U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 09-21 **September 4, 2009**

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJR-321
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

Notice - Notice - Notice

Revised IAP Chart Format, Addition of Procedure Effective Date

Effective 22 Oct 2009, all original and amended US Government Instrument Approach Procedure (IAP) charts will contain a Procedure Amendment Date. This date reflects the AIRAC cycle date of the latest procedural revision and will appear in the lower left margin adjacent to and associated with the amendment number (e.g., AMDT 4B 22OCT09, ORIG 22OCT09, etc). The Julian Date (Jdate, i.e. 09295) on these new/amended procedures will be relocated to the upper right margin of the chart and continue to reflect the date on which the chart was revised for any reason. Similar chart revisions are being considered by non-government chart developers.

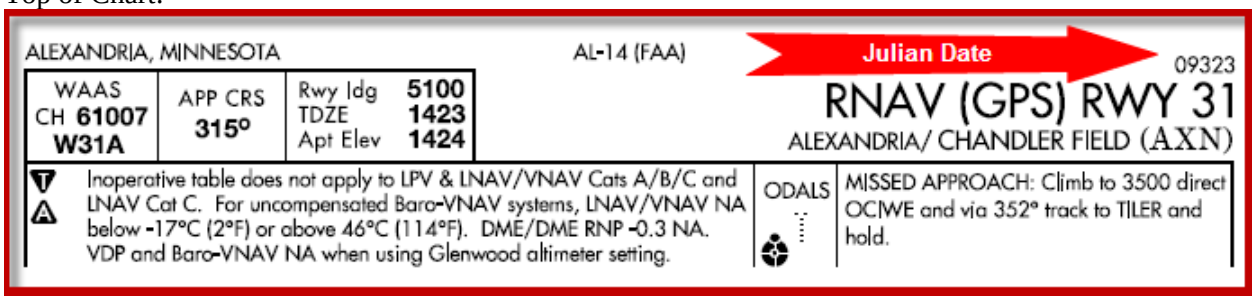
For IAPs promulgated in the Transmittal Letter (TL) via an 8260-series form, the Procedure Amendment Date is shown in the "PROCEDURE NO/AMENDMENT NO/EFFECTIVE DATE block at the bottom of the form supporting the IAP. For P-NOTAM procedural amendments, an AIRAC Date will be listed in the first column of the NOTAM matrix following the second docket in the TL. This specified AIRAC date will be used as the Procedure Amendment Date as shown in the excerpt below.

**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, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:
.....EFFECTIVE UPON PUBLICATION**

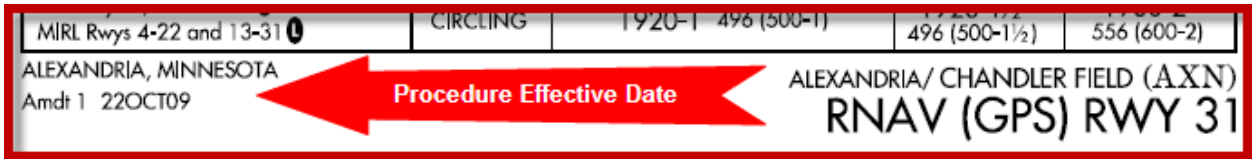
AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
22-Oct-09	IA	COUNCIL BLUFFS	COUNCIL BLUFFS MUNI	9/5812	8/22/2009	RNAV (GPS) RWY 32, ORIG

Sample US government revised chart header and footer are shown below.

Top of Chart:



Bottom of Chart:



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 Letter 09-20:

Fairbanks, AK, Fairbanks Intl, RNAV (GPS) RWY 20R, Orig.
Merced, CA, Castle, ILS OR LOC/DME RWY 31, Amdt 2B
Pittsburg, PA, Pittsburg Intl, RNAV (RNP) Z RWY 28R, Orig-A

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
CEPLA (IAF)	ELACA (NOPT) (FB)	107.40 / 5.70	4900
SUXXI (IAF)	ELACA (NOPT) (FB)	287.49 / 5.30	4900
ELACA (IF/IAF)	ROPEE (FB)	197.44 / 2.82	4600
ROPEE	CIGNI (FB)	197.38 / 4.70	3400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20R

CLIMB TO 3700 DIRECT PERZO AND HOLD.

This is a corrected copy of a procedure published in TL 09-20, dated 8.21.2009

**Changed TAA heading for SUXXI TO ELACA FROM 288 TO 287. **

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ELACA, RT, 197.44 INBOUND, 4900 FT. IN LIEU OF PT (IAF)
3. FAC: 197.27 FAF: CIGNI DIST FAF TO MAP: 8.90 THLD: 8.90
4. MIN. ALT: ELACA 4900, ROPEE 4600, CIGNI 3400, HOVMO/5.10 NM TO RW20R 2140*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: CIGNI 3400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.8 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 016.78 INBOUND.
CHART FAS OBST: 512 TREE 644951N/1475040W
CHART FAS OBST: 764 TWR 645147N/1474515W
DISTANCE TO THLD FROM 200 HAT: 0.45 NM.
CHART VDP AT 1.67 MILES TO RW20R* *LNAV ONLY.
WAAS CHANNEL # 99315
REFERENCE PATH ID: W20B
CHART: YUKON 2 MOA.
CHART: R-2205

MAG VAR: 21E EPOCH YEAR: 2010

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	639	2400	200	639	2400	200	639	2400	200	639	2400	200			
LNAV/VNAV DA	1148	2	709	1148	2	709	1148	2	709	1148	2	709			
LNAV MDA	1020	2400	581	1020	2400	581	1020	5000	581	1020	6000	581			
CIRCLING	1020	1	581	1020	1	581	1020	1 1/2	581	1020	2	581			

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 2L-20R.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 439 TDZE: 439 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FAIRBANKS, AK	FAIRBANKS INTL	RNAV	RNAV (GPS) RWY 20R, ORIG, 10/22/2009	AMDT: NONE
			22 OCT 2009	DATED

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.	107/30 CW 287/30 (NOPT)	107/10 CW 287/10	7000
	107/10 CW 287/10	ELACA (IF/IAF) (FB)	4900
2.	287/30 CW 017/30	SUXXI (IAF) (FB)	5200
3.	017/30 CW 107/30	CEPLA (IAF) (FB)	5500

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FAIRBANKS, AK	ELEVATION: 439 TDZE: 439 AIRPORT NAME: FAIRBANKS INTL	RNAV	RNAV (GPS) RWY 20R, ORIG, 10/22/2009 22 OCT 2009	SUP: AMDT: NONE DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAFA
RUNWAY	RW20R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20B
LTP/FTP LATITUDE	644935.0975N
LTP/FTP LONGITUDE	1475031.8245W
LTP/FTP ELLIPSOIDAL HEIGHT	+01433
FPAP LATITUDE	644809.2200N
FPAP LONGITUDE	1475309.6400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.8
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	EA073FFA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+01338
FPAP ORTHOMETRIC HEIGHT	+01338

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   CEPLA PA0    W     N65055825W147371089                              NAR           CEPLA
        SCANEAENRT   CIGNI PA0    W     N64563364W147373741                              NAR           CIGNI
        SCANEAENRT   ELACA PA0    W     N65022611W147263838                              NAR           ELACA
        SCANEAENRT   HOVMO PA0    W     N64533498W147430905                              NAR           HOVMO
        SCANEAENRT   PERZO PA0    W     N64384714W148101353                              NAR           PERZO
        SCANEAENRT   ROPEE PA0    W     N65001397W147304620                              NAR           ROPEE
        SCANEAENRT   SUXXI PA0    W     N64590925W147165138                              NAR           SUXXI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAAFAI     0     118YHN64485440W14751226OE021000439        1800018000C    MNAR    FAIRBANKS INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAFR20R  ACEPLA 010CEPLAPAEA0E  A    IF                                          18000                A JS
        SCANP PAFAPAFR20R  ACEPLA 020ELACAPAEA0EE B 010TF                    10740057    + 04900                       A JS
        SCANP PAFAPAFR20R  AELACA 010ELACAPAEA0EE AR   HF                    19740050    + 04900     18000             A JS
        SCANP PAFAPAFR20R  ASUXXI 010SUXXIPAEA0E  A    IF                                          18000             A JS
        SCANP PAFAPAFR20R  ASUXXI 020ELACAPAEA0EE B 010TF                    28750053    + 04900                       A JS
        SCANP PAFAPAFR20R  R      010ELACAPAEA0E  I    IF                               + 04900     18000             A JS
        SCANP PAFAPAFR20R  R      011ROPEEPAEA0E S  051TF                    19740028    + 04600                       A JS
        SCANP PAFAPAFR20R  R      020CIGNIPAEA1E  F 051TF                    19740047    + 03400                       A JS
        SCANP PAFAPAFR20R  R      020CIGNIPAEA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SCANP PAFAPAFR20R  R      021HOVMOPAEA0E S  031TF                    19730038    V 0214002143        -300      A JS
        SCANP PAFAPAFR20R  R      030RW20RPAPG0GY M 031TF                    19730051      00495             -300      A JS
        SCANP PAFAPAFR20R  R      040PERZOPAEA0EYM  010DF                                + 03700                       A JS
        SCANP PAFAPAFR20R  R      050PERZOPAEA0EE  R020HM                    01680040    + 03700                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAGRW20R   0118001971 N64493510W147503182+0000    +014330043907505615OI
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAIRBANKS, AK	ELEVATION: 439 TDZE: 439 AIRPORT NAME: FAIRBANKS INTL	RNAV	RNAV (GPS) RWY 20R, ORIG, 10/22/2009 22 OCT 2009	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
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SCANP PAFAPAPR20R  RW20R001 0000W20B0N6449350975W14750318245+01433030ON6448092200W14753096400106750008000558F400350EA073FFA
        SCANP PAFAPAPR20R  RW20R002E      +01338+01338LPV       99315
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CITY AND STATE	ELEVATION: 439 TDZE: 439	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAIRBANKS, AK	AIRPORT NAME: FAIRBANKS INTL	RNAV	RNAV (GPS) RWY 20R, ORIG, 10/22/2009	AMDT: NONE
			22 OCT 2009	DATED:

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEPLA	CEPLA	010	IAF	IF		FB				
	CEPLA	ELACA	020	IF	TF		FB	1.0	107.4(128T)	005.7	04900
	ELACA	ELACA	010	IAF	HF	R	FO		197.4(218T)	005.0	04900
	SUXXI	SUXXI	010	IAF	IF		FB				
	SUXXI	ELACA	020	IF	TF		FB	1.0	287.5(309T)	006.3	04900
		ELACA	010	FACF	IF		FB				04900
		ROPEE	011	SDF	TF		FB	0.5	197.4(218T)	002.8	04600
		CIGNI	020	FAF	TF		FB	0.5	197.4(218T)	004.7	03400
		HOVMO	021	SDF	TF		FB	0.3	197.3(218T)	003.8	0214002143
		RW20R	030	MAP	TF		FO	0.3	197.3(218T)	005.1	00495

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PERZO	040		DF		FO	1.0			03700
	PERZO	050		HM	R	FO	2.0	016.8(038T)	004.0	03700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEPLA	N650558.25	W1473710.89	N6505.971	W14737.182
	CIGNI	N645633.64	W1473737.41	N6456.561	W14737.624
	ELACA	N650226.11	W1472638.38	N6502.435	W14726.640
	HOVMO	N645334.98	W1474309.05	N6453.583	W14743.151
	PERZO	N643847.14	W1481013.53	N6438.786	W14810.226
	ROPEE	N650013.97	W1473046.20	N6500.233	W14730.770
	SUXXI	N645909.25	W1471651.38	N6459.154	W14716.856
	RW20R	N644935.10	W1475031.82	N6449.585	W14750.530

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20R	00439	56

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FAIRBANKS, AK	ELEVATION: 439 TDZE: 439 AIRPORT NAME: FAIRBANKS INTL	RNAV	RNAV (GPS) RWY 20R, ORIG, 10/22/2009 22 OCT 2009	AMDT: NONE DATED:

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
CZQ VORTAC (IAF)	HYP VOR/DME (NOPT)	290.72 / 34.54	3000
HYP VOR/DME (IF/IAF)	SARNE INT/HYP 6.74 DME	306.04 / 6.74 (I-MER)	1800

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL09-20.

MISSED APPROACH

ILS: DA
LOC: HYP 11.59 DME FIX

CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HYP VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 800 THEN CLIMBING LEFT TURN TO 3000 DIRECT MOD VOR/DME AND HOLD E, LT, 284.59 INBOUND.

ADDITIONAL FLIGHT DATA:
CHART: ALTERNATE MA HOLDING, HOLD E MOD VOR/DME, LT, 284.59 INBOUND.
CHART FAS OBST: 274 TREE 372022N/1203101W
CHART 335' TOWER 371809N/1202904W
CHART MERCED RGNL/MACREADY FIELD AIRPORT.
CHART IN PLANVIEW: MOD VOR/DME.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE HYP VOR/DME, RT, 305.20 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 306.04 FAF: SARNE INT/HYP 6.74 DME DIST FAF TO MAP: ____ THLD: 4.86
4. MIN. ALT: HYP VOR/DME 3000, SARNE 1800
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1048
6. MIN GS INCPT: 1800 GS ALT AT: SARNE INT/HYP 4.86 DME 1800 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.2
8. MSA FROM: HYP VOR/DME 5600

MAG VAR: 15E 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 31	381	1/2	200	381	1/2	200	381	1/2	200	381	1/2	200			
→ S-LOC 31	540	1/2	359	540	1/2	359	540	1/2	359	540	3/4	359			
CIRCLING	640	1	449	660	1	469	660	1 1/2	469	760	2	569			

NOTES:
CHART NOTE: CIRCLING NA SW OF RWY 13-31.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MERCED RGNL/MACREADY FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FEET.
CHART NOTE: DME FROM HYP VOR/DME. SIMULTANEOUS RECEPTION OF I-MER AND HYP DME REQUIRED.
CHART PLAINVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CZQ VORTAC AIRWAY RADIALS 243 CW 348.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MERCED, CA	ELEVATION: 191 TDZE: 181 CASTLE	I-MER	ILS OR LOC/DME RWY 31, AMDT 2B 22 OCT 2009	AMDT: 2A DATED 05/07/2009

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) (42M)	279.96/7.00	
KANVE (40E) (42M)	USUSE (TF) (FB) (RNP 1.00) (40E)	340.00/10.00	
USUSE (40E)	EWC VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	058.62/16.36	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA TRACK 279.96 TO KANVE AND VIA TRACK 340.00 TO USUSE AND VIA TRACK 058.62 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)

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL09-20.

