3251.472	W09613.560
	CIPEX	N331647.07	W0960343.59	N3316.785	W09603.727
	GUYSE	N325822.76	W0960400.32	N3258.379	W09604.005
	HAXOS	N325117.76	W0955659.34	N3251.296	W09556.989
	JUSUB	N330136.31	W0960357.40	N3301.605	W09603.957
	ROCKK	N324132.12	W0955346.00	N3241.535	W09553.767
	VECUN	N325122.56	W0960406.66	N3251.376	W09604.111
	RW35	N330324.51	W0960355.76	N3303.409	W09603.929

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00524	55

CITY AND STATE	ELEVATION: 535 TDZE: 531	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, TX	AIRPORT NAME: **MAJORS**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	AMDT: **ORIG** DATED: **02/16/2006**

CHECKED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING 1,832' FROM DER, 397' RIGHT OF CENTERLINE, UP TO 49' AGL/578' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GREENVILLE, TX	MAJORS	SEP 25 2008	1

QUALITY CHECK

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KAHAN	PILCI (FB)	175.80 / 26.53	3000
PILCI (IAF)	SOSOC (FB)	264.61 / 6.00	3000
NELEE (IAF)	SOSOC (FB)	292.63 / 22.23	3000
SOSOC (IF)	JOBIX (FB)	354.56 / 6.04	2400

MISSED APPROACH

LNAV: RW35L

CLIMB TO 3000 DIRECT OVOSE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 174.56 INBOUND.
CHART FAS OBST: 668 TOWER 272943N/0992816W
CHART VDP AT 1.36 MILES TO RW35L.
JOBIX TO RW35L: 3.05/63.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SOSOC
3. FAC: 354.56 FAF: JOBIX DIST FAF TO MAP: 5.73 THLD: 5.73
4. MIN. ALT: SOSOC 3000, JOBIX 2400, WAMUT/3.00 NM TO RW35L 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW35L 2600

MAG VAR: 8E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	980	1	483	980	1	483	980	1 1/4	483	980	1 1/2	483	980	1 3/4	483
CIRCLING	980	1	472	980	1	472	980	1 1/2	472	1060	2	552	1240	2 1/2	732

NOTES:
CHART NOTE: CIRCLING NA W OF RWYS 14 AND 35L.
CHART NOTE: DME/DME RNP-0.3 NA.

@ CAT E 800-2 1/2

CITY AND STATE	ELEVATION: 508 TDZE: 497	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED

QUALITY

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JOBIX K40    W     N27261385W099280624                    E0055     NAR          JOBIX
        SUSAEAENRT   KAHAN K40    C   L N27462724W099194215                    E0056     NAR          KAHAN
        SUSAEAENRT   NELEE K40    C   B N27085066W099065548                    E0056     NAR          NELEE
        SUSAEAENRT   OVOSE K40    W     N27444255W099271058                    E0055     NAR          OVOSE
        SUSAEAENRT   PILCI K40    W     N27195432W099214059                    E0056     NAR          PILCI
        SUSAEAENRT   SOSOC K40    W     N27201061W099282441                    E0056     NAR          SOSOC
        SUSAEAENRT   WAMUT K40    W     N27285774W099275803                    E0056     NAR          WAMUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4ALRD     0     082YHN27323750W099274160E008000508         1800018000C    MNAR    LAREDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4FR35L  AKAHAN 010KAHANK4EA0E       IF                                                18000               B JS
        SUSAP KLRDK4FR35L  AKAHAN 020PILCIK4EA0E  A 020TF                    17580265    + 03000                            B JS
        SUSAP KLRDK4FR35L  AKAHAN 030SOSOCK4EA0EE   010TF                    26460060    + 03000                            B JS
        SUSAP KLRDK4FR35L  ANELEE 010NELEEK4EA0E  A    IF                                                 18000               B JS
        SUSAP KLRDK4FR35L  ANELEE 020SOSOCK4EA0EE   010TF                    29260222    + 03000                            B JS
        SUSAP KLRDK4FR35L  R      010SOSOCK4EA0E  I    IF                                + 03000          18000               B JS
        SUSAP KLRDK4FR35L  R      020JOBIXK4EA1E  F 051TF                    35460060    + 02400                RW35L K4PGB JS
        SUSAP KLRDK4FR35L  R      020JOBIXK4EA2WN         N          ALNAV                                                  JS
        SUSAP KLRDK4FR35L  R      021WAMUTK4EA0E S  031TF                    35460027    V 0150001512       -305            B JS
        SUSAP KLRDK4FR35L  R      030RW35LK4PG0GY M 031TF                    35460030      00547            -305            B JS
        SUSAP KLRDK4FR35L  R      040OVOSEK4EA0EYM  010DF                                + 03000                            B JS
        SUSAP KLRDK4FR35L  R      050OVOSEK4EA0EE HL020HM                    17460040    + 03000                            B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4GRW35L   0077103546 N27315806W099274899+0300     +0123600484012063150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 508 TDZE: 497	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED:

QUALITY

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```
SUSAP KLRDK4SRW35LK4PG              0    18018002625                                                                M
```

CITY AND STATE	ELEVATION: 508 TDZE: 497	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 35L, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED:

QUALITY

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KAHAN	KAHAN	010		IF		FB				
	KAHAN	PILCI	020	IAF	TF		FB	2.0	175.8(184T)	026.5	03000
	KAHAN	SOSOC	030		TF		FB	1.0	264.6(273T)	006.0	03000
	NELEE	NELEE	010	IAF	IF		FB				
	NELEE	SOSOC	020		TF		FB	1.0	292.6(301T)	022.2	03000
		SOSOC	010	FACF	IF		FB				03000
		JOBIX	020	FAF	TF		FB	0.5	354.6(003T)	006.0	02400
		WAMUT	021	SDF	TF		FB	0.3	354.6(003T)	002.7	01500
		RW35L	030	MAP	TF		FO	0.3	354.6(003T)	003.0	00547

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OVOSE	040		DF		FO	1.0			03000
	OVOSE	050		HM	L	FO	2.0	174.6(183T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOBIX	N272613.85	W0992806.24	N2726.231	W09928.104
	KAHAN	N274627.24	W0991942.15	N2746.454	W09919.703
	NELEE	N270850.66	W0990655.48	N2708.844	W09906.925
	OVOSE	N274442.55	W0992710.58	N2744.709	W09927.176
	PILCI	N271954.32	W0992140.59	N2719.905	W09921.677
	SOSOC	N272010.61	W0992824.41	N2720.177	W09928.407
	WAMUT	N272857.74	W0992758.03	N2728.962	W09927.967
	RW35L	N273158.06	W0992748.99	N2731.968	W09927.817

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35L	00484	63

CITY AND STATE	ELEVATION: 508 TDZE: 497	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**RNAV**	**RNAV (GPS) RWY 35L, AMDT 1** SEP 25 2008	AMDT: **ORIG**
				DATED:

QUALITY

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CQY VORTAC (IAF)	FIXOX/I-HQZ 10.00 DME (NOPT)	319.00 / 27.89	2000
FIXOX/I-HQZ 10.00 DME (IF)	JUG NDB/I-HQZ 3.94 DME	354.88 / 6.06	1700

MISSED APPROACH

MAP: 3.46 MILES AFTER JUG NDB OR AT I-HQZ 0.49 DME FIX

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2000 DIRECT JUG NDB/I-HQZ 3.94 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 354.88 INBOUND.
CHART FAS OBST: 483 TREE 324350N/0963148W

1. PT **L** SIDE OF COURSE **174.88** OUTBOUND **2000** FT WITHIN **10** MILES OF **JUG NDB** (IAF)
2.
3. FAC **354.88** FAF **JUG NDB/I-HQZ 3.94 DME** DIST FAF TO MAP **3.46** THLD **4.23**
4. MIN. ALT **JECCA NDB 1700**
8. MSA FROM: **JUG NDB 360-180 2100, 180-270 3600, 270-360 2400**

MAG VAR: **6E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	800	1	357	800	1	357	800	1	357		NA				
CIRCLING	960	1	513	960	1	513	960	1 1/2	513		NA				

NOTES:

CHART NOTE: ADF REQUIRED.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. INCREASE S-35 CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MESQUITE, TX	**ELEVATION: 447 TDZE: 443** AIRPORT NAME: **MESQUITE METRO**	**I-HQZ**	**LOC BC RWY 35, AMDT 3** SEP 25 2008	SUP AMDT **2B** DATE **09/28/2006**

FAA FORM 8260-5 / December 2002 (computer generated)

QUALITY 2 ED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FINGR (IAF)	HUDIL (FB)	200.27 / 22.04	2900
KEYEG (IAF)	HUDIL (FB)	265.03 / 15.16	2900
HUDIL (IF)	RICOG (FB)	174.88 / 6.00	2000

MISSED APPROACH

LPV: DA
LNAV: RW17

CLIMB TO 3000 DIRECT IKUSE AND VIA 114.03 TRACK TO YEAGR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 360.00 INBOUND.
CHART FAS OBST: 505 APBN 324504N/0963200W
CHART 651 TANK 325009N/0963244W.
CHART 595 TOWER 324437N/0963115W.
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.
WAAS CHANNEL # 58301
REFERENCE PATH ID: W17A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HUDIL
3. FAC: 174.88 FAF: RICOG DIST FAF TO MAP: 4.64 THLD: 4.64
4. MIN. ALT: HUDIL 2900, RICOG 2000, TEVCU/1.50 NM TO RW17 980*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: RICOG OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.7 34:1 IS NOT CLEAR
8. MSA FROM: RW17 3600

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: ____ STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	697	3/4	250	697	3/4	250	697	3/4	250		NA				
LNAV MDA	860	1	413	860	1	413	860	1 1/4	413		NA				
CIRCLING	960	1	513	960	1	513	960	1 1/2	513		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET. INCREASE LPV VISIBILITY 1/4 MILE, ALL CATS.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA

CITY AND STATE	ELEVATION: 447 TDZE: 447	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHQZ
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	324518.7400N
LTP/FTP LONGITUDE	0963148.9700W
LTP/FTP ELLIPSOIDAL HEIGHT	+01104
FPAP LATITUDE	324412.4600N
FPAP LONGITUDE	0963150.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0216
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	50F22E8D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01359
FPAP ORTHOMETRIC HEIGHT	+01359

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MESQUITE, TX	ELEVATION: 447 TDZE: 447 AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG DATED: 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FINGR K40    C   L N33154765W096200179                    E0038     NAR           FINGR
        SUSAEAENRT   HUDIL K40    W     N32555892W096313731                    E0039     NAR           HUDIL
        SUSAEAENRT   IKUSE K40    W     N32393710W096315518                    E0039     NAR           IKUSE
        SUSAEAENRT   KEYEG K40    W   L N32554389W096133644                    E0039     NAR           KEYEG
        SUSAEAENRT   RICOG K40    W     N32495796W096314389                    E0039     NAR           RICOG
        SUSAEAENRT   TEVCU K40    W     N32464891W096314733                    E0039     NAR           TEVCU
        SUSAEAENRT   YEAGR K40    C   L N32334376W096195428                    E0039     NAR           YEAGR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4AHQZ     0     073YHN32444910W096314950E006000447         1800018000C    MNAR    MESQUITE METRO

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4FR17   AFINGR 010FINGRK4EA0E  A    IF                                                  18000                A JS
        SUSAP KHQZK4FR17   AFINGR 020HUDILK4EA0EE   010TF                    20030220    + 02900                                A JS
        SUSAP KHQZK4FR17   AKEYEG 010KEYEGK4EA0E  A    IF                                                  18000                A JS
        SUSAP KHQZK4FR17   AKEYEG 020HUDILK4EA0EE   010TF                    26500152    + 02900                                A JS
        SUSAP KHQZK4FR17   R      010HUDILK4EA0E  I    IF                                + 02900     18000                      A JS
        SUSAP KHQZK4FR17   R      020RICOGK4EA1E  F 051TF                    17490060    + 02000                 RW17  K4PGA JS
        SUSAP KHQZK4FR17   R      020RICOGK4EA2WALPV       N          ALNAV                                                    JS
        SUSAP KHQZK4FR17   R      021TEVCUK4EA0E S  031TF                    17490032    V 0098000982        -300               A JS
        SUSAP KHQZK4FR17   R      030RW17 K4PG0GY M 031TF                    17490015      00502             -300               A JS
        SUSAP KHQZK4FR17   R      040IKUSEK4EA0E M  010DF                                                                     A JS
        SUSAP KHQZK4FR17   R      050YEAGRK4EA0EY   010TF                    1140        + 03000                                A JS
        SUSAP KHQZK4FR17   R      060YEAGRK4EA0EE HR020HM                    36000040    + 03000                                A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4GRW17    0059991749 N32451874W096314897-0100    +01104004460000561001

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 447 TDZE: 447	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KHQZK4PR17    RW17 001 0000W17A0N3245187400W09631489700+011040300N3244124600W096315017001065002160005 57F40050050F22E8D
SUSAP KHQZK4PR17    RW17 002E       +01359+01359LPV        58301           000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KHQZK4SRW17 K4PG                0   18018003625                                                                    M
```

CITY AND STATE	ELEVATION: 447 TDZE: 447	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 17, AMDT 1 SEP 25 2008	AMDT: ORIG-A DATED: 09/28/2006

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FINGR	FINGR	010	IAF	IF		FB				
	FINGR	HUDIL	020		TF		FB	1.0	200.3(206T)	022.0	02900
	KEYEG	KEYEG	010	IAF	IF		FB				
	KEYEG	HUDIL	020		TF		FB	1.0	265.0(271T)	015.2	02900
		HUDIL	010	FACF	IF		FB				02900
		RICOG	020	FAF	TF		FB	0.5	174.9(181T)	006.0	02000
		TEVCU	021	SDF	TF		FB	0.3	174.9(181T)	003.2	00980
		RW17	030	MAP	TF		FO	0.3	174.9(181T)	001.5	00502

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IKUSE	040		DF		FB	1.0			
	YEAGR	050		TF		FO	1.0	114.0(120T)		03000
	YEAGR	060		HM	R	FO	2.0	360.0(006T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FINGR	N331547.65	W0962001.79	N3315.794	W09620.030
	HUDIL	N325558.92	W0963137.31	N3255.982	W09631.622
	IKUSE	N323937.10	W0963155.18	N3239.618	W09631.920
	KEYEG	N325543.89	W0961336.44	N3255.732	W09613.607
	RICOG	N324957.96	W0963143.89	N3249.966	W09631.732
	TEVCU	N324648.91	W0963147.33	N3246.815	W09631.789
	YEAGR	N323343.76	W0961954.28	N3233.729	W09619.905
	RW17	N324518.74	W0963148.97	N3245.312	W09631.816

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00446	56

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MESQUITE, TX	**ELEVATION: 447 TDZE: 447** AIRPORT NAME: **MESQUITE METRO**	**RNAV**	**RNAV (GPS) RWY 17, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** QUALITY CHECKED DATED: **09/28/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZONTO	YEAGR (FB)	263.43 / 5.54	3000
YEAGR (IAF)	WELED (FB)	263.35 / 10.25	2900
WELED (IF)	IKUSE (FB)	354.88 / 6.01	2000

MISSED APPROACH

LPV: DA
LNAV: RW35

CLIMB TO 3000 DIRECT RICOG AND VIA 084.88 TRACK TO OBDOE AND VIA 163.52 TRACK TO YEAGR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 360.00 INBOUND.
CHART FAS OBST: 499 TREE 324431N/0963158W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.31 MILES TO RW35* *LNAV ONLY.
WAAS CHANNEL # 78401
REFERENCE PATH ID: W35A
CHART: 595 TOWER 324437N/0963115W.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WELED
3. FAC: 354.88 FAF: IKUSE DIST FAF TO MAP: 4.69 THLD: 4.69
4. MIN. ALT: WELED 2900, IKUSE 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: IKUSE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.0 34:1 IS CLEAR
8. MSA FROM: RW35 3600

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	693	3/4	250	693	3/4	250	693	3/4	250		NA				
LNAV MDA	900	1	457	900	1	457	900	1 1/4	457		NA				
CIRCLING	960	1	513	960	1	513	960	1 1/2	513		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET. INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, INCREASE LNAV CAT C VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 447 TDZE: 443	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG DATED 09/28/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHQZ
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	324419.3900N
LTP/FTP LONGITUDE	0963150.0500W
LTP/FTP ELLIPSOIDAL HEIGHT	+01091
FPAP LATITUDE	324548.6600N
FPAP LONGITUDE	0963148.4300W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2A6F257E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01347
FPAP ORTHOMETRIC HEIGHT	+01347

CITY AND STATE	ELEVATION: 447 TDZE: 443	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 09/28/2006

QUALITY CHECKED

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IKUSE K40    W     N32393726W096315517                    E0039     NAR          IKUSE
        SUSAEAENRT   OBDOE K40    W     N32495122W096232550                    E0039     NAR          OBDOE
        SUSAEAENRT   RICOG K40    W     N32495796W096314389                    E0039     NAR          RICOG
        SUSAEAENRT   WELED K40    W     N32333618W096320172                    E0039     NAR          WELED
        SUSAEAENRT   YEAGR K40    C   L N32334376W096195428                    E0039     NAR          YEAGR
        SUSAEAENRT   ZONTO K40    W   L N32334723W096132113                    E0039     NAR          ZONTO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4AHQZ     0     073YHN32444910W096314950E006000447        1800018000C    MNAR    MESQUITE METRO

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4FR35   AZONTO 010ZONTOK4EA0E       IF                                                18000                A JS
        SUSAP KHQZK4FR35   AZONTO 020YEAGRK4EA0E  A 020TF                      26340055    + 03000                              A JS
        SUSAP KHQZK4FR35   AZONTO 030WELEDK4EA0EE   010TF                      26340103    + 02900                              A JS
        SUSAP KHQZK4FR35   R       010WELEDK4EA0E  I    IF                                + 02900    18000                     A JS
        SUSAP KHQZK4FR35   R       020IKUSEK4EA1E  F 051TF                    35490060    + 02000               RW35  K4PGA JS
        SUSAP KHQZK4FR35   R       020IKUSEK4EA2WALPV       N          ALNAV                                                 JS
        SUSAP KHQZK4FR35   R       030RW35 K4PG0GY M 031TF                    35490047      00486          -300               A JS
        SUSAP KHQZK4FR35   R       040RICOGK4EA0E M  010DF                                                                  A JS
        SUSAP KHQZK4FR35   R       050OBDOEK4EA0E    010TF                    0849                                          A JS
        SUSAP KHQZK4FR35   R       060YEAGRK4EA0EY   010TF                    1635        + 03000                           A JS
        SUSAP KHQZK4FR35   R       070YEAGRK4EA0EE HR020HM                    36000040    + 03000                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4GRW35    0059993549 N32441939W096315005+0100    +0109100442000044100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4PR35   RW35 001 0000W35A0N3244193900W09631500500+010910300N3245486600W0963148430010675092000044 0F4005002A6F257E
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CITY AND STATE	ELEVATION: 447 TDZE: 443	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESQUITE, TX	AIRPORT NAME: MESQUITE METRO	RNAV	RNAV (GPS) RWY 35, AMDT 1 SEP 25 2008	AMDT: ORIG
				DATED: 09/28/2008

QUALITY 2 CHECKED

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```
SUSAP KHQZK4PR35    RW35 002E       +01347+01347LPV        78401          000

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KHQZK4SRW35 K4PG                0   18018003625                                                                M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MESQUITE, TX	**ELEVATION: 447 TDZE: 443** AIRPORT NAME: **MESQUITE METRO**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **09/28/2006**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZONTO	ZONTO	010		IF		FB				
	ZONTO	YEAGR	020	IAF	TF		FB	2.0	263.4(269T)	005.5	03000
	ZONTO	WELED	030		TF		FB	1.0	263.4(269T)	010.3	02900
		WELED	010	FACF	IF		FB				02900
		IKUSE	020	FAF	TF		FB	0.5	354.9(001T)	006.0	02000
		RW35	030	MAP	TF		FO	0.3	354.9(001T)	004.7	00486

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RICOG	040		DF		FB	1.0			
	OBDOE	050		TF		FB	1.0	084.9(091T)		
	YEAGR	060		TF		FO	1.0	163.5(170T)		03000
	YEAGR	070		HM	R	FO	2.0	360.0(006T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IKUSE	N323937.26	W0963155.17	N3239.621	W09631.920
	OBDOE	N324951.22	W0962325.50	N3249.854	W09623.425
	RICOG	N324957.96	W0963143.89	N3249.966	W09631.732
	WELED	N323336.18	W0963201.72	N3233.603	W09632.029
	YEAGR	N323343.76	W0961954.28	N3233.729	W09619.905
	ZONTO	N323347.23	W0961321.13	N3233.787	W09613.352
	RW35	N324419.39	W0963150.05	N3244.323	W09631.834

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00442	44

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MESQUITE, TX	**ELEVATION: 447 TDZE: 443** AIRPORT NAME: **MESQUITE METRO**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** SEP 25 2008	SUP: AMDT: **ORIG** DATED: **09/28/2006**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

QUALITY CHECKED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 3, 17, 21, 35, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREE 948' FROM DER, 725' LEFT OF CENTERLINE, 50' AGL/3769'MSL.
NOTE: RWY 17, VEHICLE ON ROAD 99' FROM DER, 476' RIGHT OF CENTERLINE, 15' AGL/3699' MSL.
NOTE: RWY 35, VEHICLE ON ROAD 546' FROM DER, 527' LEFT OF CENTERLINE, 15' AGL/3714' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PLAINS, TX	YOAKUM COUNTY	SEP 25 2008	ORIG

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CSI VORTAC	REUBE INT/I-ANT 20.72 DME	104.78 / 25.75	4100
SAT VORTAC	ALAMO LOM/INT/I-ANT 7.43 DME	241.00 / 6.07	4000
STV VORTAC	REUBE INT/I-ANT 20.72 DME	177.97 / 27.19	4100
REUBE INT/I-ANT 20.72 DME (IAF)	HASDO INT/I-ANT 13.66 DME (NO PT)	123.60 / 7.06 (I-ANT)	3200
HASDO INT/I-ANT 13.66 DME (IF)	ALAMO LOM/INT/I-ANT 7.43 DME	123.60 / 6.23 (I-ANT)	2800

MISSED APPROACH

ILS: DA
LOC: 5.87 MILES AFTER ALAMO LOM/INT/I-ANT 7.43 DME OR AT I-ANT 1.56 DME FIX

CLIMB TO 3100 VIA HEADING 124 AND SAT R-160 TO EMBOW INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 210 AND CSI R-138 TO TRAGO INT AND HOLD NW, RT, 138.34 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW TRAGO INT, RT, 138.34.
CHART FAS OBST: 929 TOWER 293312N/0983009W
CHART A-635.
CHART VDP AT 3.31 DME;
DISTANCE VDP TO THLD 1.75 MILES.
CHART IN PLANVIEW: TRAGO INT.

1. PT L SIDE OF COURSE 303.60 OUTBOUND 3200 FT WITHIN 10 MILES OF ALAMO LOM (IAF)
2.
3. FAC: 123.60 FAF: ALAMO LOM/INT/I-ANT 7.43 DME DIST FAF TO MAP: 5.87 THLD: 5.87
4. MIN. ALT: ALAMO LOM/INT/I-ANT 7.43 DME 2800, JUPAG/I-ANT 3.40 DME/RADAR 1440*
5. DIST TO THLD FROM OM: 5.87 MM: 0.54 IM: 775 150 HAT: - 100 HAT: 805 GS ANT: 1195
6. MIN GS INCPT: 2800 GS ALT AT: GS INTCP OM: 2772 MM: 1043 IM: 910
7. GS ANGLE: 3.00 TCH: 57.7
8. MSA FROM: AN LOM 325-225 3200, 225-325 4100

MAG VAR: 8E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: # STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 12R	1009	1800	200	1009	1800	200	1009	1800	200	1009	1800	200			
S-LOC 12R	1440	2400	631	1440	2400	631	1440	6000	631	1440	1 1/2	631			
SIDESTEP 12L	1600	1	803	1600	1 1/4	803	1600	2 1/4	803	1600	2 1/2	803			
CIRCLING	1440	1	631	1440	1	631	1440	1 3/4	631	1440	2	631			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 12R: DA 909 MSL, 104 RA, RVR 1200, HAT 100; CAT A, B, C, D.
CAT A, B, C, D 700-2
CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 12R-30L.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 12R 809 TDZE: 12L 797 AIRPORT NAME: SAN ANTONIO INTL	I-ANT	ILS OR LOC RWY 12R, AMDT 14 ILS RWY 12R (CAT II) SEP 25 2008	SUP: AMDT: 13B DATED 07/31/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

MINIMUMS CONT.

CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
JUPAG FIX MINIMUMS															
S-LOC 12R	1240	2400	431	1240	2400	431	1240	4000	431	1240	5000	431			

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 12R 809 AIRPORT NAME: TDZE: 12L 797 SAN ANTONIO INTL	I-ANT	ILS OR LOC RWY 12R, AMDT 14 ILS RWY 12R (CAT II) SEP 25 2008	SUP: ILS RWY 12R AMDT: 13A DATED: 07/05/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SAT VORTAC	ROTTS INT/I-IZR 12.88 DME	140.66 / 18.33	3100
ROTTS INT/I-IZR 12.88 DME (IF/IAF)	WAKKS OM/INT/I-IZR 5.18 DME/RADAR	303.61 / 7.70 (I-IZR)	2600

MISSED APPROACH

ILS: DA
LOC: 5.35 MILES AFTER WAKKS OM/INT/I-IZR 5.18 DME/RADAR OR AT I-IZR 0.17 DME FIX

CLIMB TO 3000 DIRECT ALAMO LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 210 AND CSI VORTAC R-138 TO TRAGO INT AND HOLD NW, RT, 138.34 INBOUND.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ROTTS, LT, 303.61 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 303.61 FAF: WAKKS OM/INT/I-IZR 5.18 DME/RADAR DIST FAF TO MAP: 5.35 THLD: 5.35
4. MIN. ALT: ROTTS 3100, WAKKS OM/INT/I-IZR 5.18 DME/RADAR 2600, CIBUS/I-IZR 1.80 DME/RADAR 1360*
5. DIST TO THLD FROM OM: 5.35 MM: 0.44 IM: - 150 HAT: - 100 HAT: - GS ANT: 1055
6. MIN GS INCPT: 2600 GS ALT AT: GS INTCP OM: 2568 MM: 980 IM: -
7. GS ANGLE: 3.00 TCH: 59.9
8. MSA FROM: SAT VORTAC 225-315 4100, 315-225 3300

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 123.60 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW TRAGO INT, RT, 138.34.
CHART FAS OBST: 915 OL ON BLDG 293055N/0982655W
CHART 1098 TOWER 292953N/0982500W.
CHART A-635.
CHART VDP AT 1.41 DME;
DISTANCE VDP TO THLD 1.57 MILES.
CHART IN PLANVIEW: TRAGO INT.

MAG VAR: 8E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | ILS: STANDARD | LOC: STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 30L	*990	2400	200	*990	2400	200	*990	2400	200	*990	2400	200			
S-LOC 30L	1360	2400	570	1360	2400	570	1360	5000	570	1360	6000	570			
SIDESTEP 30R	1360	1	572	1360	1	572	1360	1 1/2	572	1360	2	572			
CIRCLING	1360	1	551	1360	1	551	1360	1 1/2	551	1380	2	571			

NOTES:
CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 12R-30L.
CHART NOTE: ADF REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 30L 790 TDZE: 30R 788 AIRPORT NAME: SAN ANTONIO INTL	I-IZR	ILS OR LOC RWY 30L, AMDT 10 SEP 25 2008	SUP: AMDT: 9A DATED 04/10/2008

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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MINIMUMS CONT.

CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIBUS FIX MINIMUMS															
S-LOC 30L	1200	2400	410	1200	2400	410	1200	4000	410	1200	4000	410			

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 30L 790 AIRPORT NAME: TDZE: 30R 788 SAN ANTONIO INTL	I-IZR	ILS OR LOC RWY 30L, AMDT 10 SEP 25 2008	SUP: AMDT: 9A DATED: 04/10/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WERUD (IAF)	HASDO (NOPT) (FB)	033.48 / 5.00	3500
JATAX (IAF)	HASDO (NOPT) (FB)	213.54 / 5.00	3500
HASDO (IF/IAF)	YEBUP (FB)	123.51 / 6.13	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12R

CLIMB TO 3100 DIRECT POYIG AND RIGHT TURN VIA 166.57 TRACK TO EMBOW AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HASDO, RT, 123.51 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 123.56 FAF: YEBUP DIST FAF TO MAP: 5.97 THLD: 5.97
4. MIN. ALT: HASDO 3500, YEBUP 2800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: YEBUP OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.7 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 340.00 INBOUND.
CHART FAS OBST: 976 ROD ON TWR 293223N/0982929W
FAS OBST: 1366 AAO 293641N/0983249W
CHART A-635.
DISTANCE TO THLD FROM 298 HAT: 0.75 NM.
CHART VDP AT 2.31 MILES TO RW12R* *LNAV ONLY.
WAAS CHANNEL # 82409
REFERENCE PATH ID: W12A

MAG VAR: 8E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1107	2400	298	1107	2400	298	1107	2400	298	1107	2400	298			
LNAV/VNAV DA	1340	6000	531	1340	6000	531	1340	6000	531	1340	6000	531			
LNAV MDA	1620	2400	811	1620	4000	811	1620	2	811	1620	2 1/4	811			
CIRCLING	1620	1	811	1620	1 1/4	811	1620	2 1/2	811	1620	2 3/4	811			

NOTES:
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE.
CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 12R-30L.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

@ CAT A, B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 809 AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 12R, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG-A DATED 04/15/2008

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TAA

	FROM	TO	ALT
1.	033/30 CW 214/30	033/5 CW 214/5	4100
2.	033/5 CW 214/5 (NOPT)	HASDO (IF/IAF) (FB)	3500
3.	214/30 CW 304/30	JATAX (IAF) (FB)	3500
4.	304/30 CW 033/30	WERUD (IAF) (FB)	3500

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 809 AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 12R, AMDT 1 SEP 25 2008	AMDT: ORIG-A DATED: 04/15/2008

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSAT
RUNWAY	RW12R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	293233.8900N
LTP/FTP LONGITUDE	0982907.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+02214
FPAP LATITUDE	293137.8900N
FPAP LONGITUDE	0982755.8400W
THRESHOLD CROSSING HEIGHT (TCH)	00057.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B42DD395

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02466
FPAP ORTHOMETRIC HEIGHT	+02466

CITY AND STATE	ELEVATION: 809 TDZE: 809	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 12R, AMDT 1 SEP 25 2008	AMDT: ORIG-A
				DATED: 04/15/2009

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EMBOW K40    C   L N29141749W098214668                    E0050     NAR           EMBOW
        SUSAEAENRT   HASDO K40    C     N29403669W098393118                    E0050     NAR           HASDO
        SUSAEAENRT   JATAX K40    W     N29442184W098354279                    E0050     NAR           JATAX
        SUSAEAENRT   POYIG K40    W     N29280025W098231593                    E0050     NAR           POYIG
        SUSAEAENRT   WERUD K40    W     N29365143W098431928                    E0050     NAR           WERUD
        SUSAEAENRT   YEBUP K40    W     N29363226W098341531                    E0050     NAR           YEBUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4ASAT     0     085YHN29320130W098281120E008000809         1800018000C    MNAR    SAN ANTONIO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4FR12R  AHASDO 010HASDOK4EA0EE CR   HF                    12350040    + 03500     18000                A JS
        SUSAP KSATK4FR12R  AJATAX 010JATAXK4EA0E  A    IF                                        18000                A JS
        SUSAP KSATK4FR12R  AJATAX 020HASDOK4EA0EE   010TF                    21350050    + 03500                          A JS
        SUSAP KSATK4FR12R  AWERUD 010WERUDK4EA0E  A    IF                                        18000                A JS
        SUSAP KSATK4FR12R  AWERUD 020HASDOK4EA0EE   010TF                    03350050    + 03500                          A JS
        SUSAP KSATK4FR12R  R      010HASDOK4EA0E  I    IF                                  + 03500     18000                A JS
        SUSAP KSATK4FR12R  R      020YEBUPK4EA1E  F 051TF                    12350061    + 02800                          A JS
        SUSAP KSATK4FR12R  R      020YEBUPK4EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KSATK4FR12R  R      030RW12RK4PG0GY M 031TF                    12360060      00867            -300          A JS
        SUSAP KSATK4FR12R  R      040POYIGK4EA0E M  010DF                                                                 A JS
        SUSAP KSATK4FR12R  R      050EMBOWK4EA0EY  R010TFY                   1666        + 03100                          A JS
        SUSAP KSATK4FR12R  R      060EMBOWK4EA0EE HR020HM                    34000040    + 03100                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSATK4GRW12R   0085021236 N29323389W098290795-0400     +0221400809000058150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
```

CITY AND STATE	ELEVATION: 809 TDZE: 809	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 12R, AMDT 1 SEP 25 2008	AMDT: ORIG-A
				DATED: 04/15/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KSATK4PR12R  RW12R001 0000W12A0N2932338900W09829079500+022140300N2931378900W098275584001067500080000577F400500B42DD395
SUSAP KSATK4PR12R  RW12R002E      +02466+02466LPV       82409          000
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	**ELEVATION: 809 TDZE: 809** AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (GPS) RWY 12R, AMDT 1** SEP 25 2008	AMDT: **ORIG-A** DATED: **04/15/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HASDO	HASDO	010		HF	R	FB		123.5(132T)	004.0	03500
	JATAX	JATAX	010	IAF	IF		FB				
	JATAX	HASDO	020		TF		FB	1.0	213.5(222T)	005.0	03500
	WERUD	WERUD	010	IAF	IF		FB				
	WERUD	HASDO	020		TF		FB	1.0	033.5(042T)	005.0	03500
		HASDO	010	FACF	IF		FB				03500
		YEBUP	020	FAF	TF		FB	0.5	123.5(132T)	006.1	02800
		RW12R	030	MAP	TF		FO	0.3	123.6(132T)	006.0	00867
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		POYIG	040		DF		FB	1.0			
		EMBOW	050		TF	R	FO	1.0	166.6(175T)		03100
		EMBOW	060		HM	R	FO	2.0	340.0(348T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EMBOW	N291417.49	W0982146.68	N2914.292	W09821.778
	HASDO	N294036.69	W0983931.18	N2940.612	W09839.520
	JATAX	N294421.84	W0983542.79	N2944.364	W09835.713
	POYIG	N292800.25	W0982315.93	N2928.004	W09823.266
	WERUD	N293651.43	W0984319.28	N2936.857	W09843.321
	YEBUP	N293632.26	W0983415.31	N2936.538	W09834.255
	RW12R	N293233.89	W0982907.95	N2932.565	W09829.133

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12R	00809	58

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	**ELEVATION: 809 TDZE: 809** AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (GPS) RWY 12R, AMDT 1** SEP 25 2008	AMDT: **ORIG-A** DATED: **04/15/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FENPI (IAF)	ROTTS (NOPT) (FB)	033.67 / 5.00	3100
HIMLA (IAF)	ROTTS (NOPT) (FB)	213.73 / 5.00	3100
ROTTS (IF/IAF)	POYIG (FB)	303.70 / 7.60	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30L

CLIMB TO 3000 DIRECT ALAMO LOM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 123.56 INBOUND.
CHART FAS OBST: 1098 TOWER 292953N/0982500W
CHART FAS OBST: 893 BLDG 293107N/0982712W
CHART A-635.
DISTANCE TO THLD FROM 417 HAT: 1.16 NM.
CHART VDP AT 1.57 MILES TO RW30L* *LNAV ONLY.
WAAS CHANNEL # 61209
REFERENCE PATH ID: W30A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ROTTS, LT, 303.70 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 303.65 FAF: POYIG DIST FAF TO MAP: 5.45 THLD: 5.45
4. MIN. ALT: ROTTS 3100, POYIG 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: POYIG OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 59.9 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 8E EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1207	5000	417	1207	5000	417	1207	5000	417	1207	5000	417			
LNAV/VNAV DA	1246	5000	456	1246	5000	456	1246	5000	456	1246	5000	456			
LNAV MDA	1360	2400	570	1360	2400	570	1360	5000	570	1360	6000	570			
CIRCLING	1360	1	551	1360	1	551	1360	1 1/2	551	1380	2	571			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILES.
CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 12R-30L.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 809 TDZE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 30L, AMDT 1 SEP 25 2008	AMDT: ORIG-A
				DATED 07/10/2003

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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TAA

	FROM	TO	ALT
1.	214/30 CW 034/30 (NOPT)	ROTTS (IF/IAF) (FB)	3100
2.	034/30 CW 124/30	034/10 CW 124/10	3200
3.	034/10 CW 124/10	FENPI (IAF) (FB)	3100
4.	124/30 CW 214/30	HIMLA (IAF) (FB)	3100

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 790 AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 30L, AMDT 1 SEP 25 2008	AMDT: ORIG-A DATED: 07/10/2003

CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSAT
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	293138.0000N
LTP/FTP LONGITUDE	0982755.9900W
LTP/FTP ELLIPSOIDAL HEIGHT	+02120
FPAP LATITUDE	293235.7200N
FPAP LONGITUDE	0982910.3200W
THRESHOLD CROSSING HEIGHT (TCH)	00059.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	94736406

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02373
FPAP ORTHOMETRIC HEIGHT	+02373

CHECKED

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ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ALAMO K40    R     N29362824W098341012                    E0050     NAR           ALAMO LOM
          SUSAEAENRT   FENPI K40    W     N29191179W098203431                    E0050     NAR           FENPI
          SUSAEAENRT   HIMLA K40    W     N29264089W098125744                    E0050     NAR           HIMLA
          SUSAEAENRT   POYIG K40    W     N29280025W098231593                    E0050     NAR           POYIG
          SUSAEAENRT   ROTTS K40    C     N29225639W098164601                    E0050     NAR           ROTTS

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSATK4ASAT     0     085YHN29320130W098281120E008000809         1800018000C    MNAR    SAN ANTONIO INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSATK4FR30L  AFENPI 010FENPIK4EA0E  A    IF                                          18000              A JS
          SUSAP KSATK4FR30L  AFENPI 020ROTTSK4EA0EE   010TF                    03370050    + 03100                     A JS
          SUSAP KSATK4FR30L  AHIMLA 010HIMLAK4EA0E  A    IF                                          18000              A JS
          SUSAP KSATK4FR30L  AHIMLA 020ROTTSK4EA0EE   010TF                    21370050    + 03100                     A JS
          SUSAP KSATK4FR30L  AROTTS 010ROTTSK4EA0EE CL   HF                    30370040    + 03100     18000           A JS
          SUSAP KSATK4FR30L  R      010ROTTSK4EA0E  I    IF                                + 03100     18000           A JS
          SUSAP KSATK4FR30L  R      020POYIGK4EA1E  F 051TF                    30370076    + 02600                     A JS
          SUSAP KSATK4FR30L  R      020POYIGK4EA2WALPV       ALNAV/VNAV ALNAV                                         JS
          SUSAP KSATK4FR30L  R      030RW30LK4PG0GY M 031TF                    30370054      00838          -300       A JS
          SUSAP KSATK4FR30L  R      040ALAMOK4EA0EYM  010DF                                 + 03000                     A JS
          SUSAP KSATK4FR30L  R      050ALAMOK4EA0EE HR020HM                    12360040    + 03000                     A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSATK4GRW30L   0085023036 N29313800W098275599+0400    +0212000778000060150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSATK4PR30L  RW30L001 0000W30A0N2931380000W09827559900+021200300N2932357200W0982910320010675008800059 9F40050094736406
          SUSAP KSATK4PR30L  RW30L002E      +02373+02373LPV       61209          000
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CITY AND STATE	ELEVATION: 809 TDZE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 30L, AMDT 1 SEP 25 2008	AMDT: ORIG-A
				DATED: 07/10/2003

CHECKED

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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN ANTONIO, TX	**ELEVATION: 809 TDZE: 790** AIRPORT NAME: **SAN ANTONIO INTL**	**RNAV**	**RNAV (GPS) RWY 30L, AMDT 1** SEP 25 2008	AMDT: **ORIG-A** DATED: **07/10/2008**

QUALITY CHECKED

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FENPI	FENPI	010	IAF	IF		FB				
	FENPI	ROTTS	020		TF		FB	1.0	033.7(042T)	005.0	03100
	HIMLA	HIMLA	010	IAF	IF		FB				
	HIMLA	ROTTS	020		TF		FB	1.0	213.7(222T)	005.0	03100
	ROTTS	ROTTS	010		HF	L	FB		303.7(312T)	004.0	03100
		ROTTS	010	FACF	IF		FB				03100
		POYIG	020	FAF	TF		FB	0.5	303.7(312T)	007.6	02600
		RW30L	030	MAP	TF		FO	0.3	303.7(312T)	005.4	00838

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ALAMO	040		DF		FO	1.0			03000
	ALAMO	050		HM	R	FO	2.0	123.6(132T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALAMO	N293628.24	W0983410.12	N2936.471	W09834.169
	FENPI	N291911.79	W0982034.31	N2919.197	W09820.572
	HIMLA	N292640.89	W0981257.44	N2926.682	W09812.957
	POYIG	N292800.25	W0982315.93	N2928.004	W09823.266
	ROTTS	N292256.39	W0981646.01	N2922.940	W09816.767
	RW30L	N293138.00	W0982755.99	N2931.633	W09827.933

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30L	00778	60

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN ANTONIO, TX	ELEVATION: 809 TDZE: 790 AIRPORT NAME: SAN ANTONIO INTL	RNAV	RNAV (GPS) RWY 30L, AMDT 1 SEP 25 2008	SUP: AMDT: ORIG-A DATED: 07/10/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. ____
3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____
4. MIN. ALT ____
8. MSA FROM:

MAG VAR: EPOCH YEAR:

TAKEOFF: | STANDARD | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A |

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:

25 SEP 2008

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE	ELEVATION: 144 TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BURLINGTON/MOUNT VERNON, WA	AIRPORT NAME: SKAGIT REGIONAL	GPS	GPS RWY 28, ORIG-A, 05/12/2000	AMDT ORIG
				DATE 2/29/96

FAA FORM 8260-5 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PAE VOR/DME	CERAM (FB)	000.15 / 24.15	5000
CERAM (IAF)	FOBSO (FB)	285.71 / 2.39	4600
FOBSO (IF)	HEROT (FB)	285.68 / 4.16	3600
HEROT	OPIXE (FB)	285.68 / 1.94	3100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 4000 DIRECT SOCLO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FOBSO
3. FAC: 285.59 FAF: OPIXE DIST FAF TO MAP: 9.06 THLD: 9.06
4. MIN. ALT: FOBSO 4600, HEROT 3600, OPIXE 3100, TOKSE/7.10 NM TO RW28 2440*, CEXBI/4.20 NM TO RW28 1480*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3100 GS ALT AT: OPIXE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 46.0 34:1 IS NOT CLEAR
8. MSA FROM: RW28 10600

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 105.25 INBOUND.
CHART FAS OBST: 233 TREE 482755N/1222448W
CHART FAS OBST: 295 TOWER 482608N/1222206W
DISTANCE TO THLD FROM 295 HAT: 0.87 NM.
CHART VDP AT 1.23 MILES TO RW28* *LNAV ONLY.
WAAS CHANNEL # 70407
REFERENCE PATH ID: W28A

MAG VAR: 21E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	421	1 1/4	295	421	1 1/4	295	421	1 1/4	295	421	1 1/4	295			
LNAV/VNAV DA	503	1 1/2	377	503	1 1/2	377	503	1 1/2	377	503	1 1/2	377			
LNAV MDA	600	1	474	600	1	474	600	1 1/4	474	600	1 1/2	474			
CIRCLING	660	1	516	660	1	516	660	1 1/2	516	700	2	556			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAE VOR/DME VIA V23 SOUTHEAST BOUND.
SEE 8260-10

CITY AND STATE	ELEVATION: 144 TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BURLINGTON/MOUNT VERNON, WA	AIRPORT NAME: SKAGIT RGNL	RNAV	RNAV (GPS) RWY 28, ORIG 25 SEP 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING FRIDAY HARBOR ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRIDAY HARBOR ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C AND D VISIBILITIES 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURLINGTON/MOUNT VERNON, WA	**ELEVATION: 144 TDZE: 126** AIRPORT NAME: **SKAGIT RGNL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBVS
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	482808.1265N
LTP/FTP LONGITUDE	1222445.9370W
LTP/FTP ELLIPSOIDAL HEIGHT	+00078
FPAP LATITUDE	482901.0100N
FPAP LONGITUDE	1222633.6700W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4806B706

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00297
FPAP ORTHOMETRIC HEIGHT	+00297

CITY AND STATE	ELEVATION: 144 TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURLINGTON/MOUNT VERNON, WA	AIRPORT NAME: SKAGIT RGNL	RNAV	RNAV (GPS) RWY 28, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

QUALITY CHECKED

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ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        PAE   K1011060VDLW N47551140W122164020    N47551210W122164180E020000674      NARPAINE                        I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CERAM K10    W     N48174101W122033747                    E0173     NAR           CERAM                     I
        SUSAEAENRT   CEXBI K10    W     N48253841W122194159                    E0173     NAR           CEXBI                     I
        SUSAEAENRT   FOBSO K10    W     N48190664W122062970                    E0173     NAR           FOBSO                     I
        SUSAEAENRT   HEROT K10    W     N48213552W122112988                    E0173     NAR           HEROT                     I
        SUSAEAENRT   OPIXE K10    W     N48224503W122135034                    E0173     NAR           OPIXE                     I
        SUSAEAENRT   SOCLO K10    W     N48361929W122413098                    E0173     NAR           SOCLO                     I
        SUSAEAENRT   TOKSE K10    W     N48235489W122161173                    E0173     NAR           TOKSE                     I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBVSK1ABVS      0     054YHN48281520W122251510E021000144         1800018000C    MNAR    SKAGIT RGNL               I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBVSK1FR28   APAE   010PAE  K1D 0V       IF                                                  18000                A JS   I
        SUSAP KBVSK1FR28   APAE   020CERAMK1EA0E    020TF                      00020242    + 05000                              A JS   I
        SUSAP KBVSK1FR28   APAE   030FOBSOK1EA0EE   010TF                      28570024    + 04600                              A JS   I
        SUSAP KBVSK1FR28   R      010FOBSOK1EA0E  I    IF                                 + 04600     18000                    A JS   I
        SUSAP KBVSK1FR28   R      011HEROTK1EA0E S  051TF                      28570042    + 03600                              A JS   I
        SUSAP KBVSK1FR28   R      020OPIXEK1EA1E  F 051TF                      28570019    + 03100                 RW28  K1PGA JS   I
        SUSAP KBVSK1FR28   R      020OPIXEK1EA2WALPV       ALNAV/VNAV ALNAV                                                    JS   I
        SUSAP KBVSK1FR28   R      021TOKSEK1EA0E S  031TF                      28560020    V 0244002451        -300             A JS   I
        SUSAP KBVSK1FR28   R      022CEXBIK1EA0E S  031TF                      28560031    V 0148001498        -300             A JS   I
        SUSAP KBVSK1FR28   R      030RW28 K1PG0GY M 031TF                      28560042      00144             -300             A JS   I
        SUSAP KBVSK1FR28   R      040SOCLOK1EA0EYM  010DF                                  + 04000                              A JS   I
        SUSAP KBVSK1FR28   R      050SOCLOK1EA0EE HR020HM                      10530050    + 04000                              A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 144 TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURLINGTON/MOUNT VERNON, WA	AIRPORT NAME: **SKAGIT RGNL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 25 SEP 2008	AMDT: **NONE**
				DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
SUSAP KBVSK1GRW28    0054772855 N48280813W122244594+0800    +0007800098000046100R                                                I

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KBVSK1PR28   RW28 001 0000W28A0N4828081265W12224459370+000780300N4829010100W1222633670010675108000046OF4005004806B706I
SUSAP KBVSK1PR28   RW28 002E      +00297+00297LPV       70407          000                                                    I

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KBVSK1SRW28 K1PG               0   18018010625                                                                  M   I
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BURLINGTON/MOUNT VERNON, WA	**ELEVATION: 144 TDZE: 126** AIRPORT NAME: **SKAGIT RGNL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PAE	PAE	010		IF		FB				
	PAE	CERAM	020		TF		FB	2.0	000.2(021T)	024.2	05000
	PAE	FOBSO	030		TF		FB	1.0	285.7(307T)	002.4	04600
		FOBSO	010	FACF	IF		FB				04600
		HEROT	011	SDF	TF		FB	0.5	285.7(307T)	004.2	03600
		OPIXE	020	FAF	TF		FB	0.5	285.7(307T)	001.9	03100
		TOKSE	021	SDF	TF		FB	0.3	285.6(307T)	002.0	02440
		CEXBI	022	SDF	TF		FB	0.3	285.6(307T)	003.1	01480
		RW28	030	MAP	TF		FO	0.3	285.6(307T)	004.2	00144

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SOCLO	040		DF		FO	1.0			04000
	SOCLO	050		HM	R	FO	2.0	105.3(126T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PAE	N475511.40	W1221640.20	N4755.190	W12216.670
	CERAM	N481741.01	W1220337.47	N4817.684	W12203.625
	CEXBI	N482538.41	W1221941.59	N4825.640	W12219.693
	FOBSO	N481906.64	W1220629.70	N4819.111	W12206.495
	HEROT	N482135.52	W1221129.88	N4821.592	W12211.498
	OPIXE	N482245.03	W1221350.34	N4822.751	W12213.839
	SOCLO	N483619.29	W1224130.98	N4836.322	W12241.516
	TOKSE	N482354.89	W1221611.73	N4823.915	W12216.196
	RW28	N482808.13	W1222445.94	N4828.136	W12224.766

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00098	46

CITY AND STATE	ELEVATION: 144 TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BURLINGTON/MOUNT VERNON, WA	AIRPORT NAME: **SKAGIT RGNL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FALAR (IAF)	WEROK (NOPT) (FB)	022.13 / 9.12	3000
WEROK (IF/IAF)	PUCYI (FB)	034.27 / 6.10	2500

MISSED APPROACH

LNAV: RW03

CLIMB TO 3000 DIRECT HEKOR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 214.50 INBOUND.
FAS OBST: 1399 AAO 435003N/0911909W
CHART: 2045 TOWER 434823N/0912203W
PUCYI TO RW03: 3.05/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WEROK, RT, 034.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 034.33 FAF: PUCYI DIST FAF TO MAP: 5.61 THLD: 5.61
4. MIN. ALT: WEROK 3000, PUCYI 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW03 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1660	1 1/4	1007	1660	1 1/2	1007	1660	3	1007	1660	3	1007			
CIRCLING	1660	1 1/4	1005	1660	1 1/2	1005	1660	3	1005	1780	3	1125			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE SEE 8260-10

@ CAT A, B 1100-2, CAT C 1100-3, CAT D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 3, ORIG 25 SEP 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.
ALL MDA 60 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FALAR VIA V246 SOUTHBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 653** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 3, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

QUALITY CHECKED

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ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FALAR K30    C   L N43342614W091301847                    W0006     NAR           FALAR
          SUSAEAENRT   HEKOR K50    W     N44021827W091051553                    W0008     NAR           HEKOR
          SUSAEAENRT   PUCYI K30    W     N43474091W091201082                    W0006     NAR           PUCYI
          SUSAEAENRT   WEROK K30    W     N43424575W091250992                    W0006     NAR           WEROK

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5ALSE     0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5FR03   AFALAR 010FALARK3EA0E  A    IF                                          18000                B JS
          SUSAP KLSEK5FR03   AFALAR 020WEROKK3EA0EE   010TF                    02210091    + 03000                      B JS
          SUSAP KLSEK5FR03   AWEROK 010WEROKK3EA0EE CR   HF                    03430040    + 03000     18000            B JS
          SUSAP KLSEK5FR03   R       010WEROKK3EA0E  I    IF                               + 03000     18000            B JS
          SUSAP KLSEK5FR03   R       020PUCYIK3EA1E  F 051TF                    03430061    + 02500                RW03  K5PGB JS
          SUSAP KLSEK5FR03   R       020PUCYIK3EA2WN          N          ALNAV                                           JS
          SUSAP KLSEK5FR03   R       030RW03 K5PG0GY M 031TF                    03430056      00687           -305       B JS
          SUSAP KLSEK5FR03   R       040HEKORK5EA0EYM  010DF                              + 03000                      B JS
          SUSAP KLSEK5FR03   R       050HEKORK5EA0EE HR020HM                    21450040    + 03000                      B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5GRW03     0052990344 N43521188W091153532+0100     +01654006470000040150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5SRW03 K5PG               0   18018003525                                                              M
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CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 3, ORIG 25 SEP 2008	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FALAR	FALAR	010	IAF	IF		FB				
	FALAR	WEROK	020		TF		FB	1.0	022.1(024T)	009.1	03000
	WEROK	WEROK	010		HF	R	FB		034.3(036T)	004.0	03000
		WEROK	010	FACF	IF		FB				03000
		PUCYI	020	FAF	TF		FB	0.5	034.3(036T)	006.1	02500
		RW03	030	MAP	TF		FO	0.3	034.3(036T)	005.6	00687

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEKOR	040		DF		FO	1.0			03000
	HEKOR	050		HM	R	FO	2.0	214.5(217T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FALAR	N433426.14	W0913018.47	N4334.436	W09130.308
	HEKOR	N440218.27	W0910515.53	N4402.305	W09105.259
	PUCYI	N434740.91	W0912010.82	N4347.682	W09120.180
	WEROK	N434245.75	W0912509.92	N4342.763	W09125.165
	RW03	N435211.88	W0911535.32	N4352.198	W09115.589

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00647	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 653** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 3, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PEGGS (IAF)	LAKRE (NOPT) (FB)	100.52 / 10.18	3000
LAKRE (IF/IAF)	JAKVI (FB)	132.22 / 6.00	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 3000 DIRECT COSUT AND VIA 117.03 TRACK TO WEVBA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 297.55 INBOUND.
CHART FAS OBST: 737 TREE 435325N/0911616W
DISTANCE TO THLD FROM 302 HAT: 0.81 NM.
WAAS CHANNEL # 56509
REFERENCE PATH ID: W13A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW LAKRE, RT, 132.22 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 132.29 FAF: JAKVI DIST FAF TO MAP: 6.48 THLD: 6.48
4. MIN. ALT: LAKRE 3000, JAKVI 2800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: JAKVI 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW13 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	957	1	302	957	1	302	957	1	302	957	1	302			
LNAV/VNAV DA	1019	1 1/4	364	1019	1 1/4	364	1019	1 1/4	364	1019	1 1/4	364			
LNAV MDA	1140	1	485	1140	1	485	1140	1 1/4	485	1140	1 1/2	485			
CIRCLING	1140	1	485	1140	1	485	1440	2 1/4	785	1780	3	1125			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING WINONA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ CAT C 800-2 1/4, CAT D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 655 TDZE: 655	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 13, ORIG 25 SEP 2008	AMDT: NONE
				DATED

QUALITY CHECKED 1

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PEGGS VIA V2-97 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE LPV ALL CATS DA 53 FEET, INCREASE LNAV/VNAV ALL CATS DA 84 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDA 60 FEET, INCREASE LNAV CATS C/D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	**ELEVATION: 655 TDZE: 655** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 13, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLSE
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	435306.2000N
LTP/FTP LONGITUDE	0911551.5305W
LTP/FTP ELLIPSOIDAL HEIGHT	+01681
FPAP LATITUDE	435203.8900N
FPAP LONGITUDE	0911423.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7E111F93

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01997
FPAP ORTHOMETRIC HEIGHT	+01997

CITY AND STATE	ELEVATION: 655 TDZE: 655	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 13, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   COSUT K50    W     N43514227W091135290                    W0006     NAR          COSUT                  G
          SUSAEAENRT   JAKVI K50    W     N43573774W091221620                    W0007     NAR          JAKVI                  G
          SUSAEAENRT   LAKRE K50    W     N44014911W091281362                    W0008     NAR          LAKRE                  G
          SUSAEAENRT   PEGGS K30    C   L N44040226W091415984                    W0008     NAR          PEGGS                  G
          SUSAEAENRT   WEVBA K50    W     N43460949W090594936                    W0015     NAR          WEVBA                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5ALSE     0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI             G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5FR13   ALAKRE 010LAKREK5EA0EE CR   HF                    13220040    + 03000     18000              A JS   G
          SUSAP KLSEK5FR13   APEGGS 010PEGGSK3EA0E  A    IF                                        18000              A JS   G
          SUSAP KLSEK5FR13   APEGGS 020LAKREK5EA0EE   010TF                    10050102    + 03000                        A JS   G
          SUSAP KLSEK5FR13   R      010LAKREK5EA0E  I    IF                              + 03000     18000              A JS   G
          SUSAP KLSEK5FR13   R      020JAKVIK5EA1E  F 051TF                    13220060    + 02800                RW13  K5PGA JS   G
          SUSAP KLSEK5FR13   R      020JAKVIK5EA2WALPV       ALNAV/VNAV ALNAV                                              JS   G
          SUSAP KLSEK5FR13   R      030RW13 K5PG0GY M 031TF                    13230065      00700           -300          A JS   G
          SUSAP KLSEK5FR13   R      040COSUTK5EA0E M  010DF                                                              A JS   G
          SUSAP KLSEK5FR13   R      050WEVBAK5EA0EY   010TF                    1170        + 03000                        A JS   G
          SUSAP KLSEK5FR13   R      060WEVBAK5EA0EE HR020HM                    29760040    + 03000                        A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5GRW13    0060501324 N43530620W091155153-0100    +0168100655000045150R                                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5PR13   RW13 001 0000W13A0N43530620000W09115515305+016810300N4352038900W0911423470010675112800045 0F4005007E111F93G
          SUSAP KLSEK5PR13   RW13 002E      +01997+01997LPV       56509          000                                          G
```