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 [ ] 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
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.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1203 TDZE: 1174	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	AIRPORT NAME: PITTSBURGH INTERNATIONAL	RNAV	24 SEP 2009 RNAV (RNP) Z RWY 28R, ORIG-A	AMDT: ORIG DATE 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	GRACE	GRACE	010	IAF	IF		FB				
	GRACE	NASTY	020	IF	TF		FB	1.0	200.7 (193T)	022.4	04000
	NESTO	NESTO	010	IAF	IF		FB				
	NESTO	NASTY	020	IF	TF		FB	1.0	341.5 (334T)	020.0	04000
		NASTY	010	FACF	IF		FB				04000
		ZAIKO	020	FAF	TF		FB	1.0	280.2 (272T)	009.4	03000
		RW28R	030	MAP	TF		FO	0.3	280.0 (272T)	005.5	01232 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KANVE	040		TF		FB	1.0	280.0 (272T)	007.0	
	USUSE	050		TF		FB	1.0	340.0 (332T)	010.0	
	EWC	060		TF		FO	1.0	058.6 (051T)	016.4	04000
	EWC	070		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
	NASTY	N402932.67	W0795429.13	N4029.545	W07954.486
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	USUSE	N403908.84	W0802920.78	N4039.147	W08029.346
	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

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 1203 TDZE: 1174 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PITTSBURGH, PA	PITTSBURGH INTL	RNAV	24 SEP 2009 RNAV (RNP) Z RWY 28R, ORIG-A	AMDT: ORIG DATED: 09/25/2008

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30685 Amdt. No 3338]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

SUMMARY: This 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 http://www.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 large 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. 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 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, 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 September 4,2009

John M. Allen

John M. Allen
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 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 22 OCT 2009

Bethel, AK, Bethel, RNAV (GPS) RWY 1R, Orig-A
Kenai, AK, Kenai Muni, VOR RWY 19R, Amdt 18C
Florala, AL, Florala Muni, RNAV (GPS) RWY 22, Amdt 1
Greensboro, AL, Greensboro Muni, RNAV (GPS) RWY 18, Orig, CANCELLED
Greensboro, AL, Greensboro Muni, RNAV (GPS) RWY 36, Orig, CANCELLED
Greensboro, AL, Greensboro Muni, Takeoff Minimums and Obstacle DP, Orig, CANCELLED
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 7L, Orig-A
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 7R, Orig-A
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 8, Orig-A
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 25L, Orig-A
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 25R, Orig-A
Phoenix, AZ, Phoenix Sky Harbor Intl, RNAV (RNP) Z RWY 26, Orig-A
Burbank, CA, Bob Hope, RNAV (RNP) Z RWY 8, Orig-A
Ontario, CA, Ontario Intl, RNAV (RNP) Z RWY 8L, Orig-B
Ontario, CA, Ontario Intl, RNAV (RNP) Z RWY 26L, Orig-B
Ontario, CA, Ontario Intl, RNAV (RNP) Z RWY 26R, Orig-B
San Francisco, CA, San Francisco Intl, RNAV (GPS) RWY 28L, Amdt 1
San Francisco, CA, San Francisco Intl, RNAV (GPS) Z RWY 19L, Amdt 1
Santa Rosa, CA, Charles M. Schulz-Sonoma County, ILS OR LOC RWY 32, Amdt 18
Ukiah, CA, Ukiah Muni, RNAV (GPS)-B, Orig
Ukiah, CA, Ukiah Muni, VOR-A, Amdt 4
Ukiah, CA, Ukiah Muni, VOR/DME RNAV OR GPS-B, Amdt 4A, CANCELLED
Pueblo, CO, Pueblo Memorial, Takeoff Minimums and Obstacle DP, Amdt 4
Miami, FL, Kendall-Tamiami Executive, Takeoff Minimums and Obstacle DP, Amdt 8
Palatka, FL, Palatka Muni-Lt Kay Larkin Field, Takeoff Minimums and Obstacle DP, Orig
Brunswick, GA, Brunswick Golden Isles, RNAV (GPS) RWY 7, Amdt 1
Brunswick, GA, Brunswick Golden Isles, RNAV (GPS) RWY 25, Amdt 1
Brunswick, GA, Brunswick Golden Isles, VOR/DME-B, Amdt 9
Claxton, GA, Claxton-Evans County, RNAV (GPS) RWY 9, Amdt 1
Claxton, GA, Claxton-Evans County, RNAV (GPS) RWY 27, Orig
Jasper, GA, Pickens County, NDB RWY 34, Orig, CANCELLED
Jekyll Island, GA, Jekyll Island, GPS RWY 36, Orig-B, CANCELLED
Jekyll Island, GA, Jekyll Island, RNAV (GPS) RWY 36, Orig
Jekyll Island, GA, Jekyll Island, VOR-A, Amdt 10
Thomaston, GA, Thomaston-Upson County, Takeoff Minimums and Obstacle DP, Amdt 2
Guam, GQ, Guam Intl, RNAV (RNP) Z RWY 6L, Orig-C
Guam, GQ, Guam Intl, RNAV (RNP) Z RWY 6R, Orig-B
Guam, GQ, Guam Intl, RNAV (RNP) Z RWY 24L, Orig-D
Guam, GQ, Guam Intl, RNAV (RNP) Z RWY 24R, Orig-B

Kahului, HI, Kahului, ILS OR LOC RWY 2, Amdt 24
Kahului, HI, Kahului, LOC/DME BC RWY 20, Amdt 14
Kapolei, Oahu Island, HI, Kalaeloa (John Rodgers Field), Takeoff Minimums and Obstacle DP, Orig
Kapolei, Oahu Island, HI, Kalaeloa (John Rodgers Field), VOR/DME RWY 4R, Amdt 1
Oskaloosa, IA, Oskaloosa Muni, NDB RWY 22, Amdt 4
Oskaloosa, IA, Oskaloosa Muni, RNAV (GPS) RWY 13, Amdt 1
Oskaloosa, IA, Oskaloosa Muni, RNAV (GPS) RWY 31, Amdt 1
Oskaloosa, IA, Oskaloosa Muni, Takeoff Minimums and Obstacle DP, Orig
Bloomington, IN, Monroe County, ILS OR LOC/DME RWY 35, Amdt 6
Bloomington, IN, Monroe County, VOR/DME RWY 6, Amdt 18
Bloomington, IN, Monroe County, VOR/DME RWY 24, Amdt 12
Pikeville, KY, Pike County-Hatcher Field, ILS OR LOC/DME RWY 27, Amdt 1
Pikeville, KY, Pike County-Hatcher Field, RNAV (GPS) RWY 9, Amdt 1
Pikeville, KY, Pike County-Hatcher Field, RNAV (GPS) RWY 27, Amdt 1
Pontiac, MI, Oakland County Intl, LOC BC RWY 27L, Amdt 1
Pontiac, MI, Oakland County Intl, RNAV (GPS) RWY 9R, Orig
Pontiac, MI, Oakland County Intl, Takeoff Minimums and Obstacle DP, Amdt 5
Pontiac, MI, Oakland County Intl, VOR RWY 9R, Amdt 24
Pontiac, MI, Oakland County Intl, VOR RWY 27L, Amdt 15
Sault Ste Marie, MI, Chippewa County Intl, RNAV (GPS) RWY 16, Amdt 1
Sault Ste Marie, MI, Chippewa County Intl, RNAV (GPS) RWY 34, Amdt 1
Sault Ste Marie, MI, Chippewa County Intl, VOR-A, Amdt 7
Washington, MO, Washington Rgnl, RNAV (GPS) RWY 15, Amdt 2
Washington, MO, Washington Rgnl, RNAV (GPS) RWY 33, Amdt 2
Washington, MO, Washington Rgnl, Takeoff Minimum and Obstacle DP, Amdt 1
Washington, MO, Washington Rgnl, VOR-A, Amdt 2
Fort Benton, MT, Fort Benton, RNAV (GPS) RWY 23, Orig
Fort Benton, MT, Fort Benton, RNAV (GPS)-A, Orig, CANCELLED
Poplar, MT, Poplar, Takeoff Minimums and Obstacle DP, Orig
Ronan, MT, Ronan, RNAV (GPS) RWY 16, Orig
Ronan, MT, Ronan, RNAV (GPS) RWY 34, Orig
Ronan, MT, Ronan, Takeoff Minimums and Obstacle DP, Orig
Greensboro, NC, Piedmont Triad Intl, Takeoff Minimums and Obstacle DP, Amdt 1
York**,** NE, York Muni, NDB RWY 17, Amdt 6
Fremont, OH, Fremont, RNAV (GPS) RWY 9, Orig
Fremont, OH, Fremont, Takeoff Minimums and Obstacle DP, Amdt 2
Fremont, OH, Fremont, VOR RWY 9, Amdt 6
John Day, OR, Grant Co Rgnl/Ogilvie Field, RNAV (GPS) Z RWY 9, Orig
San Juan, PR, Luis Munoz Marin Intl, VOR OR TACAN RWY 8, Amdt 1
San Juan, PR, Luis Munoz Marin Intl, VOR OR TACAN RWY 10, Amdt 1
San Juan, PR, Luis Munoz Marin Intl, VOR OR TACAN RWY 26, Amdt 20
Spartanburg, SC, Spartanburg Downtown Memorial, Takeoff Minimums and Obstacle DP, Orig

Sumter, SC, Sumter, GPS RWY 23, Orig, CANCELLED
Sumter, SC, Sumter, NDB RWY 23, Amdt 3
Sumter, SC, Sumter, RNAV (GPS) RWY 5, Orig
Sumter, SC, Sumter, RNAV (GPS) Y RWY 23, Orig
Sumter, SC, Sumter, RNAV (GPS) Z RWY 23, Orig
Sumter, SC, Sumter, Takeoff Minimums and Obstacle DP, Amdt 1
Aberdeen, SD, Aberdeen Rgnl, VOR RWY 31, Amdt 21
Aberdeen, SD, Aberdeen Rgnl, VOR/DME RWY 13, Amdt 13
Rockwood, TN, Rockwood Muni, VOR/DME RWY 22, Amdt 6
Dallas-Fort Worth, TX, Dallas-Fort Worth Intl, RNAV (RNP) Z RWY 13R, Orig-B
Dallas-Fort Worth, TX, Dallas-Fort Worth Intl, RNAV (RNP) Z RWY 31L, Orig-B
Dallas-Fort Worth, TX, Dallas-Fort Worth Intl, RNAV (RNP) Z RWY 31R, Amdt 1A
Eagle Pass, TX, Maverick County Memorial Intl, RNAV (GPS) RWY 13, Orig
Grand Praire, TX, Grand Praire Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Brigham City, UT, Brigham City, Takeoff Minimums and Obstacle DP, Amdt 5
Huntington, UT, Huntington Muni, Takeoff Minimums and Obstacle DP, Amdt 2A
Eastsound, WA, Orcas Island, RNAV (GPS)-A, Orig
Eastsound, WA, Orcas Island, Takeoff Minimums and Obstacle DP, Orig
Ellensburg, WA, Bowers Field, RNAV (GPS) RWY 25, Amdt 1
Ellensburg, WA, Bowers Field, RNAV (GPS) RWY 29, Amdt 1
Hoquiam, WA, Bowerman, ILS OR LOC/DME RWY 24, Amdt 3
Port Angeles, WA, William R. Fairchild Intl, RNAV (GPS) RWY 26, Orig

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
LIJHA (IAF)	PUYIC (NOPT) (FB)	099.14 / 6.11	2000
CITAY (IAF)	PUYIC (NOPT) (FB)	279.53 / 5.89	2000
PUYIC (IF/IAF)	BOZEL (FB)	009.34 / 6.01	1800

MISSED APPROACH

LNAV: LUCIK

CLIMB TO 2000 DIRECT FAPLO THEN LEFT TURN VIA 255.67 TRACK TO ROLLR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 097.18 INBOUND.
CHART FAS OBST: 234 VEGETATION 604326N/1615436W
CHART TDZE 119.
CHART VDP AT 0.52 MILES TO LUCIK.
BOZEL TO RW01R: 3.04/55.
CHART AIRPORT ELEV 126.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PUYIC, RT, 009.34 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 009.41 FAF: BOZEL DIST FAF TO MAP: 4.54 THLD: 5.04
4. MIN. ALT: PUYIC 2000, BOZEL 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:

MAG VAR: 14E EPOCH YEAR: 2010

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	500	1	381	500	1	381	500	1	381	500	1 1/4	381			
CIRCLING	520	1	394	580	1	454	600	1 1/2	474	680	2	554			

NOTES:
CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BETHEL, AK	AIRPORT NAME: BETHEL	RNAV	RNAV (GPS) RWY 1R, ORIG-A 22 OCT 2009	AMDT: ORIG
				DATED 08/27/2009

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.	279/30 CW 099/30 (NOPT)	279/25 CW 099/25 (FB)	2700
2.	279/25 CW 099/25	PUYIC (IF/IAF) (FB)	2000
3.	099/30 CW 189/30	LIJHA (IAF) (FB)	2000
4.	189/30 CW 279/30	189/15 CW 279/15 (FB)	3200
5.	189/15 CW 279/15	CITAY (IAF) (FB)	2000

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BETHEL, AK	AIRPORT NAME: BETHEL	RNAV	RNAV (GPS) RWY 1R, ORIG-A 22 OCT 2009	AMDT: ORIG
				DATED: 08/27/2009

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 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   BOZEL PA0    W     N60413886W161542876                          NAR          BOZEL                    I
        SCANEAENRT   CITAY PA0    W     N60334874W161482244                          NAR          CITAY                    I
        SCANEAENRT   FAPLO PA0    W     N60513005W161454371                          NAR          FAPLO                    I
        SCANEAENRT   LIJHA PA0    W     N60383310W162104350                          NAR          LIJHA                    I
        SCANEAENRT   LUCIK PA0    W     N60454818W161504807                          NAR          LUCIK                    I
        SCANEAENRT   PUYIC PA0    W     N60360883W161591931                          NAR          PUYIC                    I
        SCANEAENRT   ROLLR PA0    C   L N60512288W162122022                          NAR          ROLLR                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PABEPAABET     0     064YHN60464720W161501680E014000126         1800018000C    MNAR    BETHEL                   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PABEPAFR01R  ACITAY 010CITAYPAEA0E  A    IF                                                18000              B JS   I
        SCANP PABEPAFR01R  ACITAY 020PUYICPAEA0EE   010TF                    27950059    + 02000                          B JS   I
        SCANP PABEPAFR01R  ALIJHA 010LIJHAPAEA0E  A    IF                                                18000              B JS   I
        SCANP PABEPAFR01R  ALIJHA 020PUYICPAEA0EE   010TF                    09910061    + 02000                          B JS   I
        SCANP PABEPAFR01R  APUYIC 010PUYICPAEA0EE AR   HF                     00930040    + 02000     18000                B JS   I
        SCANP PABEPAFR01R  R      010PUYICPAEA0E  I    IF                                + 02000     18000                B JS   I
        SCANP PABEPAFR01R  R      020BOZELPAEA1E  F 051TF                    00930060    + 01800                          B JS   I
        SCANP PABEPAFR01R  R      020BOZELPAEA2WN          N          ALNAV                                                JS   I
        SCANP PABEPAFR01R  R      030LUCIKPAEA0EY M 031TF                    00940045      00332           -304           B JS   I
        SCANP PABEPAFR01R  R      040FAPLOPAEA0E M  010DF                                + 02000                          B JS   I
        SCANP PABEPAFR01R  R      050ROLLRPAEA0EY  L010TFY                   2557        + 02000                          B JS   I
        SCANP PABEPAFR01R  R      060ROLLRPAEA0EE  R020HM                   09720040    + 02000                          B JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP PABEPAGRW01R   0040000095 N60461562W161502371-0100          00117000055075R                                      I
```

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BETHEL, AK	AIRPORT NAME: BETHEL	RNAV	RNAV (GPS) RWY 1R, ORIG-A 22 OCT 2009	AMDT: ORIG
				DATED: 08/27/2009

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CITAY	CITAY	010	IAF	IF		FB				
	CITAY	PUYIC	020		TF		FB	1.0	279.5(294T)	005.9	02000
	LIJHA	LIJHA	010	IAF	IF		FB				
	LIJHA	PUYIC	020		TF		FB	1.0	099.1(113T)	006.1	02000
	PUYIC	PUYIC	010	IAF	HF	R	FO		009.3(023T)	004.0	02000
		PUYIC	010	FACF	IF		FB				02000
		BOZEL	020	FAF	TF		FB	0.5	009.3(023T)	006.0	01800
		LUCIK	030	MAP	TF		FO	0.3	009.4(023T)	004.5	00332

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FAPLO	040		DF		FB	1.0			02000
	ROLLR	050		TF	L	FO	1.0	255.7(270T)		02000
	ROLLR	060		HM	R	FO	2.0	097.2(111T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOZEL	N604138.86	W1615428.76	N6041.648	W16154.479
	CITAY	N603348.74	W1614822.44	N6033.812	W16148.374
	FAPLO	N605130.05	W1614543.71	N6051.501	W16145.729
	LIJHA	N603833.10	W1621043.50	N6038.552	W16210.725
	LUCIK	N604548.18	W1615048.07	N6045.803	W16150.801
	PUYIC	N603608.83	W1615919.31	N6036.147	W16159.322
	ROLLR	N605122.88	W1621220.22	N6051.381	W16212.337
	RW01R	N604615.62	W1615023.71	N6046.260	W16150.395

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01R	00117	55

CITY AND STATE	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BETHEL, AK	AIRPORT NAME: BETHEL	RNAV	RNAV (GPS) RWY 1R, ORIG-A 22 OCT 2009	AMDT: ORIG
				DATED: 08/27/2009

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
SWANS/10.00 DME (IAF)	TBONE/8.00 DME (NOPT)	256.00 / 1.92 (HDG) & 186.11 / 1.17 (ENA R-006)	2000
ROJAR/8.00 DME CCW (IAF)	TBONE/8.00 DME (NOPT)	8.00 DME ARC (ENA LR-021)	2000
TWIGI/8.00 DME CW (IAF)	TBONE/8.00 DME (NOPT)	8.00 DME ARC (ENA LR-351)	2000
TBONE/8.00 DME (IF)	FATEL INT/2.50 DME	186.11 / 5.50 (ENA R-006)	1300
FATEL INT/2.50 DME	ENA VOR/DME	186.11 / 2.50	1000

MISSED APPROACH

MAP: 2.33 MILES AFTER ENA VOR/DME OR AT ENA 2.33 DME FIX

CLIMB TO 2200 VIA ENA VOR/DME R-186 TO DIXIT INT/KENAI 10.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, LT, 006.08 INBOUND.
CHART FAS OBST: 252 NDB 603555N/1511240W
CHART VDP AT 1.17 DME;
DISTANCE VDP TO THLD 1.16 MILES.
CHART ENA R-260 AT TWIGI.
CHART ENA R-089 AT ROJAR.
ENA VOR/DME TO RW19R: 3.44/51.
CHART: (CUXET) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT L SIDE OF COURSE 006.07 OUTBOUND 2000 FT WITHIN 10 MILES OF ENA VOR/DME (IAF)
2.
3. FAC 186.07 FAF ENA VOR/DME DIST FAF TO MAP 2.33 THLD 2.33
4. MIN. ALT FATEL 1300, ENA VOR/DME 1000
8. MSA FROM: ENA VOR/DME 030-210 3500, 210-030 2200

MAG VAR: 25E 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-19R	520	2400	421	520	2400	421	520	4000	421	520	5000	421			
CIRCLING	560	1	461	580	1	481	580	1 1/2	481	660	2	561			

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-19R CAT D VISIBILITY TO RVR 6000.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: ADF OR DME REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOLDOTNA ALTIMETER SETTING AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 99 TDZE: 99	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
KENAI, AK	AIRPORT NAME: KENAI MUNI	ENA	VOR RWY 19R, AMDT 18C 22 OCT 2009	AMDT 18B DATE 07/02/2009

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.23

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NOTES CONT.
INCREASE ALL MDA 40 FEET.
CHART NOTE: VDP NA WHEN USING SOLDOTNA ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KENAI, AK	**ELEVATION: 99 TDZE: 99** AIRPORT NAME: **KENAI MUNI**	**ENA**	**VOR RWY 19R, AMDT 18C** 22 OCT 2009	AMDT: **18B** DATED: **07/02/2009**

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
VIGHU (IAF)	WOGEF (NOPT) (FB)	129.63 / 5.00	2500
OGITE (IAF)	WOGEF (NOPT) (FB)	309.71 / 5.00	2500
WOGEF (IF/IAF)	UZBIN (FB)	219.67 / 6.04	1900

MISSED APPROACH

LNAV: RW22

CLIMBING RIGHT TURN TO 2500 DIRECT VIGHU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 129.63 INBOUND.
FAS OBST: 569 AAO 310416N/0861704W
UZBIN TO RW22: 3.04/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE WOGEF, RT, 219.67 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 219.63 FAF: UZBIN DIST FAF TO MAP: 4.79 THLD: 4.79
4. MIN. ALT: WOGEF 2500, UZBIN 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:

MAG VAR: 2W 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	820	1	506	820	1	506	820	1 1/2	506		NA				
CIRCLING	820	1	506	820	1	506	820	1 1/2	506		NA				

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CRESTVIEW ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 314 TDZE: 314	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FLORALA, AL	AIRPORT NAME: FLORALA MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 11/01/2001

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 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.	130/30 CW 310/30 (NOPT)	130/10 CW 310/10	3100
2.	130/10 CW 310/10	WOGEF (IF/IAF) (FB)	2500
3.	310/30 CW 040/30	OGITE (IAF) (FB)	3100
4.	040/30 CW 130/30	VIGHU (IAF) (FB)	2500

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLORALA, AL	ELEVATION: 314 TDZE: 314 AIRPORT NAME: FLORALA MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 11/01/2001

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 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   OGITE K70    W     N31081736W086061151                                NAR          OGITE
        SUSAEAENRT   UZBIN K70    W     N31063361W086150615                                NAR          UZBIN
        SUSAEAENRT   VIGHU K70    W     N31142485W086152519                                NAR          VIGHU
        SUSAEAENRT   WOGEF K70    W     N31112119W086104820                                NAR          WOGEF

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0J4 K7A0J4     0     031YHN31023291W086184162W002000314         1800018000C    MNAR    FLORALA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0J4 K7FR22   AOGITE 010OGITEK7EA0E  A    IF                                                18000                B JS
        SUSAP 0J4 K7FR22   AOGITE 020WOGEFK7EA0EE   010TF                      30970050    + 02500                            B JS
        SUSAP 0J4 K7FR22   AVIGHU 010VIGHUK7EA0E  A    IF                                                18000                B JS
        SUSAP 0J4 K7FR22   AVIGHU 020WOGEFK7EA0EE   010TF                      12960050    + 02500                            B JS
        SUSAP 0J4 K7FR22   AWOGEF 010WOGEFK7EA0EE AR   HF                      21970040    + 02500     18000                  B JS
        SUSAP 0J4 K7FR22   R      010WOGEFK7EA0E  I    IF                                  + 02500     18000                  B JS
        SUSAP 0J4 K7FR22   R      020UZBINK7EA1E  F 051TF                      21970060    + 01900                            B JS
        SUSAP 0J4 K7FR22   R      020UZBINK7EA2WN          N          ALNAV                                                     JS
        SUSAP 0J4 K7FR22   R      030RW22 K7PG0GY M 031TF                      21960048      00354             -304           B JS
        SUSAP 0J4 K7FR22   R      040VIGHUK7EA0EYM R010DF                                  + 02500                            B JS
        SUSAP 0J4 K7FR22   R      050VIGHUK7EA0EE  R020HM                      12960040    + 02500                            B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0J4 K7GRW22    0031972196 N31024544W086183041-0800    +0068800314000040075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 314 TDZE: 314	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLORALA, AL	AIRPORT NAME: FLORALA MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 11/01/2001

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OGITE	OGITE	010	IAF	IF		FB				
	OGITE	WOGEF	020		TF		FB	1.0	309.7(308T)	005.0	02500
	VIGHU	VIGHU	010	IAF	IF		FB				
	VIGHU	WOGEF	020		TF		FB	1.0	129.6(128T)	005.0	02500
	WOGEF	WOGEF	010	IAF	HF	R	FO		219.7(218T)	004.0	02500
		WOGEF	010	FACF	IF		FB				02500
		UZBIN	020	FAF	TF		FB	0.5	219.7(218T)	006.0	01900
		RW22	030	MAP	TF		FO	0.3	219.6(218T)	004.8	00354

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	VIGHU	040		DF	R	FO	1.0			02500
	VIGHU	050		HM	R	FO	2.0	129.6(128T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OGITE	N310817.36	W0860611.51	N3108.289	W08606.192
	UZBIN	N310633.61	W0861506.15	N3106.560	W08615.103
	VIGHU	N311424.85	W0861525.19	N3114.414	W08615.420
	WOGEF	N311121.19	W0861048.20	N3111.353	W08610.803
	RW22	N310245.44	W0861830.41	N3102.757	W08618.507

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00314	40

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLORALA, AL	**ELEVATION: 314 TDZE: 314** AIRPORT NAME: **FLORALA MUNI**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1** 22 OCT 2009	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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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 22 OCT 2009

QUALITY CHECKED

CITY AND STATE	ELEVATION: 180 TDZE: 180	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENSBORO, AL	AIRPORT NAME: **GREENSBORO MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG, 01/18/2007**	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

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 22 OCT 2009

QUALITY CHECKED

CITY AND STATE	ELEVATION: 180 TDZE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENSBORO, AL	AIRPORT NAME: **GREENSBORO MUNI**	**RNAV**	**RNAV (GPS) RWY 36, ORIG, 01/18/2007**	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:
PROCEDURE CANCELED EFFECTIVE 22 OCT 2009

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GREENSBORO, AL	GREENSBORO MUNI	01/18/2007	ORIG

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
BXK VORTAC (40V)	AVONA (TF) (FB) (RNP 1.00) (40E) (43A)	079.40/25.06	5000
AVONA (IAF) (40E) (43A)	UPNIW (TF) (FB) (RNP 1.00) (40E) (41E)	089.79/3.29	4000
UPNIW (IF) (40E) (43I)	YECXY (TF) (FB) (RNP 1.00) (40E) (43F)	077.91/6.10	3000
YECXY (FAF) (40E) (43F)	RW07L (TF) (FO) (40G) (41Y) (43M)	077.98/5.67	
RW07L (MAP) (40G) (41Y) (43M)	UXCUN (TF) (FB) (RNP 1.00) (40E) (42M)	078.03/7.29	
UXCUN (40E) (42M)	IWA VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	111.39/13.88	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 078.03 TO UXCUN AND VIA TRACK 111.39 TO IWA VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD, S, RT, 360.00 INBOUND.
CHART FAS OBSTACLE: 1180 ANTENNA ON BLDG
332548N/1120242W
DISTANCE TO THLD FROM 407 HAT: 1.12 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1166.8 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UPNIW
3. FAC: 077.98 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: UPNIW 4000
5. DIST TO THLD FROM OM: 5.67 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: YECXY 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.7# 34:1 IS NOT CLEAR
8. MSA FROM: RW07L 6100

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	1523	5000	407	1523	5000	407	1523	5000	407	1523	5000	407			

NOTES: CHART NOTES: GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BXK VORTAC VIA V16 WESTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1116 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 7L, ORIG-A	AMDT: ORIG DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	BXK	BXK	010		IF		FB				
	BXK	AVONA	020	IAF	TF		FB	1.0	079.4 (091T)	025.1	05000
	BXK	UPNIW	030	IF	TF		FB	1.0	089.8 (102T)	003.3	04000