CITY AND STATE	ELEVATION: 655 TDZE: 655	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 13, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5SRW13 K5PG              0   18018003525                                                          M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 655** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 13, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LAKRE	LAKRE	010		HF	R	FB		132.2(134T)	004.0	03000
	PEGGS	PEGGS	010	IAF	IF		FB				
	PEGGS	LAKRE	020		TF		FB	1.0	100.5(103T)	010.2	03000
		LAKRE	010	FACF	IF		FB				03000
		JAKVI	020	FAF	TF		FB	0.5	132.2(134T)	006.0	02800
		RW13	030	MAP	TF		FO	0.3	132.3(134T)	006.5	00700

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COSUT	040		DF		FB	1.0			
	WEVBA	050		TF		FO	1.0	117.0(119T)		03000
	WEVBA	060		HM	R	FO	2.0	297.6(300T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COSUT	N435142.27	W0911352.90	N4351.705	W09113.882
	JAKVI	N435737.74	W0912216.20	N4357.629	W09122.270
	LAKRE	N440149.11	W0912813.62	N4401.819	W09128.227
	PEGGS	N440402.26	W0914159.84	N4404.038	W09141.997
	WEVBA	N434609.49	W0905949.36	N4346.158	W09059.823
	RW13	N435306.20	W0911551.53	N4353.103	W09115.859