		UPNIW	010	FACF	IF		FB				04000
		YECXY	020	FAF	TF		FB	1.0	077.9 (090T)	006.1	03000
		RW07L	030	MAP	TF		FO	0.3	078.0 (090T)	005.7	01167 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UXCUN	040		TF		FB	1.0	078.0 (090T)	007.3	
	IWA	050		TF		FO	1.0	111.4 (123T)	013.9	05000
	IWA	060		HM	R	FO	2.0	360.0 (012T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVONA	N332632.04	W1121932.34	N3326.534	W11219.539
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	IWA	N331811.43	W1113905.19	N3318.191	W11139.087
	UPNIW	N332551.51	W1121541.19	N3325.859	W11215.687
	UXCUN	N332551.26	W1115254.59	N3325.854	W11152.910
	YECXY	N332551.86	W1120823.87	N3325.864	W11208.398
	RW07L	N332551.81	W1120137.56	N3325.864	W11201.626

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07L	01110	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1116 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 7L, ORIG-A	AMDT: ORIG DATED: 03/12/2009

U.S. Department of Transportation
Federal Aviation Administration

RNP - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BXK VORTAC (40V)	ALLIS (TF)(FB)(RNP 2.00)(40E)(43A)	079.40/10.00	5000
ALLIS (IAF)(40E)(43A)	JEPES (TF)(FB)(RNP 1.00) (40E)(41E)	081.72/18.42	4300
JEPES (IF)(40E)(43I)	OVNUY (TF)(FB)(RNP 1.00)(40E)(43F)	077.90/6.01	3000
OVNUY (FAF)(40E)(43F)	RW07R (TF)(FO)(40G)(41Y)(43M)	077.97/5.66	
RW07R (MAP)(40G)(41Y)(43M)	NAVOQ (TF)(FB)(RNP 1.00)(40E)(42M)	078.03/6.93	
NAVOQ (40E)(42M)	IWA VORTAC (TF)(FO)(RNP 1.00)(40V)(41Y)	110.12/14.12	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 078.03 TO NAVOQ AND VIA TRACK 110.12 TO IWA VORTAC AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JEPES
3. FAC: 077.97 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: JEPES 4300
5. DIST TO THLD FROM OM: 5.66 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: OVNUY 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.7# 34:1 IS NOT CLEAR
8. MSA FROM: RW07R 6200

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 360.00 INBOUND.
CHART FAS OBST: 1180 ANTENNA 332548N/1120242W
CHART: 1182 LT POLE 332538N/1120205W, 1163 LT POLE 332539N/1120156W, 1169 LT POLE 332542N/1120218W, 1170 LT POLE 332540N/1120217W, 1169 LT POLE 332539N/1120215W, 1165 LT POLE 332537N/1120214W, 1161 LT POLE 332536N/1120212W, 1147 LT POLE 332535N/1120205W, 1152 LT POLE 332539N/1120212W, 1138 ROAD 332529N/1120211W, 1133 ROAD 332535N/1120205W
DISTANCE TO THLD FROM 407 HAT: 1.12 NM
ROUTE TYPE: A, R
CONTINUED IN NOTES.

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	1523	1	407	1523	1	407	1523	1	407	1523	1	407			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 1/2.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BUCKEYE (BXK) VORTAC VIA V461 WESTBOUND.

ADDITIONAL FLIGHT DATA CONTINUED:
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1167.6 MSL (DO NOT CHART)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1116 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 7R, ORIG-A	AMDT: ORIG DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	BXK	BXK	010		IF		FB				
	BXK	ALLIS	020	IAF	TF		FB	2.0	079.4 (091T)	010.0	05000
	BXK	JEPES	030	IF	TF		FB	1.0	081.7 (094T)	018.4	04300
		JEPES	010	FACF	IF		FB				04300
		OVNUY	020	FAF	TF		FB	1.0	077.9 (090T)	006.0	03000
		RW07R	030	MAP	TF		FO	0.3	078.0 (090T)	005.7	01168 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NAVOQ	040		TF		FB	1.0	078.0 (090T)	006.9	
	IWA	050		TF		FO	1.0	110.1 (122T)	014.1	05000
	IWA	060		HM	R	FO	2.0	360.0 (012T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALLIS	N332657.18	W1123731.64	N3326.953	W11237.527
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	IWA	N331811.43	W1113905.19	N3318.191	W11139.087
	JEPES	N332543.47	W1121534.21	N3325.725	W11215.570
	NAVOQ	N332543.42	W1115321.01	N3325.724	W11153.350
	OVNUY	N332543.88	W1120823.69	N3325.731	W11208.395
	RW07R	N332543.89	W1120137.57	N3325.732	W11201.626

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	01111	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1116 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 7R, ORIG-A	AMDT: ORIG DATED: 03/12/2009

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
BXK VORTAC (40V)	ALLIS (TF) (FB) (RNP 2.00) (40E) (43A)	079.40/10.00	5000
ALLIS (IAF) (40E) (43A)	ETVIW (TF) (FB) (RNP 1.00) (40E) (41E)	079.46/18.39	4100
ETVIW (IF) (40E) (43I)	OJGIL (TF) (FB) (RNP 1.00) (40E) (43F)	077.93/6.01	3000
OJGIL (FAF) (40E) (43F)	RW08 (TF) (FO) (40G) (41Y) (43M)	078.00/5.67	
RW08 (MAP) (40G) (41Y) (43M)	YOKXO (TF) (FB) (RNP 1.00) (40E) (42M)	078.06/7.34	
YOKXO (40E) (42M)	IWA VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	113.50/14.15	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 078.06 TO YOKXO AND VIA TRACK 113.50 TO IWA VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD, S, RT, 360.00 INBOUND.
CHART FAS OBST:
1270 BLDG 332654N/1120244W
1160 TOWER 332646N/1120219W
DISTANCE TO THLD FROM 360 HAT: 0.98 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1166.5 MSL (DO NOT CHART)
CHART: 1125 OL HGR 332631N/1120141W, 1142 LT 332632N/1120148W, 1120 OL ON FENCE 332624N/1120140W ,1135 LT 332623N/1120148W, 1133 TREE 332630N/1120149W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ALLIS
3. FAC: 078.00 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ALLIS 5000, ETVIW 4100
5. DIST TO THLD FROM OM: 5.67 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: OJGIL 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW08 6300

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.13 DA	1478	1	360	1478	1	360	1478	1	360	1478	1	360			
RNP 0.30 DA	1603	1 1/2	485	1603	1 1/2	485	1603	1 1/2	485	1603	1 1/2	485			

NOTES: CHART NOTES: GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C(116F). FOR INOPERATIVE MALSF, INCREASE RNP 0.13 ALL CATS VISIBILITY TO 1 1/4, AND RNP 0.30 ALL CATS VISIBILITY TO 1 3/4.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BXK VORTAC VIA V461-WESTBOUND.

QUALITY CHECKED 8

CITY AND STATE	ELEVATION: 1135 TDZE: 1118 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 8, ORIG-A	AMDT: ORIG DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	BXK	BXK	010		IF		FB				
	BXK	ALLIS	020	IAF	TF		FB	2.0	079.4 (091T)	010.0	05000
	BXK	ETVIW	030	IF	TF		FB	1.0	079.5 (091T)	018.4	04100
		ETVIW	010	FACF	IF		FB				04100
		OJGIL	020	FAF	TF		FB	1.0	077.9 (090T)	006.0	03000
		RW08	030	MAP	TF		FO	0.3	078.0 (090T)	005.7	01167 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YOKXO	040		TF		FB	1.0	078.1 (090T)	007.3	
	IWA	050		TF		FO	1.0	113.5 (126T)	014.2	05000
	IWA	060		HM	R	FO	2.0	360.0 (012T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALLIS	N332657.18	W1123731.64	N3326.953	W11237.527
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	ETVIW	N332627.05	W1121533.68	N3326.451	W11215.561
	IWA	N331811.43	W1113905.19	N3318.191	W11139.087
	OJGIL	N332627.26	W1120823.08	N3326.454	W11208.385
	YOKXO	N332626.31	W1115250.10	N3326.439	W11152.835
	RW08	N332627.09	W1120136.66	N3326.452	W11201.611

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	01113	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1118 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 8, ORIG-A	AMDT: ORIG DATED: 03/12/2009

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
ZERLO (IAF) (40E) (43A)	FIXAR (TF) (FB) (RNP 1.00) (40E)	187.59/10.54	7000
FIXAR (40E)	HAMEK (TF) (FB) (RNP 1.00) (40E) (41E)	258.26/7.15	5000
HAMEK (IF) (40E) (43I)	GIPSE (TF) (FB) (RNP 1.00) (40E) (42S)	258.18/3.60	4000
GIPSE (40E) (42S)	NAVOQ (TF) (FB) (RNP 1.00) (40E) (43F)	258.14/3.83	3000
NAVOQ (FAF) (40E) (43F)	RW25L (TF) (FO) (40G) (41Y) (43M)	258.10/5.64	
RW25L (MAP) (40G) (41Y) (43M)	OVNUY (TF) (FB) (RNP 1.00) (40E) (42M)	258.04/6.95	
OVNUY (40E) (42M)	BXK VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	260.64/34.41	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 258.04 TO OVNUY AND VIA TRACK 260.64 TO BXK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 083.56 INBOUND
CHART FAS OBST: 1241 ANT 332524N/1115857W
DISTANCE TO THLD FROM 491 HAT: 1.39 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1174.9 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FIXAR
3. FAC: 258.10 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: FIXAR 7000, HAMEK 5000, GIPSE 4000
5. DIST TO THLD FROM OM: 5.64 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: NAVOQ 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.7# 34:1 IS NOT CLEAR
8. MSA FROM: RW25L 6300

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	1617	1 1/4	491	1617	1 1/4	491	1617	1 1/4	491	1617	1 1/4	491			
RNP 0.30 DA	1664	1 1/2	538	1664	1 1/2	538	1664	1 1/2	538	1664	1 1/2	538			

NOTES: CHART NOTES: FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO 1 3/4, RNP 0.30 ALL CATS VISIBILITY TO 2. VISIBILITY REDUCTION BY HELICOPTERS NA. GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO VIA V190 NORTHEAST BOUND.

CITY AND STATE	ELEVATION: 1135 TDZE: 1126 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 25L, ORIG-A	AMDT: ORIG DATE 03/12/2009

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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
	ZERLO	ZERLO	010	IAF	IF		FB				
	ZERLO	FIXAR	020	SDF	TF		FB	1.0	187.6 (200T)	010.5	07000
	ZERLO	HAMEK	030	IF	TF		FB	1.0	258.3 (270T)	007.2	05000
		HAMEK	010	FACF	IF		FB				05000
		GIPSE	011	SDF	TF		FB	1.0	258.2 (270T)	003.6	04000
		NAVOQ	020	FAF	TF		FB	1.0	258.1 (270T)	003.8	03000
		RW25L	030	MAP	TF		FO	0.3	258.1 (270T)	005.6	01175 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OVNUY	040		TF		FB	1.0	258.0 (270T)	007.0	
	BXK	050		TF		FO	1.0	260.6 (273T)	034.4	05000
	BXK	060		HM	R	FO	2.0	083.6 (096T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	FIXAR	N332540.64	W1113555.95	N3325.677	W11135.933
	GIPSE	N332542.93	W1114846.62	N3325.716	W11148.777
	HAMEK	N332542.31	W1114428.54	N3325.705	W11144.476
	NAVOQ	N332543.42	W1115321.01	N3325.724	W11153.350
	OVNUY	N332543.88	W1120823.69	N3325.731	W11208.395
	ZERLO	N333537.39	W1113142.76	N3335.623	W11131.713
	RW25L	N332543.84	W1120005.54	N3325.731	W11200.092

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25L	01126	49

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1126 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 25L, ORIG-A	AMDT: ORIG DATED: 03/12/2009

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
ZERLO (IAF) (40E) (43A)	UVIYO (TF) (FB) (RNP 1.00) (40E)	186.51/10.33	7000
UVIYO (40E)	TEYYI (TF) (FB) (RNP 1.00) (40E) (41E)	258.27/7.40	5000
TEYYI (IF) (40E) (43I)	ZAMEX (TF) (FB) (RNP 0.50) (40E) (42S)	258.19/3.60	4000
ZAMEX (40E) (42S)	UXCUN (TF) (FB) (RNP 0.50) (40E) (43F)	258.15/3.46	3000
UXCUN (FAF) (40E) (43F)	RW25R (TF) (FO) (40G) (41Y) (43M)	258.11/5.60	
RW25R (MAP) (40G) (41Y) (43M)	YECXY (TF) (FB) (RNP 1.00) (40E) (42M)	258.06/7.36	
YECXY (40E) (42M)	BXK VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	260.42/34.40	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 258.06 TO YECXY AND VIA TRACK 260.42 TO BXK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 083.56 INBOUND
CHART FAS OBST: 1241 ANT 332533N/1115857W
DISTANCE TO THLD FROM 463 HAT: 1.28NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH 1189.0 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UVIYO
3. FAC. 258.11 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: UVIYO 7000, TEYYI 5000, ZAMEX 4000
5. DIST TO THLD FROM OM: 5.60 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: UXCUN 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW25R 6300

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA	1597	1 1/2	463	1597	1 1/2	463	1597	1 1/2	463	1597	1 1/2	463			
RNP 0.30 DA	1622	1 3/4	488	1622	1 3/4	488	1622	1 3/4	488	1622	1 3/4	488			

NOTES: CHART NOTES: VISIBILITY REDUCTION BY HELICOPTERS NA. GPS REQUIRED.
FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO VIA V190 NORTHEASTBOUND.

CITY AND STATE	ELEVATION: 1135 TDZE: 1134 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 25R, ORIG-A	AMDT: ORIG DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ZERLO	ZERLO	010	IAF	IF		FB				
	ZERLO	UVIYO	020	SDF	TF		FB	1.0	186.5 (199T)	010.3	07000
	ZERLO	TEYYI	030	IF	TF		FB	1.0	258.3 (270T)	007.4	05000
		TEYYI	010	FACF	IF		FB				05000
		ZAMEX	011	SDF	TF		FB	0.5	258.2 (270T)	003.6	04000
		UXCUN	020	FAF	TF		FB	0.5	258.2 (270T)	003.5	03000
		RW25R	030	MAP	TF		FO	0.3	258.1 (270T)	005.6	01189 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YECXY	040		TF		FB	1.0	258.1 (270T)	007.4	
	BXK	050		TF		FO	1.0	260.4 (272T)	034.4	05000
	BXK	060		HM	R	FO	2.0	083.6 (096T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	TEYYI	N332550.14	W1114428.42	N3325.836	W11144.474
	UVIYO	N332548.36	W1113537.90	N3325.806	W11135.632
	UXCUN	N332551.26	W1115254.59	N3325.854	W11152.910
	YECXY	N332551.86	W1120823.87	N3325.864	W11208.398
	ZAMEX	N332550.78	W1114846.51	N3325.846	W11148.775
	ZERLO	N333537.39	W1113142.76	N3335.623	W11131.713
	RW25R	N332551.73	W1115936.05	N3325.862	W11159.601

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25R	01134	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1134 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 25R, ORIG-A	AMDT: ORIG DATED: 03/12/2009

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
ZERLO (IAF) (40E) (43A)	CERUN (TF) (FB) (RNP 1.00) (40E)	187.56/9.79	7000
CERUN (40E)	TODRE (TF) (FB) (RNP 1.00) (40E) (41E)	258.30/7.40	5000
TODRE (IF) (40E) (43I)	JAGAL (TF) (FB) (RNP 1.00) (40E) (42S)	258.22/3.60	4000
JAGAL (40E) (42S)	YOKXO (TF) (FB) (RNP 1.00) (40E) (43F)	258.18/3.40	3000
YOKXO (FAF) (40E) (43F)	RW26 (TF) (FO) (40G) (41Y) (43M)	258.14/5.60	
RW26 (MAP) (40G) (41Y) (43M)	OJGIL (TF) (FB) (RNP 1.00) (40E) (42M)	258.08/7.42	
OJGIL (40E) (42M)	BXK VORTAC (TF) (FO) (RNP 1.00) (40V) (41Y)	259.44/34.38	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 258.08 TO OJGIL AND VIA TRACK 259.44 TO BXK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD, W, RT, 083.56 INBOUND.
CHART FAS OBST: 1352 BLDG 332660N/1115851W
1262 BLDG 332651N/1115842W
1210 POLE 332628N/1115838W

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TODRE
3. FAC: 258.14 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: TODRE 5000, JAGAL 4000
5. DIST TO THLD FROM OM: 5.60 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: YOKXO 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW26 6100

DISTANCE TO THLD FROM 355 HAT: 0.95 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 1188.6 MSL (DO NOT CHART)

MAG VAR: 12E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA	1490	1 1/4	355	1490	1 1/4	355	1490	1 1/4	355	1490	1 1/4	355			
RNP 0.20 DA	1590	1 1/2	455	1590	1 1/2	455	1590	1 1/2	455	1590	1 1/2	455			
RNP 0.30 DA	1654	1 3/4	519	1654	1 3/4	519	1654	1 3/4	519	1654	1 3/4	519			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (34F) OR ABOVE 46C (116F). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZERLO VIA V190 EASTBOUND. CHART PLANVIEW NOTE AT ZERLO: MAX 240 KIAS

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1135 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 26, ORIG-A	AMDT: ORIG DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ZERLO	ZERLO	010	IAF	IF		FB				
	ZERLO	CERUN	020	SDF	TF		FB	1.0	187.6 (200T)	009.8	07000
	ZERLO	TODRE	030	IF	TF		FB	1.0	258.3 (270T)	007.4	05000
		TODRE	010	FACF	IF		FB				05000
		JAGAL	011	SDF	TF		FB	1.0	258.2 (270T)	003.6	04000
		YOKXO	020	FAF	TF		FB	1.0	258.2 (270T)	003.4	03000
		RW26	030	MAP	TF		FO	0.3	258.1 (270T)	005.6	01189 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OJGIL	040		TF		FB	1.0	258.1 (270T)	007.4	
	BXK	050		TF		FO	1.0	259.4 (271T)	034.4	05000
	BXK	060		HM	R	FO	2.0	083.6 (096T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BXK	N332712.40	W1124928.50	N3327.207	W11249.475
	CERUN	N332622.98	W1113537.69	N3326.383	W11135.628
	JAGAL	N332625.74	W1114846.39	N3326.429	W11148.773
	OJGIL	N332627.26	W1120823.08	N3326.454	W11208.385
	TODRE	N332624.99	W1114428.27	N3326.417	W11144.471
	YOKXO	N332626.31	W1115250.10	N3326.439	W11152.835
	ZERLO	N333537.39	W1113142.76	N3335.623	W11131.713
	RW26	N332626.96	W1115931.69	N3326.449	W11159.528

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	01135	54

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 1135 TDZE: 1135 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHOENIX, AZ	PHOENIX SKY HARBOR INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 26, ORIG-A	AMDT: ORIG DATED: 03/12/2009

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 | | 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA*	1260	6000	533	1260	6000	533	1260	6000	533	1260	6000	533			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 1C (33F) OR ABOVE 47C (117F). VISIBILITY REDUCTION BY HELICOPTERS NA. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 391 FEET PER NM TO 2700 IF UNABLE SEE RNAV (GPS) Y RWY 8. 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 / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BURBANK, CA	BOB HOPE	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 8, ORIG-A	AMDT ORIG DATE 9/25/2008

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.

TERMINAL ROUTES (CONTINUNED FROM PAGE 1):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WESKI (FAF) (40E) (43F)	RW08 (TF) (FO) (40G) (41Y) (43M)	075.85/6.82	
RW08 (MAP) (40G) (41Y) (43M)	1700 MSL (CA) (RNP 2.00) (42M)	075.85	
1700 MSL (42M)	SILEX (DF) (FO) (RNP 2.00) (40E) (41Y) (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	22 OCT 2009 RNAV (RNP) Z RWY 8, ORIG-A	AMDT. ORIG DATED 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	FIM	FIM	010	IAF	IF		FB				
	FIM	TOAKS	020	SDF	TF		FB	1.0	136.0 (151T)	010.5	04700
	FIM	SILEX	030	IF	TF		FB	1.0	075.7 (091T)	008.3	03700
	LYNXX	LYNXX	010	IAF	IF		FB				
	LYNXX	ZIGIL	020	SDF	TF		FB	1.0	239.9 (255T)	003.2	06000
	LYNXX	CIPAP	030	SDF	RF	L	FB	1.0		012.6	05000
	LYNXX	SILEX	040	IF	RF	L	FB	1.0		013.3	03700
	VTU	VTU	010	IAF	IF		FB				
	VTU	TOAKS	020	SDF	TF		FB	1.0	053.6 (069T)	014.5	04700
	VTU	SILEX	030	IF	TF		FB	1.0	075.7 (091T)	008.3	03700
		SILEX	010	FACF	IF		FB				03700
		WESKI	020	FAF	TF		FB	1.0	075.9 (091T)	005.3	03000
		RW08	030	MAP	TF		FO	0.3	075.9 (091T)	006.8	00787 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA			2.0	075.9 (091T)		01700
	SILEX	050		DF		FO	2.0			04000
	SILEX	060		HM	R	FO	2.0	075.7 (091T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIPAP	N342021.06	W1184726.55	N3420.351	W11847.443
	FIM	N342124.10	W1185252.65	N3421.402	W11852.878
	LYNXX	N343044.77	W1183541.91	N3430.746	W11835.699
	SILEX	N341203.81	W1183641.89	N3412.064	W11836.698
	TOAKS	N341209.92	W1184643.03	N3412.165	W11846.717
	VTU	N340654.20	W1190258.17	N3406.903	W11902.970
	WESKI	N341158.85	W1183022.10	N3411.981	W11830.368
	ZIGIL	N342954.86	W1183924.39	N3429.914	W11839.407
	ZUKPO	N342108.85	W1183631.89	N3421.148	W11836.532
	RW08	N341152.47	W1182208.90	N3411.875	W11822.148

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00727	60

CITY AND STATE	ELEVATION: 778 TDZE: 727 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BURBANK, CA	BOB HOPE	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 8, ORIG-A	AMDT: ORIG DATED: 09/25/2008

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
ELMOO (IAF) (40E) (43A)	PECIN (TF) (FB) (RNP 1.00) (40E) (41E)	088.37/11.67	4700
PECIN (IF) (40E) (43I)	APIPE (TF) (FB) (RNP 0.50) (40E) (43F)	075.83/6.01	2800
APIPE (FAF) (40E) (43F)	RW8L (TF) (FO) (40G) (41Y) (43M)	075.90/5.60	
RW8L (MAP) (40G) (41Y) (43M)	CABUB (TF) (FB) (RNP 2.00) (40E) (42M)	075.97/4.40	
CABUB (40E) (42M)	PDZ VORTAC (TF) (FO) (RNP 2.00) (40V) (41Y)	165.57/8.30	4400

MISSED APPROACH

MAP: DA

CLIMB TO 4400 VIA TRACK 075.97 TO CABUB AND VIA TRACK 165.57 TO PDZ VORTAC AND HOLD, CONTINUE CLIMB IN HOLD TO 4400.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.00 INBOUND
CHART FAS OBST: 1167 ANT 340355N/1173848W
DIST TO THLD FROM 546 HAT: 1.58 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
 # TCH: 989.1 MSL (DO NOT CHART)

1. PT **NA** SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT PECIN**
3. FAC: **075.90** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **PECIN 4700**
5. DIST TO THLD FROM OM: **5.60** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2800** GS ALT AT: **APIPE 2800** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **45.2#** **34:1 IS CLEAR**
8. MSA FROM: **RW8L 11300**

MAG VAR: **14E** EPOCH YEAR: **1990**

MINIMUMS

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

CATEGORY ====>	COPTER			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	**1490**	**2**	**546**	**1490**	**2**	**546**	**1490**	**2**	**546**	**1490**	**2**	**546**			

NOTES: **CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (31F) OR ABOVE 47C (116F).**
INOPERATIVE TABLE DOES NOT APPLY.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELMOO VIA V186 NORTHWEST BOUND.
CHART PLANVIEW NOTE AT ELMOO: (RNP 0.50).

CITY AND STATE	ELEVATION: 944 TDZE: 944	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ONTARIO, CA	AIRPORT NAME: **ONTARIO INTL**	**RNAV**	22 OCT 2009 **RNAV (RNP) Z RWY 8L, ORIG-B**	AMDT: **ORIG-A** DATE **05/07/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ELMOO	ELMOO	010	IAF	IF		FB				
	ELMOO	PECIN	020	IF	TF		FB	1.0	088.4 (102T)	011.7	04700
		PECIN	010	FACF	IF		FB				04700
		APIPE	020	FAF	TF		FB	0.5	075.8 (090T)	006.0	02800
		RW08L	030	MAP	TF		FO	0.3	075.9 (090T)	005.6	00989 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CABUB	040		TF		FB	2.0	076.0 (090T)	004.4	
	PDZ	050		TF		FO	2.0	165.6 (180T)	008.3	04400
	PDZ	060		HM	R	FO	2.0	258.0 (272T)	005.0	04400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APIPE	N340324.34	W1174354.66	N3403.406	W11743.911
	CABUB	N340324.80	W1173152.50	N3403.413	W11731.875
	ELMOO	N340554.60	W1180452.53	N3405.910	W11804.876
	PDZ	N335506.01	W1173147.99	N3355.100	W11731.800
	PECIN	N340323.50	W1175109.02	N3403.392	W11751.150
	RW08L	N340324.76	W1173710.30	N3403.413	W11737.172

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08L	00944	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 944 TDZE: 944 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ONTARIO, CA	ONTARIO INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 8L, ORIG-B	AMDT: ORIG-A
				DATED: 05/07/2009

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
SETER (IAF) (40E) (43A)	CUBON (TF) (FB) (RNP 0.50) (40E)	291.69/10.44	5900
CUBON (40E)	PETIS NDB (TF) (FB) (RNP 0.30) (40N) (41E)	292.67/5.41	4200
ZIGGY (IAF) (40E) (43A)	PETIS NDB (TF) (FB) (RNP 0.30) (40N) (41E)	211.65/5.42	4200
PETIS NDB (IF) (40N) (43I)	BIRTE (TF) (FB) (RNP 0.30) (40E) (43F)	254.94/4.85	2900
BIRTE (FAF) (40E) (43F)	RW26L (TF) (FO) (40G) (41Y) (43M)	256.06/5.94	
RW26L (MAP) (40G) (41Y) (43M)	AXOYO (DF) (FB)(RNP 2.00) (40E) (42M)		
AXOYO (40E) (42M)	LAKVE (TF) (FB) (RNP 2.00) (40E)	171.50/5.14	
LAKVE (40E)	PDZ VORTAC (TF) (FO) (RNP 2.00) (40V) (41Y)	097.63/8.31	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 DIRECT AXOYO AND VIA TRACK 171.50 TO LAKVE AND VIA TRACK 097.63 TO PDZ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.00 INBOUND
CHART FAS OBST: 1025 TL 340348N/1173401W
DIST TO THLD FROM 393 HAT: 1.08 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
 # TCH: 976.2 MSL (DO NOT CHART)

1. PT **NA** SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. **PROFILE STARTS AT PETIS NDB**
3. FAC: **256.06** FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: **PETIS NDB 4200**
5. DIST TO THLD FROM OM: **5.94** MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: **2900** GS ALT AT: **BIRTE 2900** OM: _____ MM: _____ IM: _____
7. GS ANGLE: **3.00** TCH: **50.0#** **34:1 IS CLEAR**
8. MSA FROM: **RW26L 11300**

MAG VAR: **14E** 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	**1319**	**4500**	**393**	**1319**	**4500**	**393**	**1319**	**4500**	**393**	**1319**	**4500**	**393**			

NOTES: **CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 2C (36F) OR ABOVE 47C (116F). FOR INOPERATIVE ALSF INCREASE RNP 0.30 VISIBILITY TO RVR 6000. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIGGY VIA V8-21 NORTHEASTBOUND, AND AT SETER VIA V16-370 EASTBOUND.**
CHART PLANVIEW NOTE AT ZIGGY, PETIS NDB: MAX 210 KIAS.
CHART PLANVIEW NOTE AT SETER AND ZIGGY: (RNP 0.30).

CITY AND STATE	ELEVATION: 944 TDZE: 926 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ONTARIO, CA	**ONTARIO INTL**	**RNAV**	22 OCT 2009 / **RNAV (RNP) Z RWY 26L, ORIG-B**	AMDT: **ORIG-A** / DATE **05/07/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	SETER	SETER	010	IAF	IF		FB				
	SETER	CUBON	020	SDF	TF		FB	0.5	291.7 (306T)	010.4	05900
	SETER	SBD	030	IF	TF		FB	0.3	292.7 (307T)	005.4	04200
	ZIGGY	ZIGGY	010	IAF	IF		FB				
	ZIGGY	SBD	020	IF	TF		FB	0.3	211.7 (226T)	005.4	04200
		SBD	010	FACF	IF		FB				04200
		BIRTE	020	FAF	TF		FB	0.3	254.9 (269T)	004.9	02900
		RW26L	030	MAP	TF		FO	0.3	256.1 (270T)	005.9	00976 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AXOYO	040		DF		FB	2.0			
	LAKVE	050		TF		FB	2.0	171.5 (186T)	005.1	
	PDZ	060		TF		FO	2.0	097.6 (112T)	008.3	04000
	PDZ	070		HM	R	FO	2.0	258.0 (272T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXOYO	N340317.77	W1174029.38	N3403.296	W11740.490
	BIRTE	N340317.74	W1172748.03	N3403.296	W11727.801
	CUBON	N340009.23	W1171644.65	N3400.154	W11716.744
	LAKVE	N335810.44	W1174104.87	N3358.174	W11741.081
	PDZ	N335506.01	W1173147.99	N3355.100	W11731.800
	SBD	N340323.29	W1172158.01	N3403.388	W11721.967
	SETER	N335403.63	W1170632.85	N3354.061	W11706.548
	ZIGGY	N340711.29	W1171717.89	N3407.188	W11717.298
	RW26L	N340317.89	W1173457.19	N3403.298	W11734.953

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26L	00926	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 944 TDZE: 926 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ONTARIO, CA	ONTARIO INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 26L, ORIG-B	AMDT: ORIG-A DATED: 05/07/2009

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
SETER (IAF) (40E) (43A)	CUBON (TF) (FB) (RNP 0.50) (40E)	291.69/10.44	5900
CUBON (40E)	PETIS NDB (TF) (FB) (RNP 0.30) (40N) (41E)	292.67/5.41	4200
ZIGGY (IAF) (40E) (43A)	PETIS NDB (TF) (FB) (RNP 0.30) (40N) (41E)	211.65/5.42	4200
PETIS NDB (IF) (40N) (43I)	CADIN (TF) (FB) (RNP 0.30) (40E) (43F)	256.31/4.89	2900
CADIN (FAF) (40E) (43F)	RW26R (TF) (FO) (40G) (41Y) (43M)	256.05/5.90	
RW26R (MAP) (40G) (41Y) (43M)	EGYAZ (DF) (FB)(RNP 2.00) (40E) (42M)		
EGYAZ (40E) (42M)	LAKVE (TF) (FB) (RNP 2.00) (40E)	171.33/5.25	
LAKVE (40E)	PDZ VORTAC (TF) (FO) (40V) (41Y)	097.63/8.31	4000

MISSED APPROACH

MAP: DA

CLIMB TO 4000 DIRECT EGYAZ AND VIA TRACK 171.33 TO LAKVE AND VIA TRACK 097.63 TO PDZ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 258.00 INBOUND
CHART FAS OBST: 1025 TL 340348N/1173401W
DIST TO THLD FROM 392 HAT: 1.04 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH: 991.7 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT PETIS NDB
3. FAC: 256.05 FAF: _____ DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: PETIS NDB 4200
5. DIST TO THLD FROM OM: 5.90 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: 2900 GS ALT AT: CADIN 2900 OM: _____ MM: _____ IM: _____
7. GS ANGLE: 3.00 TCH: 60.0# 34:1 IS CLEAR
8. MSA FROM: RW26R 11300

MAG VAR: 14E 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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	1324	4500	392	1324	4500	392	1324	4500	392	1324	4500	392			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -1C (28F) OR ABOVE 47C (116F). FOR INOPERATIVE MALSR INCREASE RNP 0.30 VISIBILITY TO RVR 6000. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIGGY VIA V8-21 NORTHEASTBOUND, AND AT SETER VIA V16-370 EASTBOUND. CHART PLANVIEW NOTE AT ZIGGY, PETIS NDB: MAX 210 KIAS. CHART PLANVIEW NOTE AT SETER AND ZIGGY: (RNP 0.30). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 944 TDZE: 932 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ONTARIO, CA	ONTARIO INTL	RNAV	22 OCT 2009 / RNAV (RNP) Z RWY 26R, ORIG-B	AMDT: ORIG-A / DATE 05/07/2009

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
FAITH (IAF)	ROKME (FB)	281.22 / 14.90	4000
BOLDR (IAF)	RAMND (FB)	335.06 / 16.03	4700
RAMND	ROKME (FB)	335.04 / 5.00	4000
ROKME (IF)	DUYET (FB)	280.94 / 6.59	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28L

CLIMB TO 4000 DIRECT JABGO AND VIA TRACK 279.75 TO OLYMM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 280.00 INBOUND.
CHART FAS OBST: 31 AMOM ON BLDG 373635N/1222130W
CHART FAS OBST: 312 T-L TWR 373457N/1221506W
DISTANCE TO THLD FROM 274 HAT: 0.68 NM.
CHART VDP AT 3.24 MILES TO RW28L* *LNAV ONLY.
WAAS CHANNEL # 53415
REFERENCE PATH ID: W28B

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ROKME
3. FAC: 280.87 FAF: DUYET DIST FAF TO MAP: 5.35 THLD: 5.35