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00655	45

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	ELEVATION: 655 TDZE: 655 AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 13, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CALMS (IAF)	POGOC (NOPT) (FB)	141.24 / 15.19	3500
POGOC (IF/IAF)	CIVCA (FB)	177.45 / 3.97	3000
CIVCA	OCIPO (FB)	177.45 / 2.24	2900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT JOMLO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 357.45 INBOUND.
CHART FAS OBST: 819 TREE 435503N/0911459W
CHART 1429 AAO 435941N/0911410W
DISTANCE TO THLD FROM 272 HAT: 0.68 NM.
CHART VDP AT 1.80 MILES TO RW18* *LNAV ONLY.
WAAS CHANNEL # 72809
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N POGOC, RT, 177.45 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 177.45 FAF: OCIPO DIST FAF TO MAP: 6.76 THLD: 6.76
4. MIN. ALT: POGOC 3500, CIVCA 3000, OCIPO 2900, CITID/2.90 NM TO RW18 1620*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: OCIPO 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW18 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | # STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	925	1/2	272	925	1/2	272	925	1/2	272	925	1/2	272			
LNAV/VNAV DA	1204	1 1/2	551	1204	1 1/2	551	1204	1 1/2	551	1204	1 1/2	551			
LNAV MDA	1360	1/2	707	1360	1/2	707	1360	1 1/2	707	1360	1 3/4	707			
CIRCLING	1280	1	625	1280	1	625	1440	2 1/4	785	1780	3	1125			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING WINONA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CALMS VIA V129 NORTH BOUND.
SEE 8260-10

@ CAT C 800-2 1/4, CAT D 1200-3
# NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 25 SEP 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
*** LNAV ONLY**
CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, INCREASE ALL MDA 60 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE. FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY 1/2 MILE. LNAV MINIMUMS NA WITH WINONA ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 653** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLSE
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	435335.6950N
LTP/FTP LONGITUDE	0911531.9515W
LTP/FTP ELLIPSOIDAL HEIGHT	+01672
FPAP LATITUDE	435211.2000N
FPAP LONGITUDE	0911530.8300W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F7366D56

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01989
FPAP ORTHOMETRIC HEIGHT	+01989

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

OBSOLETE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CALMS K50    C   L N44184457W091281926                    W0008     NAR           CALMS
        SUSAEAENRT   CITID K50    W     N43562971W091153426                    W0006     NAR           CITID
        SUSAEAENRT   CIVCA K50    W     N44023572W091153914                    W0008     NAR           CIVCA
        SUSAEAENRT   JOMLO K50    W   L N43384411W091152016                    W0006     NAR           JOMLO
        SUSAEAENRT   OCIPO K50    W     N44002118W091153734                    W0008     NAR           OCIPO
        SUSAEAENRT   POGOC K50    W     N44063392W091154232                    W0008     NAR           POGOC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5ALSE     0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5FR18   ACALMS 010CALMSK5EA0E  A    IF                                          18000                A JS
        SUSAP KLSEK5FR18   ACALMS 020POGOCK5EA0EE   010TF                    14120152    + 03500                      A JS
        SUSAP KLSEK5FR18   APOGOC 010POGOCK5EA0EE CR   HF                    17750040    + 03500     18000            A JS
        SUSAP KLSEK5FR18   R       010POGOCK5EA0E  I    IF                               + 03500     18000            A JS
        SUSAP KLSEK5FR18   R       011CIVCAK5EA0E S  051TF                    17750040    + 03000                      A JS
        SUSAP KLSEK5FR18   R       020OCIPOK5EA1E  F 051TF                    17750022    + 02900                RW18  K5PGA JS
        SUSAP KLSEK5FR18   R       020OCIPOK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KLSEK5FR18   R       021CITIDK5EA0E S  031TF                    17750039    V 0162001640      -300        A JS
        SUSAP KLSEK5FR18   R       030RW18 K5PG0GY M 031TF                    17750029      00708           -300        A JS
        SUSAP KLSEK5FR18   R       040JOMLOK5EA0EYM  010DF                               + 03000                      A JS
        SUSAP KLSEK5FR18   R       050JOMLOK5EA0EE HR020HM                    35750040    + 03000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5GRW18    0085361775 N43533570W091153195-0100    +0167200653000055150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5PR18   RW18 001 0000W18A0N4353356950W09115319515+016720300N4352112000W09115308300106750000000550F400500F7366D56
```

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 25 SEP 2008	AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
        SUSAP KLSEK5PR18    RW18 002E       +01989+01989LPV        72809          000

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLSEK5SRW18 K5PG                0   18018003525                                                                M
```

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CALMS	CALMS	010	IAF	IF		FB				
	CALMS	POGOC	020		TF		FB	1.0	141.2(143T)	015.2	03500
	POGOC	POGOC	010		HF	R	FB		177.5(180T)	004.0	03500
		POGOC	010	FACF	IF		FB				03500
		CIVCA	011	SDF	TF		FB	0.5	177.5(180T)	004.0	03000
		OCIPO	020	FAF	TF		FB	0.5	177.5(180T)	002.2	02900
		CITID	021	SDF	TF		FB	0.3	177.5(180T)	003.9	01620
		RW18	030	MAP	TF		FO	0.3	177.5(180T)	002.9	00708

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOMLO	040		DF		FO	1.0			03000
	JOMLO	050		HM	R	FO	2.0	357.5(360T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CALMS	N441844.57	W0912819.26	N4418.743	W09128.321
	CITID	N435629.71	W0911534.26	N4356.495	W09115.571
	CIVCA	N440235.72	W0911539.14	N4402.595	W09115.652
	JOMLO	N433844.11	W0911520.16	N4338.735	W09115.336
	OCIPO	N440021.18	W0911537.34	N4400.353	W09115.622
	POGOC	N440633.92	W0911542.32	N4406.565	W09115.705
	RW18	N435335.70	W0911531.95	N4353.595	W09115.533

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00653	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	ELEVATION: 655 TDZE: 653 AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SAUCY (IAF)	HEKOR (NOPT) (FB)	217.36 / 11.62	3000
HEKOR (IF/IAF)	PUPIC (FB)	214.50 / 6.10	2500

MISSED APPROACH

LNAV: RW21

CLIMB TO 3100 DIRECT WEROK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 034.27 INBOUND.
FAS OBST: 1559 AAO 435556N/0911046W
PUPIC TO RW21: 3.04/40

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE HEKOR, RT, 214.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 214.44 FAF: PUPIC DIST FAF TO MAP: 5.59 THLD: 5.59
4. MIN. ALT: HEKOR 3000, PUPIC 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW21 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: ____ STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ____ @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1820	1 1/4	1166	1820	1 1/2	1166	1820	3	1166	1820	3	1166			
CIRCLING	1820	1 1/4	1165	1820	1 1/2	1165	1820	3	1165	1820	3	1165			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE
SEE 8260-10

@ CAT A, B 1200-2, CAT C, D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 655 TDZE: 654	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 21, ORIG 25 SEP 2008	AMDT: NONE
				DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
ALL MDA 60 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAUCY VIA V246 NORTHEASTBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 654** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 21, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   HEKOR K50    W     N44021827W091051553                    W0008     NAR          HEKOR
          SUSAEAENRT   PUPIC K50    W     N43572379W091101708                    W0006     NAR          PUPIC
          SUSAEAENRT   SAUCY K50    R   L N44111786W090550251                    W0017     NAR          SAUCY
          SUSAEAENRT   WEROK K30    W     N43424575W091250992                    W0006     NAR          WEROK

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5ALSE      0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5FR21    AHEKOR 010HEKORK5EA0EE CR   HF                  21450040    + 03000     18000                B JS
          SUSAP KLSEK5FR21    ASAUCY 010SAUCYK5EA0E  A    IF                                      18000                B JS
          SUSAP KLSEK5FR21    ASAUCY 020HEKORK5EA0EE   010TF                  21740116    + 03000                          B JS
          SUSAP KLSEK5FR21    R      010HEKORK5EA0E  I    IF                              + 03000     18000                B JS
          SUSAP KLSEK5FR21    R      020PUPICK5EA1E  F 051TF                  21450061    + 02500                RW21  K5PGB JS
          SUSAP KLSEK5FR21    R      020PUPICK5EA2WN         N          ALNAV                                              JS
          SUSAP KLSEK5FR21    R      030RW21 K5PG0GY M 031TF                  21440056      00693           -304           B JS
          SUSAP KLSEK5FR21    R      040WEROKK3EA0EYM  010DF                          + 03100                          B JS
          SUSAP KLSEK5FR21    R      050WEROKK3EA0EE HR020HM                  03430040    + 03100                          B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5GRW21    0052992144 N43525401W091145241-0100    +01674006530000401 50R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5SRW21 K5PG              0   18018003525                                                              M
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CITY AND STATE	ELEVATION: 655 TDZE: 654	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 21, ORIG 25 SEP 2008	AMDT: NONE DATED:

QUALITY CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEKOR	HEKOR	010		HF	R	FB		214.5(217T)	004.0	03000
	SAUCY	SAUCY	010	IAF	IF		FB				
	SAUCY	HEKOR	020		TF		FB	1.0	217.4(219T)	011.6	03000
		HEKOR	010	FACF	IF		FB				03000
		PUPIC	020	FAF	TF		FB	0.5	214.5(217T)	006.1	02500
		RW21	030	MAP	TF		FO	0.3	214.4(216T)	005.6	00693

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WEROK	040		DF		FO	1.0			03100
	WEROK	050		HM	R	FO	2.0	034.3(036T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HEKOR	N440218.27	W0910515.53	N4402.305	W09105.259
	PUPIC	N435723.79	W0911017.08	N4357.397	W09110.285
	SAUCY	N441117.86	W0905502.51	N4411.298	W09055.042
	WEROK	N434245.75	W0912509.92	N4342.763	W09125.165
	RW21	N435254.01	W0911452.41	N4352.900	W09114.874

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00653	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	**ELEVATION: 655 TDZE: 654** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 21, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEBYE (IAF)	WEVBA (NOPT) (FB)	323.25 / 9.37	3000
WEVBA (IF/IAF)	MUGDE (FB)	297.55 / 6.20	2800

MISSED APPROACH

LNAV: WAKEP

CLIMB TO 3000 DIRECT HISUN AND VIA 314.85 TRACK TO LAKRE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 132.22 INBOUND.
CHART FAS OBST: 1300 TOWER 435058N/0911209W
CHART VDP AT 2.43 MILES TO RW31.
MUGDE TO WAKEP: 3.04/59
FAC CROSSES RWY C/L EXTENDED 2627 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE WEVBA, RT, 297.55 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 297.46 FAF: MUGDE DIST FAF TO MAP: 6.06 THLD: 6.48
4. MIN. ALT: WEVBA 3000, MUGDE 2800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW31 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1640	1 1/4	986	1640	1 1/2	986	1640	3	986	1640	3	986			
CIRCLING	1640	1 1/4	985	1640	1 1/2	985	1640	3	985	1780	3	1125			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WEBYE VIA V2-97-171 SOUTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

@ CAT A, B 1000-2, CAT C 1000-3, CAT D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	ELEVATION: 655 TDZE: 654 AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 31, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	**ELEVATION: 655 TDZE: 654** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 31, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   HISUN K50    W     N43531019W091165856                    W0006    NAR          HISUN                  G
          SUSAEAENRT   LAKRE K50    W     N44014911W091281362                    W0008    NAR          LAKRE                  G
          SUSAEAENRT   MUGDE K50    W     N43491274W091071631                    W0007    NAR          MUGDE                  G
          SUSAEAENRT   WAKEP K50    W     N43521139W091143406                    W0006    NAR          WAKEP                  G
          SUSAEAENRT   WEBYE K50    C   L N43382789W090522727                    W0015    NAR          WEBYE                  G
          SUSAEAENRT   WEVBA K50    W     N43460949W090594936                    W0015    NAR          WEVBA                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5ALSE     0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI         G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5FR31   AWEBYE 010WEBYEK5EA0E  A    IF                                          18000              B JS   G
          SUSAP KLSEK5FR31   AWEBYE 020WEVBAK5EA0EE   010TF                    32330094    + 03000                      B JS   G
          SUSAP KLSEK5FR31   AWEVBA 010WEVBAK5EA0EE CR   HF                    29760040    + 03000     18000            B JS   G
          SUSAP KLSEK5FR31   R      010WEVBAK5EA0E  I    IF                                + 03000     18000            B JS   G
          SUSAP KLSEK5FR31   R      020MUGDEK5EA1E  F 051TF                    29760062    + 02800                WAKEP K5EAB JS   G
          SUSAP KLSEK5FR31   R      020MUGDEK5EA2WN          N          ALNAV                                          JS   G
          SUSAP KLSEK5FR31   R      030WAKEPK5EA0EY M 031TF                    29750061      00852          -304        B JS   G
          SUSAP KLSEK5FR31   R      040HISUNK5EA0E M  010DF                                                          B JS   G
          SUSAP KLSEK5FR31   R      050LAKREK5EA0EY   010TF                    3149        + 03000                      B JS   G
          SUSAP KLSEK5FR31   R      060LAKREK5EA0EE HR020HM                    13220040    + 03000                      B JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5GRW31    0053113124 N43522953W091145970+0100    +0167300653073959150R                                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5SWAKEPK5EA              0   18018003525                                                          M   G
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	ELEVATION: 655 TDZE: 654 AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 31, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WEBYE	WEBYE	010	IAF	IF		FB				
	WEBYE	WEVBA	020		TF		FB	1.0	323.3(325T)	009.4	03000
	WEVBA	WEVBA	010		HF	R	FB		297.6(300T)	004.0	03000
		WEVBA	010	FACF	IF		FB				03000
		MUGDE	020	FAF	TF		FB	0.5	297.6(300T)	006.2	02800
		WAKEP	030	MAP	TF		FO	0.3	297.5(300T)	006.1	00852

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HISUN	040		DF		FB	1.0			
	LAKRE	050		TF		FO	1.0	314.9(317T)		03000
	LAKRE	060		HM	R	FO	2.0	132.2(134T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HISUN	N435310.19	W0911658.56	N4353.170	W09116.976
	LAKRE	N440149.11	W0912813.62	N4401.819	W09128.227
	MUGDE	N434912.74	W0910716.31	N4349.212	W09107.272
	WAKEP	N435211.39	W0911434.06	N4352.190	W09114.568
	WEBYE	N433827.89	W0905227.27	N4338.465	W09052.455
	WEVBA	N434609.49	W0905949.36	N4346.158	W09059.823
	RW31	N435229.53	W0911459.70	N4352.492	W09114.995