4. MIN. ALT: ROKME 4000, DUYET 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: DUYET OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
8. MSA FROM: RW28L 5100

MAG VAR: 17E EPOCH YEAR: 1975

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	287	2400	274	287	2400	274	287	2400	274	287	2400	274			
LNAV/VNAV DA	945	4	932	945	4	932	945	4	932	945	4	932			
LNAV MDA	1120	4000	1107	1120	5000	1107	1120	2 1/2	1107	1120	2 1/2	1107			
CIRCLING	1120	1 1/4	1107	1120	1 1/2	1107	1120	3	1107	1160	3	1147			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS.
CHART NOTE: FOR INOPERATIVE SSALR, INCREASE LPV ALL CATS 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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

@ CAT A, B 1200-2, CAT C, D 1200-3

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) RWY 28L, AMDT 1 22 OCT 2009	AMDT: ORIG-B
				DATED 11/25/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KSFO
RUNWAY	RW28L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28B
LTP/FTP LATITUDE	373642.1500N
LTP/FTP LONGITUDE	1222130.0300W
LTP/FTP ELLIPSOIDAL HEIGHT	-00287
FPAP LATITUDE	373731.0400N
FPAP LONGITUDE	1222326.6000W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D5F8D0F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00039
FPAP ORTHOMETRIC HEIGHT	+00039

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) RWY 28L, AMDT 1	AMDT: ORIG-B
			22 OCT 2009	DATED: 11/25/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOLDR K20    C     N37101519W122043420                          NAR          BOLDR
        SUSAEAENRT   DUYET K20    C     N37341196W122153265                          NAR          DUYET
        SUSAEAENRT   FAITH K20    C     N37240438W121514284                          NAR          FAITH
        SUSAEAENRT   JABGO K20    W     N37400972W122294561                          NAR          JABGO
        SUSAEAENRT   OLYMM K20    C     N37435805W122391683                          NAR          OLYMM
        SUSAEAENRT   RAMND K20    W     N37260920W122072103                          NAR          RAMND
        SUSAEAENRT   ROKME K20    C     N37310666W122081326                          NAR          ROKME

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFOK2ASFO      0     118YHN37370830W122222960E017000013         1800018000C    MNAR    SAN FRANCISCO INTERNATIONAL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFOK2FR28L  ABOLDR 010BOLDRK2EA0E  A    IF                                                18000                A JS
        SUSAP KSFOK2FR28L  ABOLDR 020RAMNDK2EA0E    010TF                    33510160    + 04700                                A JS
        SUSAP KSFOK2FR28L  ABOLDR 030ROKMEK2EA0EE   010TF                    33500050    + 04000                                A JS
        SUSAP KSFOK2FR28L  AFAITH 010FAITHK2EA0E  A    IF                                                18000                A JS
        SUSAP KSFOK2FR28L  AFAITH 020ROKMEK2EA0EE   010TF                    28120149    + 04000                                A JS
        SUSAP KSFOK2FR28L  R      010ROKMEK2EA0E  I    IF                                + 04000      18000                A JS
        SUSAP KSFOK2FR28L  R      020DUYETK2EA1E  F 051TF                    28090066    + 01800                 RW28L K2PGA JS
        SUSAP KSFOK2FR28L  R      020DUYETK2EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KSFOK2FR28L  R      030RW28LK2PG0GY M 031TF                    28090054      00070           -300                 A JS
        SUSAP KSFOK2FR28L  R      040JABGOK2EA0E M  010DF                                                                       A JS
        SUSAP KSFOK2FR28L  R      0500LYMMK2EA0EY   010TF                    2798        + 04000                                A JS
        SUSAP KSFOK2FR28L  R      0600LYMMK2EA0EE  R020HM                    28000040    + 04000                                A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFOK2GRW28L   0106022808 N37364215W122213003-0100    -0028700013000057200I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) RWY 28L, AMDT 1 22 OCT 2009	AMDT: ORIG-B
				DATED: 11/25/2004

Bearings, headings, courses, and radials are magnetic. Elevations 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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KSFOK2PR28L  RW28L001 0000W28B0N3736421500W12221300300-002870300N3737310400W122232660001067500000005 70F400500D5F8D0F4
    SUSAP KSFOK2PR28L  RW28L002E      +00039+00039LPV       53415

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KSFOK2SRW28LK2PG              0   18018005125                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) RWY 28L, AMDT 1 22 OCT 2009	AMDT: ORIG-B
				DATED: 11/25/2004

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BOLDR	BOLDR	010	IAF	IF		FB				
	BOLDR	RAMND	020		TF		FB	1.0	335.1(352T)	016.0	04700
	BOLDR	ROKME	030		TF		FB	1.0	335.0(352T)	005.0	04000
	FAITH	FAITH	010	IAF	IF		FB				
	FAITH	ROKME	020		TF		FB	1.0	281.2(298T)	014.9	04000
		ROKME	010	FACF	IF		FB				04000
		DUYET	020	FAF	TF		FB	0.5	280.9(298T)	006.6	01800
		RW28L	030	MAP	TF		FO	0.3	280.9(298T)	005.4	00070

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JABGO	040		DF		FB	1.0			
	OLYMM	050		TF		FO	1.0	279.8(297T)		04000
	OLYMM	060		HM	R	FO	2.0	280.0(297T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOLDR	N371015.19	W1220434.20	N3710.253	W12204.570
	DUYET	N373411.96	W1221532.65	N3734.199	W12215.544
	FAITH	N372404.38	W1215142.84	N3724.073	W12151.714
	JABGO	N374009.72	W1222945.61	N3740.162	W12229.760
	OLYMM	N374358.05	W1223916.83	N3743.968	W12239.281
	RAMND	N372609.20	W1220721.03	N3726.153	W12207.351
	ROKME	N373106.66	W1220813.26	N3731.111	W12208.221
	RW28L	N373642.15	W1222130.03	N3736.703	W12221.501

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	00013	57

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN FRANCISCO, CA	ELEVATION: 13 TDZE: 13 AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) RWY 28L, AMDT 1 22 OCT 2009	SUP: AMDT: ORIG-B 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
UPEND (IAF)	BERKS (FB)	190.98 / 11.61	5000
REBAS (IAF)	BERKS (FB)	103.31 / 9.47	5000
BERKS (IF)	SHAKE (FB)	190.91 / 6.98	2900
SHAKE (FAF)	RW19L (FO)	190.86 / 8.82	
RW19L (MAP)	261 MSL (CA)	190.86	
261 MSL	AXOME (FB)		
AXOME	DUMBA (F0)	083.14 / 15.63	4000

MISSED APPROACH

LPV: DA

CLIMB TO 4000 DIRECT AXOME AND LEFT TURN VIA TRACK 083.14 TO DUMBA AND HOLD, CONTINUE CLIMB-IN-HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 280.98 INBOUND.
DISTANCE TO THLD FROM 250 HAT: 0.61 NM.
WAAS CHANNEL # 58015
REFERENCE PATH ID: W19A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BERKS
3. FAC: 190.86 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: BERKS 5000, SHAKE 2900
5. DIST TO THLD FROM OM: 8.82 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2900 GS ALT AT: SHAKE 2900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 2.95 TCH: 59.8 34:1 IS NOT CLEAR
8. MSA FROM: RW19L 5100

MAG VAR: 17E EPOCH YEAR: 1975

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 *	261	4000	250	261	4000	250	261	4000	250	261	4000	250			
LPV DA	1173	5	1162	1173	5	1162	1173	5	1162	1173	5	1162			

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: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 400 FEET PER NM TO 2900.

@ CAT A, B, C, D 1200-5

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 11 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) Z RWY 19L, AMDT 1 22 OCT 2009	AMDT: ORIG-B DATED 11/25/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KSFO
RUNWAY	RW19L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	373740.1700N
LTP/FTP LONGITUDE	1222200.4300W
LTP/FTP ELLIPSOIDAL HEIGHT	-00296
FPAP LATITUDE	373624.5400N
FPAP LONGITUDE	1222250.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00059.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	02.95
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	51711469

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00030
FPAP ORTHOMETRIC HEIGHT	+00030

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AXOME K20    W     N37325947W122250630                          NAR          AXOME
          SUSAEAENRT   BERKS K20    C   L N37513910W122124204                          NAR          BERKS
          SUSAEAENRT   DUMBA K20    C     N37301266W122054613                          NAR          DUMBA
          SUSAEAENRT   REBAS K20    C   L N37562646W122230120                          NAR          REBAS
          SUSAEAENRT   SHAKE K20    C     N37452854W122164916                          NAR          SHAKE
          SUSAEAENRT   UPEND K20    C     N38015514W122054944                          NAR          UPEND

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSFOK2ASFO     0     118YHN37370830W122222960E017000013        1800018000C    MNAR    SAN FRANCISCO INTERNATIONAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSFOK2FR19LZ AREBAS 010REBASK2EA0E  A    IF                                        18000                A JS
          SUSAP KSFOK2FR19LZ AREBAS 020BERKSK2EA0EE   010TF                    10330095    + 05000                      A JS
          SUSAP KSFOK2FR19LZ AUPEND 010UPENDK2EA0E  A    IF                                        18000                A JS
          SUSAP KSFOK2FR19LZ AUPEND 020BERKSK2EA0EE   010TF                    19100116    + 05000                      A JS
          SUSAP KSFOK2FR19LZ R      010BERKSK2EA0E  I    IF                                + 05000     18000            A JS
          SUSAP KSFOK2FR19LZ R      020SHAKEK2EA1E  F 051TF                    19090070    + 02900                RW19L K2PGA JS
          SUSAP KSFOK2FR19LZ R      020SHAKEK2EA2WALPV       N          N                                                JS
          SUSAP KSFOK2FR19LZ R      030RW19LK2PG0GY M 031TF                    19090088      00070          -295          A JS
          SUSAP KSFOK2FR19LZ R      040AXOMEK2EA0E M  010DF                                                            A JS
          SUSAP KSFOK2FR19LZ R      050DUMBAK2EA0EY  L010TFY                   0831        + 04000                      A JS
          SUSAP KSFOK2FR19LZ R      060DUMBAK2EA0EE  L020HM                    28100040    + 04000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSFOK2GRW19L   0086481908 N37374017W122220043+0000     ~0029600010000060200I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSFOK2PR19LZ RW19L001Z0000W19A0N3737401700W12222004300~002960295N3736245400W12222505700106750000000598F40050051711469
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) Z RWY 19L, AMDT 1 22 OCT 2009	AMDT: ORIG-B
				DATED: 11/25/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KSFOK2PR19LZ RW19L002E      +00030+00030LPV       58015

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFOK2SRW19LK2PG                0   18018005125                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN FRANCISCO, CA	AIRPORT NAME: SAN FRANCISCO INTERNATIONAL	RNAV	RNAV (GPS) Z RWY 19L, AMDT 1 22 OCT 2009	AMDT: ORIG-B DATED: 11/25/2004

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	REBAS	REBAS	010	IAF	IF		FB				
	REBAS	BERKS	020		TF		FB	1.0	103.3(120T)	009.5	05000
	UPEND	UPEND	010	IAF	IF		FB				
	UPEND	BERKS	020		TF		FB	1.0	191.0(208T)	011.6	05000
		BERKS	010	FACF	IF		FB				05000
		SHAKE	020	FAF	TF		FB	0.5	190.9(208T)	007.0	02900
		RW19L	030	MAP	TF		FO	0.3	190.9(208T)	008.8	00070

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AXOME	040		DF		FB	1.0			
	DUMBA	050		TF	L	FO	1.0	083.1(100T)		04000
	DUMBA	060		HM	L	FO	2.0	281.0(298T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXOME	N373259.47	W1222506.30	N3732.991	W12225.105
	BERKS	N375139.10	W1221242.04	N3751.652	W12212.701
	DUMBA	N373012.66	W1220546.13	N3730.211	W12205.769
	REBAS	N375626.46	W1222301.20	N3756.441	W12223.020
	SHAKE	N374528.54	W1221649.16	N3745.476	W12216.819
	UPEND	N380155.14	W1220549.44	N3801.919	W12205.824
	RW19L	N373740.17	W1222200.43	N3737.670	W12222.007

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19L	00010	60

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN FRANCISCO, CA	**ELEVATION: 13 TDZE: 11** AIRPORT NAME: **SAN FRANCISCO INTERNATIONAL**	**RNAV**	**RNAV (GPS) Z RWY 19L, AMDT 1** 22 OCT 2009	SUP: AMDT: **ORIG-B** DATED: **11/25/2004**

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 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
STS VOR/DME	LUSEE INT/STS 12.15 DME	140.70 / 12.15	3600
PYE VORTAC (IAF)	LUSEE INT/STS 12.15 DME (NOPT)	010.37 / 16.35	3000
SGD VORTAC (IAF)	DACER INT/SGD 15.51 DME (NOPT)	281.41 / 15.51	3700
DACER INT/SGD 15.51 DME	LUSEE INT/STS 12.15 DME	281.41 / 2.50 (SGD R-281)	3000
SAU VORTAC (IAF)	BURDE INT/SAU 15.35 DME (NOPT)	330.47 / 15.35	4000
BURDE INT/SAU 15.35 DME	LUSEE INT/STS 12.15 DME	321.05 / 14.08 (I-STS)	3000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 4.55 MILES AFTER MONES OM/STS 5.76 DME OR AT EYXUZ/STS 1.21 DME FIX

CLIMB TO 1020 THEN CLIMBING LEFT TURN TO 6000 VIA ENI VORTAC R-131 TO CABEX/ENI 18.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000; OR WHEN DIRECTED BY ATC, CLIMB TO 1550 VIA HEADING 314 THEN CLIMBING RIGHT TURN TO 4700 DIRECT SGD VORTAC AND HOLD N, LT, 167.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 311.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD N SGD VORTAC, LT, 167.00 INBOUND.
CHART FAS OBST: 262 TREE 382859N/1224751W
CHART: STS 26.23 DME AT BURDE
CHART: SANTA ROSA AIR CENTER (ABANDONED)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE LUSEE, LT, 321.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 321.05 FAF: MONES OM/STS 5.76 DME DIST FAF TO MAP: 4.55 THLD: 5.35
4. MIN. ALT: LUSEE 3000, EDOVE 2700, MONES OM 1900
5. DIST TO THLD FROM OM: 5.35 MM: 0.48 IM: - 150 HAT: - 100 HAT: - GS ANT: 993
6. MIN GS INCPT: 2000 GS ALT AT: GS INTCP OM: 1903 MM: 325 IM: -
7. GS ANGLE: 3.00 TCH: 52.8
8. MSA FROM: STS VOR/DME 120-280 3900, 280-120 6000

MAG VAR: 16E EPOCH YEAR: 1985

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	*322	2400	200	*322	2400	200	*322	2400	200	*322	2400	200			
S-LOC 32	540	2400	418	540	2400	418	540	4000	418	540	4000	418			
CIRCLING	620	1	492	680	1	552	740	1 3/4	612	740	2	612			

NOTES:
CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PYE VORTAC ON V25-27 SOUTHEAST BOUND.