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00653	59

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	ELEVATION: 655 TDZE: 654 AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 31, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOMLO (IF/IAF)	CIVMI (FB)	357.45 / 8.03	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 3500 DIRECT POGOC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 177.45 INBOUND.
CHART FAS OBST: 735 TREE 435143N/0911555W
FAS OBST: 879 AAO 434855N/0911445W
DISTANCE TO THLD FROM 300 HAT: 0.80 NM.
CHART VDP AT 1.46 MILES TO RW36* *LNAV ONLY.
WAAS CHANNEL # 86509
REFERENCE PATH ID: W36A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S JOMLO, RT, 357.45 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 357.45 FAF: CIVMI DIST FAF TO MAP: 5.57 THLD: 5.57
4. MIN. ALT: JOMLO 3000, CIVMI 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: CIVMI 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW36 3500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	953	1	300	953	1	300	953	1	300	953	1	300			
LNAV/VNAV DA	1203	2	550	1203	2	550	1203	2	550	1203	2	550			
LNAV MDA	1140	1	487	1140	1	487	1140	1 1/4	487	1140	1 1/2	487			
CIRCLING	1140	1	485	1140	1	485	1440	2 1/4	785	1780	3	1125			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING WINONA ALTIMETER SETTING.
SEE 8260-10

@ CAT C 800-2 1/4, CAT D 1200-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 25 SEP 2008	AMDT: NONE
				DATED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINONA ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, INCREASE ALL MDA 60 FEET AND LNAV CATS C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	**ELEVATION: 655 TDZE: 653** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 25 SEP 2008	AMDT: **NONE** DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLSE
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	435220.5395N
LTP/FTP LONGITUDE	0911530.9560W
LTP/FTP ELLIPSOIDAL HEIGHT	+01658
FPAP LATITUDE	435349.6400N
FPAP LONGITUDE	0911532.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0432
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EA3DFD37

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01975
FPAP ORTHOMETRIC HEIGHT	+01975

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CIVMI K50    W     N43464609W091152653                    W0006     NAR          CIVMI
          SUSAEAENRT   JOMLO K50    W   L N43384411W091152016                    W0006     NAR          JOMLO
          SUSAEAENRT   POGOC K50    W     N44063392W091154232                    W0008     NAR          POGOC

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5ALSE     0     085YHN43524560W091152390E002000655         1800018000C    MNAR    LA CROSSE MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5FR36   AJOMLO 010JOMLOK5EA0EE CR   HF                    35750040    + 03000     18000                A  S
          SUSAP KLSEK5FR36   R      010JOMLOK5EA0E  I    IF                                          18000                A  S
          SUSAP KLSEK5FR36   R      020CIVMIK5EA1E  F 051TF                    35750080    + 02500                 RW36  K5PGA  S
          SUSAP KLSEK5FR36   R      020CIVMIK5EA2WALPV       ALNAV/VNAV ALNAV                                                  S
          SUSAP KLSEK5FR36   R      030RW36 K5PG0GY M 031TF                    35750056      00698           -300          A  S
          SUSAP KLSEK5FR36   R      040POGOCK5EA0EYM  010DF                              + 03500                         A  S
          SUSAP KLSEK5FR36   R      050POGOCK5EA0EE HR020HM                    17750040    + 03500                         A  S

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5GRW36    0076113575 N43522054W091153096+0100    +016580064809255O150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5PR36   RW36 001 0000W36A0N4352205395W09115309560+016580300N4353496400W09115321400106750432000500F400500EA3DFD37
          SUSAP KLSEK5PR36   RW36 002E      +01975+01975LPV       86509          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLSEK5SRW36 K5PG               0   18018003525                                                                M
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CITY AND STATE	ELEVATION: 655 TDZE: 653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LA CROSSE, WI	AIRPORT NAME: LA CROSSE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 25 SEP 2008	AMDT: NONE
				DATED:

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOMLO	JOMLO	010		HF	R	FB		357.5(360T)	004.0	03000
		JOMLO	010	FACF	IF		FB				
		CIVMI	020	FAF	TF		FB	0.5	357.5(360T)	008.0	02500
		RW36	030	MAP	TF		FO	0.3	357.5(360T)	005.6	00698

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	POGOC	040		DF		FO	1.0			03500
	POGOC	050		HM	R	FO	2.0	177.5(180T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVMI	N434646.09	W0911526.53	N4346.768	W09115.442
	JOMLO	N433844.11	W0911520.16	N4338.735	W09115.336
	POGOC	N440633.92	W0911542.32	N4406.565	W09115.705
	RW36	N435220.54	W0911530.96	N4352.342	W09115.516

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00648	50

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LA CROSSE, WI	**ELEVATION: 655 TDZE: 653** AIRPORT NAME: **LA CROSSE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 25 SEP 2008	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 3, STANDARD WITH MINIMUM CLIMB OF 460 FEET PER NM TO 1600, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 13, STANDARD WITH MINIMUM CLIMB OF 420 FEET PER NM TO 2000, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 18, STANDARD WITH MINIMUM CLIMB OF 290 FEET PER NM TO 1800, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 21, STANDARD WITH MINIMUM CLIMB OF 430 FEET PER NM TO 2000, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 31, STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 2500, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 36, STANDARD WITH MINIMUM CLIMB OF 325 FEET PER NM TO 1800, OR 1400-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3, 13, 18, 21, 31, 36 - FOR CLIMB IN VISUAL CONDITIONS CROSS LA CROSSE MUNI AIRPORT AT OR ABOVE 1900 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 3, TREES 964' FROM DER, 333' RIGHT OF CENTERLINE, 80' AGL/730' MSL. MULTIPLE TREES BEGINNING 499' FROM DER, 222' LEFT OF CENTERLINE, 56' AGL/706' MSL. MULTIPLE TREES BEGINNING 4,327' FROM DER, 263' RIGHT OF CENTERLINE, UP TO 89' AGL/809' MSL. POLE 4,371' FROM DER, 203' LEFT OF CENTERLINE, 84' AGL/784' MSL. MULTIPLE TREES 1.89 NM FROM DER, 2,726' RIGHT OF CENTERLINE 100' AGL/1,339' MSL. NOTE: RWY 13, TREES 423' FROM DER, 446' LEFT OF CENTERLINE, 46' AGL/696' MSL. TREES 2,666' FROM DER, 503' LEFT OF CENTERLINE, 97' AGL/747' MSL. NOTE: RWY 18, VEHICLE AND ROAD 685' FROM DER, 589' LEFT OF CENTERLINE, 15' AGL/694' MSL. MULTIPLE TREES BEGINNING 1,809' FROM DER, 10' LEFT OF CENTERLINE, UP TO 63' AGL/723' MSL. MULTIPLE TREES BEGINNING 1,630' FROM DER, 23' RIGHT OF CENTERLINE, UP TO 67' AGL/727' MSL. NOTE: RWY 21, MULTIPLE TREES BEGINNING (CONT.)**

(4) CONTROLLING OBSTACLES:

RWY 3: 1,339 MSL TREE 435415.29N/0911249.62W, 2,045 MSL TOWER 434823.00N/0912203.00W.
RWY 13: 1,260 MSL TOWER 435102.00N/0911208.00W, 1,477 TOWER 434901.00N/0911121.00W, 2,045 MSL TOWER 434823.00N/0912203.00W.
RWY 18: 2,045 MSL TOWER 434823.00N/0912203.00W.
RWY 21: 1,340 MSL TOWER 435054.00N/0911806.00W, 2,045 MSL TOWER 434823.00N/0912203.00W.
RWY 31: 1,431 MSL TOWER 435245.00N/0912003.00W, 2,045 MSL TOWER 434823.00N/0912203.00W. (CONT.)

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
LA CROSSE, WI	LA CROSSE MUNI	25 SEP 2008	5

QUALITY CHECKED 5

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A

FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

BLOCK 3. TAKEOFF OBSTACLE NOTES (CONT.): 1,521' FROM DER, 586' LEFT OF CENTERLINE, UP TO 75' AGL/735' MSL. LIGHT POLES 1,406' FROM DER, 174' RIGHT OF CENTERLINE, 35' AGL/695' MSL. TREES 2,706' FROM DER, 285' RIGHT OF CENTERLINE, 67' AGL/727' MSL. NOTE: RWY 31, MULTIPLE TREES BEGINNING 1,992' FROM DER, 289' LEFT OF CENTERLINE, UP TO 80' AGL/730' MSL. MULTIPLE TREES BEGINNING 2,499' FROM DER, 92' RIGHT OF CENTERLINE, UP TO 139' AGL/789' MSL.

BLOCK 4. CONTROLLING OBSTACLES (CONT.):

RWY 36: 1,459' MSL AAO 435647.31N/0911357.72W, 2,045' MSL TOWER 434823.00N/0912203.00W.

City, State	Airport	Effective Date	Amdt. No.
LA CROSSE, WI	LA CROSSE MUNI	25 SEP 2008	5

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

QUALITY 5

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30625 ; Amdt. No. 3285]

Standard Instrument Approach Procedures, and Takeoff Minimums and Obstacle Departure Procedures; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This rule establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and associated Takeoff Minimums and Obstacle Departure Procedures for operations at certain airports. These regulatory actions are needed because of the adoption of new or revised criteria, or because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, adding new obstacles, or changing air traffic requirements. These changes are designed to provide safe and efficient use of the navigable airspace and to promote safe flight operations under instrument flight rules at the affected airports.

DATES: This rule is effective [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER]. The compliance date for each SIAP, associated Takeoff Minimums, and ODP is specified in the amendatory provisions.

The incorporation by reference of certain publications listed in the regulations is approved by the Directory of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

ADDRESSES: Availability of matter incorporated by reference in the amendment is as follows:

For Examination -

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW, Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located;

3. The National Flight Procedures Office, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For Information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability - All SIAPs are available online free of charge. Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

1.FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2.The FAA Regional Office of the region in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

CONCLUSION

The FAA has determined that this regulation only involves an established body of technical regulations for which frequent and routine amendments are necessary to keep them operationally current. It, therefore-(1) is not a "significant regulatory action" under Executive Order 12866; (2) is not a "significant rule" under DOT Regulatory Policies and Procedures (44 FR 11034; February 26, 1979); and (3) does not warrant preparation of a regulatory evaluation as the anticipated impact is so minimal. For the same reason, the FAA certifies that this amendment will not have a significant economic impact on a substantial number of small entities under the criteria of the Regulatory Flexibility Act.

List of Subjects in 14 CFR part 97:

Air Traffic Control, Airports, Incorporation by reference, and Navigation (Air).

Issued in Washington, DC on August 22, 2008

James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 - Standard Instrument Approach Procedures

1. The authority citation for part 97 continues to read as follows:

AUTHORITY: 49 U.S.C. 106(g), 40103, 40106, 40113, 40114, 40120, 44502, 44514, 44701, 44719, 44721-44722.

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, ISMLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows: .....EFFECTIVE UPON PUBLICATION

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
07/07/08	TX	ALICE	ALICE INTERNATIONAL	8/1741	LOC/DME RWY 31, ORIG
07/07/08	LA	SLIDELL	SLIDELL	8/1742	NDB RWY 36, ORIG-C
07/07/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/1743	ILS OR LOC RWY 22R, AMDT 10
07/07/08	KS	NORTON	NORTON MUNI	8/1896	RNAV (GPS) RWY 16, ORIG-A
07/07/08	KS	NORTON	NORTON MUNI	8/1897	RNAV (GPS) RWY 34, ORIG
07/07/08	OK	NORMAN	UNIVERSITY OF OKLAHOMA WESTHEIMER	8/1898	NDB RWY 35, ORIG-A
07/07/08	OK	OKLAHOMA CITY	WILL ROGERS WORLD	8/1899	ILS OR LOC RWY 17L, AMDT 1
08/08/08	IN	INDIANAPOLIS	INDIANAPOLIS INTL	8/1952	RNAV (RNP) Z RWY 32, ORIG
08/08/08	NJ	MILLVILLE	MILLVILLE MUNI	8/2039	RNAV (GPS) RWY 14, ORIG
08/11/08	ME	AUGUSTA	AUGUSTA STATE	8/2203	GPS RWY 17, ORIG
08/11/08	PA	LANCASTER	LANCASTER	8/2231	RNAV (GPS) RWY 26, AMDT 1
08/11/08	TN	SHELBYVILLE	BOMAR FIELD - SHELBYVILLE MUNI	8/2244	RNAV (GPS) Y RWY 36, ORIG
08/12/08	FL	LAKELAND	LAKELAND LINDER REGIONAL	8/2395	ILS OR LOC RWY 5, AMDT 7
08/11/08	MA	WESTFIELD/SPRINGFIELD	BARNES MUNI	8/2429	VOR OR TACAN RWY 2, AMDT 4B
08/11/08	MA	WESTFIELD/SPRINGFIELD	BARNES MUNI	8/2430	GPS RWY 2, ORIG-A
08/11/08	MA	WESTFIELD/SPRINGFIELD	BARNES MUNI	8/2433	VOR RWY 20, AMDT 20A
08/13/08	NY	ITHACA	ITHACA TOMPKINS REGIONAL	8/2877	VOR OR GPS RWY 32, AMDT 1
08/13/08	NY	ITHACA	ITHACA TOMPKINS REGIONAL	8/2878	ILS RWY 32, AMDT 5A
08/14/08	ME	BELFAST	BELFAST MUNI	8/2997	NDB RWY 15, AMDT 3
08/14/08	TN	TULLAHOMA	TULLAHOMA REGIONAL/WM NORTHERN FLD	8/3016	VOR RWY 6, ORIG
08/14/08	TN	TULLAHOMA	TULLAHOMA REGIONAL/WM NORTHERN FLD	8/3017	VOR RWY 24, ORIG
08/14/08	FL	ORLANDO	ORLANDO EXECUTIVE	8/3018	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 3

08/14/08	TN	TULLAHOMA	TULLAHOMA REGIONAL/WM NORTHERN FLD	8/3019	RNAV (GPS) RWY 24, ORIG
08/14/08	TN	TULLAHOMA	TULLAHOMA REGIONAL/WM NORTHERN FLD	8/3021	RNAV (GPS) RWY 6, ORIG
08/14/08	NJ	ANDOVER	AEROFLEX-ANDOVER	8/3039	RNAV (GPS) RWY 3, AMDT 1
08/14/08	AL	BIRMINGHAM	BIRMINGHAM INTL	8/3082	RNAV (GPS) RWY 6, ORIG
08/14/08	FM	POHNPEI ISLAND	POHNPEI INTL	8/3137	NDB OR GPS-C, AMDT 3
08/14/08	OR	PENDLETON	EASTERN OREGON RGNL AT PENDLETON	8/3174	VOR OR GPS RWY 7, AMDT 14B
08/20/08	AK	ANCHORAGE	MERRILL FIELD	8/3297	RNAV (GPS) A, ORIG
08/15/08	CA	RIVERSIDE	RIVERSIDE MUNI	8/3310	ILS OR LOC RWY 9, AMDT 7B
08/18/08	OR	ROSEBURG	ROSEBURG RGNL	8/3341	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 5
08/18/08	NH	MANCHESTER	MANCHESTER	8/3600	VOR RWY 35, AMDT 15C
08/18/08	NH	MANCHESTER	MANCHESTER	8/3601	ILS OR LOC RWY 35, AMDT 1A; ILS RWY 35 (CAT II), AMDT 1A; ILS RWY 35 (CAT III), AMDT 1A
08/18/08	PR	ISLA DE VIEQUES	ANTONIO RIVERA RODRIGUEZ	8/3623	RNAV (GPS) RWY 9, AMDT 1A
08/19/08	CA	SAN DIEGO	BROWN FIELD MUNI	8/3808	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 3
08/19/08	WA	SPOKANE	SPOKANE INTL	8/3855	RNAV (GPS) RWY 21, ORIG-D
08/19/08	TX	MC ALLEN	MC ALLEN MILLER INTL	8/3886	ILS RWY 13, AMDT 8B
08/19/08	TX	MC ALLEN	MC ALLEN MILLER INTL	8/3887	VOR RWY 31, AMDT 1A
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3930	ILS OR LOC RWY 4R, AMDT 6I
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3931	ILS OR LOC RWY 32L, AMDT 2
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3932	RNAV (GPS) RWY 22R, AMDT 1
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3933	ILS OR LOC RWY 32R, AMDT 21B
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3934	RNAV (GPS) RWY 32L, AMDT 2A
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3936	LOC RWY 4L, AMDT 20
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3938	RNAV (GPS) RWY 14L, AMDT 1