CHART NOTE: *RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CAT C, D 700-2
@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 128 TDZE: 122	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SANTA ROSA, CA	AIRPORT NAME: CHARLES M. SCHULZ-SONOMA COUNTY	I-STS	ILS OR LOC RWY 32, AMDT 18 22 OCT 2009	AMDT: 17 DATED 01/15/2009

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
LUSEE INT/STS 12.15 DME (IF/IAF)	EDOVE INT/STS 9.80 DME	321.05 / 2.35 (I-STS)	2700
EDOVE INT/STS 9.80 DME	MONES OM/STS 5.76 DME	321.05 / 4.04 (I-STS)	1900

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SANTA ROSA, CA	ELEVATION: 128 TDZE: 122 AIRPORT NAME: CHARLES M. SCHULZ-SONOMA COUNTY	I-STS	ILS OR LOC RWY 32, AMDT 18 22 OCT 2009	SUP: AMDT: 17 DATED: 01/15/2009

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
GETER (IAF)	HOPLA (FB)	313.02 / 15.38	5000
HOPLA (IF)	ILABE (FB)	331.35 / 3.00	4500
ILABE	AJXOX (FB)	331.35 / 3.00	4000

MISSED APPROACH

LNAV: RW33

CLIMB TO 6700 DIRECT AKGIC AND VIA TRACK 288.76 TO MERRI AND HOLD, CONTINUE CLIMB IN HOLD TO 6700.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 138.11 INBOUND.
CHART FAS OBST: 1919 TREE 390416N/1231209W
2839 AAO 390128N/1231206W
CHART: MAXWELL 3 MOA
GOXTU TO RW33: 7.49/40

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOPLA
3. FAC: 331.34 FAF: AJXOX DIST FAF TO MAP: 6.00 THLD:
4. MIN. ALT: HOPLA 5000, ILABE 4500, AJXOX 4000, GOXTU/2.70 NM TO RW33 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: ____
8. MSA FROM: RW33 8300

MAG VAR: 17E 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
CIRCLING	2540	1 1/4	1926	2540	1 1/2	1926	2540	3	1926	2540	3	1926			

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 15/33.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GETER VIA V25 SOUTH BOUND, AND VIA V27-494 SOUTHEAST BOUND.

@ CAT A, B 2000-2, CAT C, D 2000-3

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 614 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
UKIAH, CA	AIRPORT NAME: UKIAH MUNI	RNAV	RNAV (GPS)-B, ORIG 22 OCT 2009	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 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AJXOX K20    W     N39011920W123102389                          NAR          AJXOX
        SUSAEAENRT   AKGIC K20    W     N39110735W123125976                          NAR          AKGIC
        SUSAEAENRT   GETER K20    C   L N38420663W122585982                          NAR          GETER
        SUSAEAENRT   GOXTU K20    W     N39043329W123111530                          NAR          GOXTU
        SUSAEAENRT   HOPLA K20    W     N38552629W123085064                          NAR          HOPLA
        SUSAEAENRT   ILABE K20    W     N38582274W123093723                          NAR          ILABE
        SUSAEAENRT   MERRI K20    C   L N39174727W123245541                          NAR          MERRI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KUKIK2AUKI     0     044YHN39073345W123120308E017000614         1800018000C    MNAR    UKIAH MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KUKIK2FRNV-B AGETER 010GETERK2EA0E  A    IF                                                18000                B JC
        SUSAP KUKIK2FRNV-B AGETER 020HOPLAK2EA0EE   010TF                        31300154    + 05000                          B JC
        SUSAP KUKIK2FRNV-B R      010HOPLAK2EA0E  I    IF                                  + 05000     18000                B JC
        SUSAP KUKIK2FRNV-B R      011ILABEK2EA0E S  051TF                        33140030    + 04500                          B JC
        SUSAP KUKIK2FRNV-B R      020AJXOXK2EA0E  F 051TF                        33140030    + 04000                RW33  K2PGB JC
        SUSAP KUKIK2FRNV-B R      021GOXTUK2EA0E S  031TF                        33130033    V 0280002805         000             B JC
        SUSAP KUKIK2FRNV-B R      030RW33 K2PG0GY M 031TF                        33130027      02540              000             B JC
        SUSAP KUKIK2FRNV-B R      040AKGICK2EA0E M  010DF                                                                        B JC
        SUSAP KUKIK2FRNV-B R      050MERRIK2EA0EY   010TF                        2888        + 06700                          B JC
        SUSAP KUKIK2FRNV-B R      060MERRIK2EA0EE  R020HM                        13810070    + 06700                          B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KUKIK2GRW33    0044153313 N39071208W123115741+0300    +01544006020000050150D
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 614 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
UKIAH, CA	AIRPORT NAME: UKIAH MUNI	RNAV	RNAV (GPS)-B, ORIG 22 OCT 2009	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 KUKIK2SRW33 K2PG              0   18018008325                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 614 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
UKIAH, CA	AIRPORT NAME: UKIAH MUNI	RNAV	RNAV (GPS)-B, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GETER	GETER	010	IAF	IF		FB				
	GETER	HOPLA	020		TF		FB	1.0	313.0(330T)	015.4	05000
		HOPLA	010	FACF	IF		FB				05000
		ILABE	011	SDF	TF		FB	0.5	331.4(348T)	003.0	04500
		AJXOX	020	FAF	TF		FB	0.5	331.4(348T)	003.0	04000
		GOXTU	021	SDF	TF		FB	0.3	331.3(348T)	003.3	0280002805
		RW33	030	MAP	TF		FO	0.3	331.3(348T)	002.7	02540

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AKGIC	040		DF		FB	1.0			
	MERRI	050		TF		FO	1.0	288.8(306T)		06700
	MERRI	060		HM	R	FO	2.0	138.1(155T)	007.0	06700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AJXOX	N390119.20	W1231023.89	N3901.320	W12310.398
	AKGIC	N391107.35	W1231259.76	N3911.123	W12312.996
	GETER	N384206.63	W1225859.82	N3842.111	W12258.997
	GOXTU	N390433.29	W1231115.30	N3904.555	W12311.255
	HOPLA	N385526.29	W1230850.64	N3855.438	W12308.844
	ILABE	N385822.74	W1230937.23	N3858.379	W12309.621
	MERRI	N391747.27	W1232455.41	N3917.788	W12324.924
	RW33	N390712.08	W1231157.41	N3907.201	W12311.957

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
UKIAH, CA	**ELEVATION: 614 TDZE:** AIRPORT NAME: **UKIAH MUNI**	**RNAV**	**RNAV (GPS)-B, ORIG** 22 OCT 2009	SUP: 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

MISSED APPROACH

MAP: 5.31 MILES AFTER ENI VORTAC OR AT MARGL/ENI 5.31 DME FIX

CLIMBING LEFT TURN TO 6000 DIRECT ENI VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 022.14 INBOUND.
CHART FAS OBST: 2627 OL ON APBN 390704N/1231407W
3199 AAO 390315N-1231639W
FAC CROSSES MID POINT OF RWY 15-33

1. PT L SIDE OF COURSE **202.14** OUTBOUND **5000** FT WITHIN **10** MILES OF **ENI VORTAC** (IAF)
2.
3. FAC **022.14** FAF **ENI VORTAC** DIST FAF TO MAP **5.31** THLD
4. MIN. ALT **ENI VORTAC 5000**
8. MSA FROM: **ENI VORTAC 070-160 5900, 160-340 4700, 340-070 7400**

MAG VAR: **16E** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: | | STANDARD | X | 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
CIRCLING	**3400**	**1 1/4**	**2786**	**3400**	**1 1/2**	**2786**	**3400**	**3**	**2786**	**3400**	**3**	**2786**			

NOTES:

CHART NOTE: CIRCLING NA W OF RWY 15-33.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ENI VORTAC VIA V494 SOUTHEAST BOUND.

@ CAT A, B 2800-2, CAT C, D 2800-3

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 614 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP / AMDT / DATE
UKIAH, CA	**UKIAH MUNI**	**ENI**	**VOR-A, AMDT 4** 22 OCT 2009	SUP **VOR OR GPS-A** / AMDT **3A** / DATE **09/25/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME RNAV 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 22 OCT 2009

QUALITY CHECKED

CITY AND STATE	ELEVATION: 614 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
UKIAH, CA	AIRPORT NAME: **UKIAH MUNI**	**ENI**	**VOR/DME RNAV OR GPS-B, AMDT 4A, 09/25/2009**	AMDT **4**
				DATE **10/04/1990**

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 08L, 08R, 17, 26L, 26R: STANDARD.
RWY 35, 300-1 3/4 OR STANDARD WITH A MINIMUM CLIMB OF 254 FEET PER NM TO 5200 FEET.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 08L, CLIMB HEADING 077.27 TO 5500, THEN CLIMBING LEFT TURN VIA HEADING 210 AND PUB R-040 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RIGHT TURNS, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 08R, CLIMB HEADING 077.26 TO 5400, THEN CLIMBING LEFT TURN VIA HEADING 210 AND PUB R-040 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RIGHT TURNS, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 17, CLIMB HEADING 167.32 TO 5800, THEN CLIMBING LEFT TURN VIA HEADING 050 AND PUB R-180 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RIGHT TURNS, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 26L, CLIMB HEADING 257.26 TO 5700, THEN CLIMBING LEFT TURN VIA HEADING 070 AND PUB R-220 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RIGHT TURNS, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 26R, CLIMB HEADING 257.29 TO 5700, THEN CLIMBING LEFT TURN VIA HEADING 070 AND PUB R-220 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RIGHT TURNS, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.
RWY 35, CLIMB HEADING 347.32 TO 5200, THEN CLIMBING RIGHT TURN VIA HEADING 150 AND PUB R-360 TO PUB VORTAC, CONTINUE CLIMB IN PUB VORTAC HOLDING PATTERN (HOLD NE, RT, 244.22 INBOUND) TO CROSS PUB VORTAC AT OR ABOVE MEA FOR ROUTE OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 08L, RISING TERRAIN 57' FROM DER, 123' LEFT OF CENTERLINE, UP TO 4649' MSL.
NOTE: RWY 08R, RISING TERRAIN 180' FROM DER, 58' LEFT OF CENTERLINE, UP TO 4659' MSL.
NOTE: RWY 26L, RISING TERRAIN 110' FROM DER, 182' RIGHT OF CENTERLINE, UP TO 4659' MSL, RISING TERRAIN 128' FROM DER, 122' LEFT OF CENTERLINE, UP TO 4659' MSL.
NOTE: RWY 26R, RISING TERRAIN 208' FROM DER, 446' RIGHT OF CENTERLINE, UP TO 4679' MSL.
NOTE: RWY 35, RISING TERRAIN 2' FROM DER, 7' LEFT OF CENTERLINE, UP TO 4749' MSL, RISING TERRAIN 196' FROM DER, 11' RIGHT OF

(4) CONTROLLING OBSTACLES:

RWY 35, (ICA): 4959 MSL TERRAIN 381925.92N/1042947.70W, 4993 MSL TERRAIN 381946.62N/1043001.92W
HOLDING: 6303 MSL TOWER 382224.00N-1043329.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PUEBLO, CO	PUEBLO MEMORIAL	22 OCT 2009	4

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: (CONTINUED)

CENTERLINE, UP TO 4793' MSL, TRANSMISSION POLES 1.1 NM FROM DER, 703' RIGHT OF CENTERLINE, 46' AGL/4925' MSL, RADAR REFLECTOR 996' FROM DER, ON CENTERLINE, 4' AGL/4757' MSL.

City, State	Airport	Effective Date	Amdt. No.
PUEBLO, CO	PUEBLO MEMORIAL	22 OCT 2009	4

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

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 9R, 9L, 13, 27R, 27L, 31 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 9R - CLIMB HEADING 093.31 TO 900 BEFORE TURNING RIGHT.
RWY 9L - CLIMB HEADING 093.31 TO 800 BEFORE TURNING RIGHT.
RWY 13 - CLIMB HEADING 133.34 TO 1400 BEFORE TURNING RIGHT.
RWY 27R - CLIMB HEADING 273.32 TO 1300 BEFORE TURNING LEFT.
RWY 27L - CLIMB HEADING 273.32 TO 1400 BEFORE TURNING LEFT.
RWY 31 - CLIMB HEADING 313.35 TO 900 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9R, SIGNS BEGINNING 35' FROM DER, 182' LEFT OF CENTERLINE, UP TO 3' AGL/11' MSL. TREES BEGINNING 1296' FROM DER, 516' LEFT OF CENTERLINE, UP TO 100' AGL/119' MSL. TREE 2712' FROM DER, 1185' RIGHT OF CENTERLINE, 100' AGL/119' MSL. NOTE: RWY 9L, TREES BEGINNING 1731' FROM DER, 717' LEFT OF CENTERLINE, UP TO 100' AGL/119' MSL. TREE 3013' FROM DER, 687' RIGHT OF CENTERLINE, 100' AGL/119' MSL. NOTE: RWY 13, TREE 1100' FROM DER, 764' RIGHT OF CENTERLINE, 100' AGL/119' MSL. POLE 1249' FROM DER, 588' RIGHT OF CENTERLINE, 56' AGL/70' MSL. NOTE: RWY 27R, TREES BEGINNING 149' FROM DER, 352' RIGHT OF CENTERLINE, UP TO 100' AGL/119' MSL. OL ON TOWER 372' FROM DER, 458' RIGHT OF CENTERLINE, 54' AGL/64' MSL. OL ANT 385' FROM DER, 450' RIGHT OF CENTERLINE,

(4) CONTROLLING OBSTACLES:

RWY 9R, 9L, 13, 27R, 27L, 31: 1849 MSL TOWER, 253225.39N-0802806.20W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
MIAMI, FL	**KENDALL-TAMIAMI EXECUTIVE**	22 OCT 2009	**AMDT 8**

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.

TAKEOFF OBSTACLE NOTES: (CONTD)

49' AGL/59' MSL. NOTE: RWY 27L, TRANSMISSION TOWERS BEGINNING 1858' FROM DER, 910' LEFT OF CENTERLINE, UP TO 72' AGL/82' MSL. TREE 2106' FROM DER, 998' RIGHT OF CENTERLINE, 100' AGL/119' MSL. NOTE: RWY 31, TREES BEGINNING 163' FROM DER, 410' LEFT OF CENTERLINE, UP TO 100' AGL/119' MSL. TREE 3583' FROM DER, 360' RIGHT OF CENTERLINE, 100' AGL/ 119 MSL.

City, State	Airport	Effective Date	Amdt. No.
MIAMI, FL	**KENDALL-TAMIAMI EXECUTIVE**	22 OCT 2009	**AMDT 8**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

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 12, 17, 27, 30, 35 STANDARD.
RWY 9, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 207 FT PER NM TO 300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1,300 FT PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 558' FROM DER, 39' RIGHT OF CENTERLINE, UP TO 100' AGL/105' MSL. TREES BEGINNING 625' FROM DER, 7' LEFT OF CENTERLINE, UP TO 100' AGL/137' MSL. TOWER 1.1 NM FROM DER, 1,398' RIGHT OF CENTERLINE, 164' AGL/199' MSL.
NOTE: RWY 12, TREES BEGINNING AT DER, 285' RIGHT OF CENTERLINE, UP TO 100' AGL/131' MSL. TREES BEGINNING 1,337' FROM DER, 211' LEFT OF CENTERLINE, UP TO 64' AGL/93' MSL.
NOTE: RWY 17, TREES BEGINNING 237' FROM DER, 110' RIGHT OF CENTERLINE, UP TO 100' AGL/164' MSL. TREES BEGINNING 796' FROM DER, 478' LEFT OF CENTERLINE, UP TO 100' AGL/169' MSL. **(CONTINUED ON PAGE 2)**

(4) CONTROLLING OBSTACLES:

RWY 9: 199 MSL TOWER 293920.10N/0813938.20W

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PALATKA, FL	PALATKA MUNI-LT KAY LARKIN FIELD	22 OCT 2009	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):

NOTE: RWY 27, TREES BEGINNING 15' FROM DER, 56' LEFT OF CENTERLINE, UP TO 78' AGL/112' MSL. TREES BEGINNING 49' FROM DER, 269' RIGHT OF CENTERLINE, UP TO 72' AGL/101' MSL.

NOTE: RWY 30, TREES BEGINNING 401' FROM DER, 554' RIGHT OF CENTERLINE, UP TO 100' AGL/129' MSL. BUILDINGS BEGINNING 1,315' FROM DER, 408' RIGHT OF CENTERLINE, UP TO 75' AGL, 104' MSL. TREES BEGINNING 1,387' FROM DER, 41' LEFT OF CENTERLINE, UP TO 100' AGL/129' MSL.