08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3941	ILS OR LOC RWY 22L, AMDT 4F
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3942	RNAV (GPS) RWY 14R, AMDT 1
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3943	RNAV (GPS) RWY 4R, ORIG-A
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3944	ILS OR LOC RWY 22R, AMDT 7E
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3948	RNAV (GPS) RWY 32R, AMDT 1
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3949	RNAV (GPS) RWY 4L, AMDT 1
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3950	RNAV (GPS) Y RWY 22L, ORIG-A
08/19/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/3952	RNAV (GPS) Z RWY 22L, ORIG
08/20/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/4091	ILS OR LOC RWY 14R, AMDT 30; ILS RWY 14R (CAT II), AMDT 30; ILS RWY 14R (CAT III), AMDT 30
08/20/08	IL	CHICAGO	CHICAGO-O'HARE INTL	8/4092	ILS OR LOC RWY 14L, AMDT 29
08/20/08	MD	SALISBURY	SALISBURY-OCEAN CITY WICOMICO REGIONAL	8/4188	ILS RWY 32, AMDT 6
07/08/08	UT	SALT LAKE CITY	SALT LAKE CITY INTL	8/4753	RNAV (GPS) RWY 17, ORIG
07/08/08	UT	SALT LAKE CITY	SALT LAKE CITY INTL	8/4754	VOR/DME RWY 34R, AMDT 9
07/10/08	VA	RICHMOND	CHESTERFIELD COUNTY	8/6327	RNAV (GPS) RWY 33, ORIG
07/24/08	FM	POHNPEI ISLAND	POHNPEI INTL	8/9241	NDB/DME RWY 9, AMDT 4. THIS NOTAM PUBLISHED IN TL08-19 IS HEREBY RESCINDED IN ITS' ENTIRETY.
07/24/08	FM	POHNPEI ISLAND	POHNPEI INTL	8/9246	NDB OR GPS-B, AMDT 3. THIS NOTAM PUBLISHED IN TL08-19 IS HEREBY RESCINDED IN ITS' ENTIRETY.

FDC 8/1741 ALI FI/P ALICE INTERNATIONAL, ALICE, TX. LOC/DME RWY 31, ORIG...CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY FROM CORPUS CRISTI (CRP) VORTAC. THIS IS LOC/DME RWY 31, ORIG-A.

FDC 8/1742 ASD FI/P SLIDELL, SLIDELL, LA. NDB RWY 36, ORIG-C...S-36: MDA 540/HAT 512 ALL CATS. VIS CAT C 1 1/2. CIRCLING: MDA 540/HAA 512 ALL CATS. THIS IS NDB RWY 36, ORIG-D.

FDC 8/1743 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. ILS OR LOC RWY 22R, AMDT 10...DELETE NOTE: CIRCLING TO RWY 4R/22L NA AT NIGHT. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HAMMOND NORTHSHORE REGIONAL ALTIMETER SETTING AND INCREASE DA 91 FEET, INCREASE ALL MDA 100 FEET. INCREASE S-ILS 22R VISIBILITY TO RVR 2400, INCREASE S-LOC 22R AND CIRCLING CAT C/ D VISIBILITY 1/4 MILE. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HAMMOND NORTHSHORE REGIONAL ALTIMETER SETTING AND INCREASE DA 91 FEET, INCREASE ALL MDA 100 FEET. INCREASE S-ILS 22R VISIBILITY TO RVR 2400, INCREASE S-LOC 22R CAT C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C/D VISIBILITY 1/2 MILE. THIS IS ILS OR LOC RWY 22R, AMDT 10A.

FDC 8/1896 NRN FI/P NORTON MUNI, NORTON, KS. RNAV (GPS) RWY 16, ORIG-A...CIRCLING MDA 2880/HAA 497 CATS A/B/C. DELETE NOTE: GPS OR RNP -0.3 REQUIRED. THIS IS RNAV (GPS) RWY 16, ORIG-B.

FDC 8/1897 NRN FI/P NORTON MUNI, NORTON, KS. RNAV (GPS) RWY 34, ORIG...LNAV MDA 2840/HAT 465 CATS A/B/C. VIS CAT C 1 1/4 CIRCLING MDA 2880/HAA 497 CATS A/B/C DELETE NOTE: GPS OR RNP -0.3 REQUIRED. DELETE NOTE: *VDP NA WITH HILL CITY ALTIMETER SETTING. DELETE *CHART VDP AT 1.09 NM TO RW 34. THIS IS RNAV (GPS) RWY 34, ORIG-A.

FDC 8/1898 OUN FI/P UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. NDB RWY 35, ORIG-A...ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT D 800-2 1/4 AND NA WHEN LOCAL WEATHER NOT AVAILABLE THIS IS NDB RWY 35, ORIG-B.

FDC 8/1899 OKC FI/P WILL ROGERS WORLD, OKLAHOMA CITY, OK. ILS OR LOC RWY 17L, AMDT 1...S-LOC 17L MDA 1680/HAT 394 ALL CATS. VIS CAT E RVR 5000. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 17L CAT D AND E VISIBILITY TO RVR 5000. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 17L CAT E VISIBILITY TO 1 1/2. THIS IS ILS OR LOC RWY 17L, AMDT 1A.

FDC 8/1952 IND FI/P INDIANAPOLIS INTL, INDIANAPOLIS, IN. RNAV (RNP) Z RWY 32, ORIG...MISSED APPROACH: CLIMB TO 2500 VIA 316.56 TRACK TO WOREL AND HOLD. THIS IS RNAV (RNP) Z RWY 32, ORIG-A.

FDC 8/2039 MIV FI/P MILLVILLE MUNI, MILLVILLE, NJ. RNAV (GPS) RWY 14, ORIG...LNAV MDA 480/ HAT 399 ALL CATS. VIS CAT D 1 1/4. CIRCLING VIS CATS A/B 1, CAT C 1 1/2. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 217 ANTENNA 392413N/0750606W. THIS IS RNAV (GPS) RWY 14, ORIG-A.

FDC 8/2203 AUG FI/P AUGUSTA STATE, AUGUSTA, ME. GPS RWY 17, ORIG...EHAZY TO RW17: 2.88/60. THIS IS GPS RWY 17, ORIG-A.

FDC 8/2231 LNS FI/P LANCASTER, LANCASTER, PA. RNAV (GPS) RWY 26, AMDT 1...DELETE TERMINAL ROUTE: BOYER (IAF) TO HEDED (IF). DELETE TERMINAL ROUTE: TRAGG (IAF) TO HEDED (IF). CHART PLANVIEW NOTE: RADAR REQUIRED. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOYER VIA V12 WESTBOUND AND V170 NORTHWEST BOUND. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRAGG VIA V210 EASTBOUND. THIS IS RNAV (GPS) RWY 26,, AMDT 1A.

FDC 8/2244 SYI FI/P BOMAR FIELD-SHELBYVILLE MUNI, SHELBYVILLE, TN. RNAV (GPS) Y RWY 36, ORIG...S-36 VIS CAT D 1 1/2 DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TULLOHAMA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE, CAT D VISIBILITY 1/2 MILE, AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TULLOHAMA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND INCREASE LNAV CAT C/D VISIBILITY AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) Y RWY 36, ORIG A.

FDC 8/2395 LAL FI/P LAKELAND LINDER REGIONAL, LAKELAND, FL. ILS OR LOC RWY 5, AMDT 7...CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LOCAL ALTIMETER SETTING S-LOC 5 CAT D VISIBILITY TO 1 MILE. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 5 CAT D VISIBILITY TO 1 MILE. CHART NOTE: WHEN CONTROL TOWER CLOSED, USE PLANT CITY MUNI ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET. DELETE NOTE: WHEN CONTROL TOWER CLOSED, USE PLANT CITY MUNI ALTIMETER SETTING. THIS IS ILS OR LOC RWY 5, AMDT 7A.

FDC 8/2429 BAF FI/P BARNES MUNI, WESTFIELD/SPRINGFIELD, MA. VOR OR TACAN RWY 2, AMDT 4B...CIRCLING MDA 1160/HAA 889 ALL CATS. VIS CAT A 1 1/4, CAT C 2 3/4, CAT D 3. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 3/4, CAT D 900-3, CAT E 1300-3. THIS IS VOR OR TACAN RWY 2, AMDT 4C.

FDC 8/2430 BAF FI/P BARNES MUNI, WESTFIELD/SPRINGFIELD, MA. GPS RWY 2, ORIG-A...S-2 MDA 920/HAT 655 ALL CATS. VIS CAT C 1 3/4, CAT D 2 CIRCLING MDA 1160/HAA 889 ALL CATS. VIS CAT A 1 1/4, CAT C 2 3/4, CAT D 3 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT THIS IS GPS RWY 2, ORIG-B.

FDC 8/2433 BAF FI/P BARNES MUNI, WESTFIELD/SPRINGFIELD, MA. VOR RWY 20, AMDT 20A...S-20 MDA 940/ HAT 669 ALL CATS. VIS CAT A, B 4000, CAT C 6000, CAT D 1 1/2. CIRCLING MDA 1160/HAA 889 ALL CATS. VIS CAT A 1 1/4, CAT C 2 3/4, CAT D 3. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE CAT A/B VISIBILITY TO RVR 5000. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. ALTERNATE MINIMUMS: CAT A/B 900-2, CAT C 900-2 3/4, CAT D 900-3. THIS IS VOR RWY 20, AMDT 20B.

FDC 8/2877 ITH FI/P ITHACA TOMPKINS REGIONAL, ITHACA, NY. VOR OR GPS RWY 32, AMDT 1...S-32 VIS CAT A RVR 6000. ELMIRA ALTIMETER SETTING MINIMUMS: S-32 VIS CAT A RVR 6000. THIS IS VOR OR GPS RWY 32, AMDT 1A.

FDC 8/2878 ITH FI/P ITHACA TOMPKINS REGIONAL, ITHACA, NY. ILS RWY 32, AMDT 5A...S-ILS 32 VIS RVR 4000 ALL CATS. S-LOC 32 VIS CATS A/B RVR 4000. ELMIRA ALTIMETER SETTING MINIMUMS: S-ILS 32 VIS RVR 4000 ALL CATS. S-LOC 32 VIS CAT A RVR 4000, CAT B RVR 5000. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELMIRA ALTIMETER SETTING. THIS IS ILS OR LOC RWY 32, AMDT 5B.

FDC 8/2997 BST FI/P BELFAST MUNI, BELFAST, ME. NDB RWY 15, AMDT 3...S-15 MDA 1000/HAT 802 ALL CATS, VIS CAT B 1 1/4, CAT C 2 1/4. CIRCLING MDA 1000/HAA 802 ALL CATS, VIS CAT B 1 1/4, CAT C 2 1/4. CHART IN PROFILE BOGGY TO RW15: 2.91/40. CHART TDZE: 198 CHART AIRPORT ELEV: 198. THIS IS NDB RWY 15, AMDT 3A.

FDC 8/3016 THA FI/P TULLAHOMA REGIONAL/WM NORTHERN FLD, TULLAHOMA, TN. VOR RWY 6, ORIG...DELETE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR RWY 6, ORIG-A.

FDC 8/3017 THA FI/P TULLAHOMA REGIONAL/WM NORTHERN FLD, TULLAHOMA, TN. VOR RWY 24, ORIG...DELETE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR RWY 24, ORIG-A.

FDC 8/3018 ORL FI/P ORLANDO EXECUTIVE, ORLANDO, FL. TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3. DEPARTURE PROCEDURES: RWY 31, CLIMB HEADING 314 TO 600 BEFORE TURNING LEFT. OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A.

FDC 8/3019 THA FI/P TULLAHOMA REGIONAL/WM NORTHERN FLD, TULLAHOMA, TN. RNAV (GPS) RWY 24, ORIG...DELETE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 24, ORIG-A.

FDC 8/3021 THA FI/P TULLAHOMA REGIONAL/WM NORTHERN FLD, TULLAHOMA, TN. RNAV (GPS) RWY 6, ORIG...DELETE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 8/3039 12N FI/P AEROFLEX-ANDOVER, ANDOVER, NJ. RNAV (GPS) RWY 3, AMDT 1...TERMINAL ROUTE PEPLE (IAF) TO HOPED (IF/IAF) DISTANCE 5.00 NM. THIS IS RNAV (GPS) RWY 3, AMDT 1A.

FDC 8/3082 BHM FI/P BIRMINGHAM INTL, BIRMINGHAM, AL. RNAV (GPS) RWY 6, ORIG...LNAV/VNAV DA 1118/HAT 512, VIS RVR 6000 ALL CATS. LNAV MDA 1440/HAT 834 ALL CATS. VIS CAT B RVR 4000, CAT C 2, CAT D 2 1/4. DISTANCE TO THLD FROM 512 HAT: 1.46 NM. MISSED APPROACH: CLIMB TO 3000 DIRECT ROEBY AND HOLD. CHART VDP AT 2.41 NM TO RW06*. *LNAV ONLY. DELETE NOTE: BARO-VNAV NA BELOW -16C (4F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 8/3137 PNI FI/P POHNPEI INTL, POHNPEI ISLAND, FM. NDB OR GPS C, AMDT 3...CHART NOTE: NO CONTROLLED AIRSPACE BELOW 5500 FEET. CIRCLING HAA 552 CATS A/B/C, HAA 692 CAT D. CHART AIRPORT ELEV 8. CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED PROCEDURE NOT AUTHORIZED EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE. ALTERNATE MINIMUMS: STANDARD EXCEPT CAT D 800-2 1/4. NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS NDB OR GPS C, AMDT 3A.

FDC 8/3174 PDT FI/P EASTERN OREGON RGNL AT PENDLETON, PENDLETON, OR. VOR OR GPS RWY 7, AMDT 14B...S-7 MDA 2040 / HAT 554 ALL CATS. CIRCLING MDA 2040 / HAA 543 CATS A/B/C. MISSED APPROACH: CLIMBING LEFT TURN TO 4000 DIRECT PDT VORTAC AND HOLD. CONTINUE CLIMB IN HOLD TO 4000. MSA FROM: PDT VORTAC 360-090 6100, 090-180 6500, 180-360 5800. THIS IS VOR OR GPS RWY 7, AMDT 14C.

FDC 8/3297 MRI FI/P MERRILL FIELD, ANCHORAGE, AK. RNAV (GPS) A, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING TO CORRESPONDING RUNWAY NA AT NIGHT. THIS IS RNAV (GPS) A, ORIG-A.

FDC 8/3310 RAL FI/P RIVERSIDE MUNI, RIVERSIDE, CA. ILS OR LOC RWY 9, AMDT 7B...ALTERNATE MINIMUMS: ILS: STANDARD EXCEPT CAT C 900-2 1/4, CAT D 900-2 1/2. NA WHEN CONTROL TOWER CLOSED. LOC: STANDARD EXCEPT CAT C 900-2 1/4, CAT D 900-2 1/2. NA WHEN CONTROL TOWER CLOSED. THIS IS ILS OR LOC RWY 9, AMDT 7C.

FDC 8/3341 FI/P ROSEBURG REGIONAL, ROSEBURG, OR TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 5… NOTE: RWY 34, TREE 1.10 NM FROM DEPARTURE END OF RUNWAY, 2003' LEFT OF RUNWAY CENTERLINE, 60' AGL/1179' MSL, TREE 5165' FROM DEPARTURE END OF RUNWAY, 1744' LEFT OF CENTERLINE, 64' AGL/1023, MSL, OBSTRUCTION LIGHT ON POLE 4850' FROM DEPARTURE END OF RUNWAY, 56' LEFT OF CENTERLINE, 15' AGL/894, MSL, TREE 4785' FROM DEPARTURE END OF RUNWAY, 48' LEFT OF RWY CENTERLINE, 23' AGL/862, MSL, TREE 1.41 NM FROM DEPARTURE END OF RUNWAY, 1826' LEFT OF RWY CENTERLINE, 17' AGL/896, MSL, TREE 4079' FROM DEPARTURE END OF RUNWAY, 508' LEFT OF RWY CENTERLINE, 21' AGL/780' MSL, TREE 5067' FROM DEPARTURE END OF RUNWAY, 265' RIGHT OF CENTERLINE, 43' AGL/802' MSL, TREE 4260' FROM DEPARTURE END OF RUNWAY, 345' RIGHT OF CENTERLINE, 42' AGL/761, MSL, TREE 1465' FROM DEPARTURE END OF RUNWAY 329' RIGHT OF RWY CENTERLINE, 100' AGL/642, MSL, TREE 913' FROM DEPARTURE END OF RUNWAY, 217' RIGHT OF RWY CENTERLINE, 100' AGL/622, MSL, TREE 647' FROM DEPARTURE END OF RUNWAY, 345' RIGHT OF RWY CENTERLINE, 100' AGL/615' MSL, HILL 1065' FROM DEPARTURE END OF RUNWAY, 299' RIGHT OF RWY CENTERLINE 608' MSL. TREES BEGINNING 60' FROM DEPARTURE END OF RWY, 117' LEFT OF RWY CENTERLINE, UP TO 16' AGL/554, MSL. TREES BEGINNING 242' FROM DEPARTURE END OF RWY, 209' RIGHT OF RWY CENTERLINE, UP TO 56' AGL/584, MSL. VEHICLE ON ROAD 265' FROM DEPARTURE END OF RWY, 229' RIGHT OF RWY CENTERLINE, 15' AGL/560' MSL. MULTIPLE SIGNS BEGINNING 792' FROM DEPARTURE END OF RWY, 550' LEFT OF RWY CENTERLINE, UP TO 60' AGL/565, MSL. BUSH 94' FROM DEPARTURE END OF RWY, 228' RIGHT OF RWY CENTERLINE, 19' AGL/547, MSL. BUSB 202' FROM DEPARTURE END OF RWY, 92' LEFT OF RWY CENTERLINE, 7' AGL/535, MSL. POLE 640' FROM DEPARTURE END OF RWY, 354' LEFT OF RWY CENTERLINE, 29' AGL/557, MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 5A.

FDC 8/3600 MHT FI/P MANCHESTER, MANCHESTER, NH. VOR RWY 35, AMDT 15C...S-35 HAT 595 ALL CATS, CATS A/B VIS RVR 4000, CAT C 1 1 /2, CAT D 1 3/4. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART VDP AT 2.37 DME; DISTANCE VDP TO THLD 1.65 MILES. CHART IN PROFILE: VOR TO RW35: 2.96/68 CHART ARPT ELEV: 266 CHART TDZE: 265 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-35 CATS A/B VISIBILITY TO RVR 5000. THIS IS VOR RWY 35, AMDT 15D.

FDC 8/3601 MHT FI/P MANCHESTER, MANCHESTER, NH. ILS OR LOC RWY 35 AMDT 1A...ILS RWY 35 (CAT II) AMDT 1A...ILS RWY 35 (CAT III) AMDT 1A...CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH ANGLES NOT COINCIDENT. THIS IS ILS OR LOC RWY 35 AMDT 1B...ILS RWY 35 (CAT II) AMDT 1B...ILS RWY 35 (CAT III) AMDT 1B.

FDC 8/3623 VQS FI/P ANTONIO RIVERA RODRIGUEZ, ISLA DE VIEQUES, PR. RNAV (GPS) RWY 9, AMDT 1A...DELETE CHARTING: R-7104, W-248. THIS IS RNAV (GPS) RWY 9, AMDT 1B.

FDC 8/3808 SDM FI/P BROWN FIELD MUNI, SAN DIEGO, CA. TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3...TAKE-OFF MINIMUMS: RWY 8R, 26L NA - ATC. RWY 8L CAT A,B 1900-2 OR STANDARD WITH A MINIMUM CLIMB OF 460 FEET PER NM TO 2600. CAT C,D 3100-3 OR STANDARD WITH A MINIMUM CLIMB OF 520 FEET PER NM TO 3900. DEPARTURE PROCEDURE: RWY 8L, CLIMBING LEFT TURN. RWY 26R, CLIMBING RIGHT TURN. ALL AIRCRAFT CLIMB HEADING 280 DEGREES TO INTERCEPT MZB R-160 NORTHWESTBOUND TO MZB VORTAC. NOTE: RWY 26R, TREES 2184 FEET FROM DEPARTURE END OF RUNWAY, 778 FEET LEFT OF CENTERLINE, 60 FEET AGL/561 MSL. THIS IS TAKE-OFF MINIMUM AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A.

FDC 8/3855 GEG FI/P SPOKANE INTL, SPOKANE, WA. RNAV (GPS) RWY 21, ORIG-D...DELETE NOTE: FOR INOPERATIVE ALSF-2 INCREASE LNAV/VNAV CAT D VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. THIS IS RNAV (GPS) RWY 21, ORIG-E.

FDC 8/3886 MFE FI/P MC ALLEN MILLER INTL, MC ALLEN, TX. ILS RWY 13, AMDT 8B...CIRCLING MDA 580/HAA 473 CAT A/B/C CHART NOTE: ADF REQUIRED. THIS IS ILS OR LOC RWY 13, AMDT 8C.

FDC 8/3887 MFE FI/P MC ALLEN MILLER INTL, MC ALLEN, TX. VOR RWY 31, AMDT 1A...CIRCLING MDA 580/HAA 473 CAT A/B/C. THIS IS VOR RWY 31, AMDT 1B.

FDC 8/3930 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 4R, AMDT 6I...MSA FROM: ORD VOR/DME 3400. THIS IS ILS OR LOC RWY 4R, AMDT 6J.

FDC 8/3931 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 32L, AMDT 2...S-LOC 32L MDA 1100/HAT 446 ALL CATS, VIS CAT D 1 1/2. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. CHART VDP AT 3.54 DME; DISTANCE VDP TO THLD 1.24 MILES. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 32L, AMDT 2A.

FDC 8/3932 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 22R, AMDT 1...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS RNAV (GPS) RWY 22R, AMDT 1A.

FDC 8/3933 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 32R, AMDT 21B...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. DME MINIMUMS: S-LOC 32R MDA 1100/HAT 447 ALL CATS, VIS CAT C RVR 4000, CAT D RVR 5000. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 32R, AMDT 21C.

FDC 8/3934 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 32L, AMDT 2A...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS RNAV (GPS) RWY 32L, AMDT 2B.

FDC 8/3936 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. LOC RWY 4L, AMDT 20...CHANGE PROFILE STARTS AT FROM KERBE TO ELLYN. ADD MIN ALT AT ELLYN: 4700. CHANGE MIN ALT AT KERBE FROM ASTERISK 3600 TO 3600. DELETE PLANVIEW AND PROFILE NOTE: ASTERISK 2700 WHEN AUTHORIZED BY ATC. CIRCLING MDA 1260/HAA 588 ALL CATS. RACCY FIX MINIMUMS: CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS LOC RWY 4L, AMDT 20A.

FDC 8/3938 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 14L, AMDT 1...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568, VISIBILITY CAT A/B 1, CAT C 1 1/2. DELETE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 14L, AMDT 1A.

FDC 8/3941 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 22L, AMDT 4F...S-ILS 22L VIS RVR 1800 ALL CATS. S-LOC 22L MDA 1080/HAT 426 ALL CATS. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. MSA FROM: ORD VOR/DME 3400. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 22L, AMDT 4G.

FDC 8/3942 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 14R, AMDT 1...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS RNAV (GPS) RWY 14R, AMDT 1A.

FDC 8/3943 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 4R, ORIG-A...LNAV/VNAV DA 1136/HAT 475 ALL CATS, VIS RVR 6000 ALL CATS. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568, VIS CATS A/B 1. DISTANCE TO THLD FROM 475 HAT: 1.33 NM. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: BARO-VNAV NA BELOW -16C (4F). ADD NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). THIS IS RNAV (GPS) RWY 4R, ORIG-B.

FDC 8/3944 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 22R, AMDT 7E...S-ILS 22R DA 851/HAT 200 ALL CATS. S-LOC 22R MDA 1220/HAT 569 ALL CATS. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. DME MINIMUMS: S-LOC 22R MDA 980/HAT 329 ALL CATS. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. MSA FROM: ORD VOR/DME 3400. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 22R, AMDT 7F.

FDC 8/3948 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 32R, AMDT 1...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS RNAV (GPS) RWY 32R, AMDT 1A.

FDC 8/3949 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 4L, AMDT 1...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. THIS IS RNAV (GPS) RWY 4L, AMDT 1A.

FDC 8/3950 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) Y RWY 22L, ORIG-A...LNAV MDA 1160/HAT 506 ALL CATS, VIS CAT C/D RVR 5000. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. CHART VDP AT 1.39 MILES TO RW22L. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) Y RWY 22L, ORIG-B.

FDC 8/3952 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. RNAV (GPS) Z RWY 22L, ORIG...LNAV/VNAV DA 1060/HAT 406 ALL CATS, VIS RVR 5000 ALL CATS. CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568, VISIBILITY CAT A/B 1. DISTANCE TO THLD FROM 406 HAT: 1.10 NM. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: BARO-VNAV NA BELOW -16C (4F). ADD NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). THIS IS RNAV (GPS) Z RWY 22L, ORIG-A.

FDC 8/4091 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL ILS OR LOC RWY 14R AMDT 30...ILS RWY 14R (CAT II) AMDT 30...ILS RWY 14R (CAT III) AMDT 30...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. CHANGE MIN ALT AT CUBGO INT/I-ORD 28.35 DME FROM ASTERISK 7000 TO DOUBLE ASTERISK 7000. ADD PLANVIEW AND PROFILE NOTE: DOUBLE ASTERISK 3000 WHEN AUTHORIZED BY ATC. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 14R AMDT 30A, ILS RWY 14R (CAT II) AMDT 30A, ILS RWY 14R (CAT III) AMDT 30A.

FDC 8/4092 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL ILS OR LOC RWY 14L AMDT 29...ILS RWY 14L (CAT II) AMDT 29...ILS RWY 14L (CAT III) AMDT 29...CIRCLING CATS A/B/C MDA 1220/HAA 548, CAT D MDA 1240/HAA 568. MSA FROM: ORD VOR/DME 3400. DELETE PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 14L AMDT 29A, ILS RWY 14L (CAT II) AMDT 29A, ILS RWY 14L (CAT III) AMDT 29A

FDC 8/4188 SBY FI/P SALISBURY-OCEAN CITY WICOMICO REGIONAL, SALISBURY, MD. ILS RWY 32, AMDT 6...CHANGE ALL REFERENCE TO COLBE LOM/INT TO COLBE INT/SBY VORTAC 6.4 DME. CHART: MSA FROM: SALISBURY (SBY) VORTAC 270-360 2100, 360-270 1700. THIS IS ILS OR LOC RWY 32, AMDT 6A.

FDC 8/4753 SLC FI/P SALT LAKE CITY INTL, SALT LAKE CITY, UT. RNAV (GPS) RWY 17, ORIG...LNAV MDA 4800 / HAT 581 ALL CATS. VIS CAT C 5000, CAT D 6000, CAT E 1 1/2. CHART:VDP 1.62 NM TO RW17. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D TO RVR 6000 AND CAT E TO 1 1/2. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT E TO 2. ALTERNATE MINIMUMS: STANDARD DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 17, ORIG-A.

FDC 8/4754 SLC FI/P SALT LAKE CITY INTL, SALT LAKE CITY, UT. VOR/DME RWY 34R, AMDT 9...S-34R MDA 4760 / HAT 538 ALL CATS. VIS CAT C RVR 5000, CAT D RVR 6000. MISSED APPROACH: CLIMB TO 5300 THEN CLIMB TO 10700 VIA HEADING 300 AND TCH VORTAC R-249 TO STACO INT /20 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10700. DELETE VDP AT 5.89 DME. CHART VDP AT 6.01 DME. CHART VDP TO THLD 1.46 MILES. THIS IS VOR/DME RWY 34R, AMDT 9A.

FDC 8/6327 FCI FI/P CHESTERFIELD COUNTY, RICHMOND, VA. RNAV (GPS) RWY 33, ORIG...LPV DA 511/HAT 293 ALL CATS. LNAV/VNAV DA 599/HAT 381 ALL CATS, VISIBILITY ALL CATS 1. LNAV MDA 720/HAT 502 ALL CATS, VISIBILITY CAT C 1. DELETE: VDP 1.3NM TO RW33, LNAV ONLY CHART: VDP 1.48NM TO RW33, LNAV ONLY DELETE NOTE: FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY TO 1 ALL CATS AND LNAV/VNAV CAT D VISIBILITY TO 1. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV ALL CATS VISIBILITY TO 1. DELETE NOTE: BARO-VNAV NA BELOW -15C (5F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUNKI VIA V454 NORTHEAST BOUND. THIS IS RNAV (GPS) RWY 33, ORIG-A.