NOTE: RWY 35, BUILDINGS BEGINNING 504' FROM DER, 403' RIGHT OF CENTERLINE, UP TO 75' AGL/104' MSL. TREES BEGINNING 788' FROM DER, 222' LEFT OF CENTERLINE, UP TO 100' AGL/129' MSL. TREES BEGINNING 1,387' FROM DER, 81' RIGHT OF CENTERLINE, UP TO 100' AGL/119' MSL. BUILDINGS BEGINNING 1,454' FROM DER, 850' LEFT OF CENTERLINE, UP TO 75' AGL/104' MSL.

QUALITY CHECKED

City, State	Airport	Effective Date	Amdt. No.
PALATKA, FL	**PALATKA MUNI-LT KAY LARKIN FIELD**	22 OCT 2009	**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
SSI VORTAC	GRZLY (FB)	291.68 / 10.08	1700
STARY	GRZLY (FB)	260.74 / 25.81	1700
BROUN	EKIWO (FB)	242.36 / 23.55	1700
EKIWO (IAF)	DOMPI (FB)	159.23 / 5.00	1700
GRZLY (IAF)	DOMPI (FB)	339.27 / 5.00	1700
DOMPI (IF)	YOKHO (FB)	069.25 / 6.02	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

CLIMB TO 3000 DIRECT WORGO AND VIA TRACK 016.39 TO BROUN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 196.45 INBOUND.
CHART FAS OBST: 92 TREE 311519N/0812859W
CHART FAS OBST: 234 TOWER 311430N/0813230W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 1.33 MILES TO RW07* *LNAV ONLY.
WAAS CHANNEL # 56501
REFERENCE PATH ID: W07A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DOMPI
3. FAC: 069.30 FAF: YOKHO DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: DOMPI 1700, YOKHO 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: YOKHO 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.7 34:1 IS CLEAR
8. MSA FROM: RW07 2500

MAG VAR: 4W 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	226	1/2	200	226	1/2	200	226	1/2	200	226	1/2	200			
LNAV/VNAV DA	384	3/4	358	384	3/4	358	384	3/4	358	384	3/4	358			
LNAV MDA	500	1/2	474	500	1/2	474	500	3/4	474	500	1	474			
CIRCLING	540	1	514	540	1	514	540	1 1/2	514	580	2	554			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STARY VIA V1 NORTHEAST BOUND.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING MALCOLM MCKINNON ALTIMETER SETTING.
SEE 8260-10

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 7, AMDT 1 22 OCT 2009	AMDT: ORIG DATED 08/03/2006

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.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MALCOLM MCKINNON ALTIMETER SETTING AND INCREASE ALL DA 19 FEET AND ALL MDA 20 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SSI VORTAC AIRWAY RADIALS 302 CW 326 AND ARRIVALS VIA T204 NORTHEAST BOUND.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BRUNSWICK, GA	**ELEVATION: 26 TDZE: 26** AIRPORT NAME: **BRUNSWICK GOLDEN ISLES**	**RNAV**	**RNAV (GPS) RWY 7, AMDT 1** 22 OCT 2009	SUP: AMDT: **ORIG** DATED: **08/03/2006**

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	KBQK
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	311516.0200N
LTP/FTP LONGITUDE	0812840.6200W
LTP/FTP ELLIPSOIDAL HEIGHT	-00236
FPAP LATITUDE	311549.0400N
FPAP LONGITUDE	0812716.8400W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	75F61036

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00059
FPAP ORTHOMETRIC HEIGHT	+00059

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 7, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 08/03/2006

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 PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SSI   K7010980VTL  N31030184W081264545    N31030184W081264545W0040000101     NARBRUNSWICK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BROUN K70    C   L N31273631W081192594                                  NAR           BROUN
        SUSAEAENRT   DOMPI K70    W     N31103850W081402266                                  NAR           DOMPI
        SUSAEAENRT   EKIWO K70    W     N31151153W081424918                                  NAR           EKIWO
        SUSAEAENRT   GRZLY K70    W     N31060542W081375637                                  NAR           GRZLY
        SUSAEAENRT   STARY K70    C   L N31120470W081084048                                  NAR           STARY
        SUSAEAENRT   WORGO K70    W     N31175576W081215478                                  NAR           WORGO
        SUSAEAENRT   YOKHO K70    C     N31130985W081340027                                  NAR           YOKHO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7ABQK     0     080YHN31153171W081275939W004000026         1800018000C    MNAR    BRUNSWICK GOLDEN ISLES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7FR07   ABROUN 010BROUNK7EA0E       IF                                                18000                A JS
        SUSAP KBQKK7FR07   ABROUN 020EKIWOK7EA0E  A 020TF                      24240236    + 01700                              A JS
        SUSAP KBQKK7FR07   ABROUN 030DOMPIK7EA0EE   010TF                      15920050    + 01700                              A JS
        SUSAP KBQKK7FR07   ASSI   010SSI  K7D 0V       IF                                                18000                A JS
        SUSAP KBQKK7FR07   ASSI   020GRZLYK7EA0E  A 020TF                      29170101    + 01700                              A JS
        SUSAP KBQKK7FR07   ASSI   030DOMPIK7EA0EE   010TF                      33930050    + 01700                              A JS
        SUSAP KBQKK7FR07   ASTARY 010STARYK7EA0E       IF                                                18000                A JS
        SUSAP KBQKK7FR07   ASTARY 020GRZLYK7EA0E  A 020TF                      26070258    + 01700                              A JS
        SUSAP KBQKK7FR07   ASTARY 030DOMPIK7EA0EE   010TF                      33930050    + 01700                              A JS
        SUSAP KBQKK7FR07   R      010DOMPIK7EA0E  I    IF                                    + 01700     18000                A JS
        SUSAP KBQKK7FR07   R      020YOKHOK7EA1E  F 051TF                      06930060    + 01700                  RW07  K7PGA JS
        SUSAP KBQKK7FR07   R      020YOKHOK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KBQKK7FR07   R      030RW07 K7PG0GY M 031TF                      06930050      00077             -300           A JS
        SUSAP KBQKK7FR07   R      040WORGOK7EA0E M  010DF                                                                     A JS
        SUSAP KBQKK7FR07   R      050BROUNK7EA0EY   010TF                      0164        + 03000                              A JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 7, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 08/03/2006

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        SUSAP KBQKK7FR07   R      060BROUNK7EA0EE  R020HM                  19650040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7GRW07    0080010694 N31151602W081284062+0000    -00236000190000058150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7PR07   RW07 001 0000W07A0N3115160200W08128406200-002360300N3115490400W08127168400106750000000577F40035075F61036
        SUSAP KBQKK7PR07   RW07 002E      +00059+00059LPV       56501

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7SRW07 K7PG               0   18018002525                                                                M
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QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	**ELEVATION: 26 TDZE: 26** AIRPORT NAME: **BRUNSWICK GOLDEN ISLES**	**RNAV**	**RNAV (GPS) RWY 7, AMDT 1** 22 OCT 2009	AMDT: **ORIG** DATED: **08/03/2006**

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BROUN	BROUN	010		IF		FB				
	BROUN	EKIWO	020	IAF	TF		FB	2.0	242.4(238T)	023.6	01700
	BROUN	DOMPI	030		TF		FB	1.0	159.2(155T)	005.0	01700
	SSI	SSI	010		IF		FB				
	SSI	GRZLY	020	IAF	TF		FB	2.0	291.7(288T)	010.1	01700
	SSI	DOMPI	030		TF		FB	1.0	339.3(335T)	005.0	01700
	STARY	STARY	010		IF		FB				
	STARY	GRZLY	020	IAF	TF		FB	2.0	260.7(257T)	025.8	01700
	STARY	DOMPI	030		TF		FB	1.0	339.3(335T)	005.0	01700
		DOMPI	010	FACF	IF		FB				01700
		YOKHO	020	FAF	TF		FB	0.5	069.3(065T)	006.0	01700
		RW07	030	MAP	TF		FO	0.3	069.3(065T)	005.0	00077

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WORGO	040		DF		FB	1.0			
	BROUN	050		TF		FO	1.0	016.4(012T)		03000
	BROUN	060		HM	R	FO	2.0	196.5(193T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SSI	N310301.84	W0812645.45	N3103.031	W08126.758
	BROUN	N312736.31	W0811925.94	N3127.605	W08119.432
	DOMPI	N311038.50	W0814022.66	N3110.642	W08140.378
	EKIWO	N311511.53	W0814249.18	N3115.192	W08142.820
	GRZLY	N310605.42	W0813756.37	N3106.090	W08137.940
	STARY	N311204.70	W0810840.48	N3112.078	W08108.675
	WORGO	N311755.76	W0812154.78	N3117.929	W08121.913
	YOKHO	N311309.85	W0813400.27	N3113.164	W08134.005
	RW07	N311516.02	W0812840.62	N3115.267	W08128.677

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00019	58

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	ELEVATION: 26 TDZE: 26 AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 7, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 08/03/2006

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
SSI VORTAC	TAWKE (FB)	046.38 / 17.37	1700
STARY (IAF)	REGRE (FB)	328.91 / 10.20	1700
BROUN (IAF)	REGRE (FB)	158.90 / 7.90	1700
TAWKE (IAF)	REGRE (FB)	339.48 / 5.00	1700
REGRE (IF)	WORGO (FB)	249.46 / 6.02	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

CLIMB TO 3000 DIRECT BERTT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 069.41 INBOUND.
CHART FAS OBST: 77 TREE 311603N/0812712W
CHART FAS OBST: 129 TREES 311600N/0812732W
DISTANCE TO THLD FROM 348 HAT: 0.97 NM.
CHART VDP AT 0.99 MILES TO RW25* *LNAV ONLY.
WAAS CHANNEL # 61201
REFERENCE PATH ID: W25A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT REGRE
3. FAC: 249.41 FAF: WORGO DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: REGRE 1700, WORGO 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: WORGO OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 46.0 34:1 IS CLEAR
8. MSA FROM: RW25 2300

MAG VAR: 4W 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	226	3/4	200	226	3/4	200	226	3/4	200	226	3/4	200			
LNAV/VNAV DA	327	1	301	327	1	301	327	1	301	327	1	301			
LNAV MDA	380	1	354	380	1	354	380	1	354	380	1 1/4	354			
CIRCLING	540	1	514	540	1	514	540	1 1/2	514	580	2	554			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STARY VIA V1 SOUTHWEST BOUND, V437-441 SOUTHBOUND AND V437 NORTHBOUND.
SEE 8260-10

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 08/03/2006

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NOTES CONT.

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MALCOLM MCKINNON ALTIMETER SETTING AND INCREASE ALL DA 19 FEET AND ALL MDA 20 FEET AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

VDP AND BARO-VNAV NA WHEN USING MALCOLM MCKINNON ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: **BRUNSWICK GOLDEN ISLES**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1** 22 OCT 2009	AMDT: **ORIG**
				DATED: **08/03/2006**

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	KBQK
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	311549.0300N
LTP/FTP LONGITUDE	0812716.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	-00234
FPAP LATITUDE	311511.7900N
FPAP LONGITUDE	0812851.3200W
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	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	953A681A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00061
FPAP ORTHOMETRIC HEIGHT	+00061

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 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SSI    K7010980VTL  N31030184W081264545    N31030184W081264545W0040000101     NARBRUNSWICK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BERTT K70    C   L N31100212W081415399                          NAR          BERTT
        SUSAEAENRT   BROUN K70    C   L N31273631W081192594                          NAR          BROUN
        SUSAEAENRT   REGRE K70    W     N31202627W081153125                          NAR          REGRE
        SUSAEAENRT   STARY K70    C   L N31120470W081084048                          NAR          STARY
        SUSAEAENRT   TAWKE K70    W     N31155274W081130588                          NAR          TAWKE
        SUSAEAENRT   WORGO K70    W     N31175576W081215478                          NAR          WORGO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7ABQK     0      080YHN31153171W081275939W004000026         1800018000C    MNAR    BRUNSWICK GOLDEN ISLES

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7FR25   ABROUN 010BROUNK7EA0E  A    IF                                                  18000                A JS
        SUSAP KBQKK7FR25   ABROUN 020REGREK7EA0EE   010TF                      15890079    + 01700                               A JS
        SUSAP KBQKK7FR25   ASSI   010SSI  K7D 0V       IF                                                  18000                A JS
        SUSAP KBQKK7FR25   ASSI   020TAWKEK7EA0E  A 020TF                      04640174    + 01700                               A JS
        SUSAP KBQKK7FR25   ASSI   030REGREK7EA0EE   010TF                      33950050    + 01700                               A JS
        SUSAP KBQKK7FR25   ASTARY 010STARYK7EA0E  A    IF                                                  18000                A JS
        SUSAP KBQKK7FR25   ASTARY 020REGREK7EA0EE   010TF                      32890102    + 01700                               A JS
        SUSAP KBQKK7FR25   R      010REGREK7EA0E  I    IF                                  + 01700         18000                A JS
        SUSAP KBQKK7FR25   R      020WORGOK7EA1E  F 051TF                      24950060    + 01700                    RW25  K7PGA JS
        SUSAP KBQKK7FR25   R      020WORGOK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KBQKK7FR25   R      030RW25 K7PG0GY M 031TF                      24940051      00066                -300           A JS
        SUSAP KBQKK7FR25   R      040BERTTK7EA0EYM  010DF                                  + 03000                               A JS
        SUSAP KBQKK7FR25   R      050BERTTK7EA0EE  R020HM                      06940040    + 03000                               A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 08/03/2006

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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7GRW25    0080012494 N31154903W081271684+0000    -0023400020000046150R
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7PR25   RW25 001 0000W25A0N3115490300W08127168400-002340300N3115117900W0812851320010675031200046 0F400350953A681A
        SUSAP KBQKK7PR25   RW25 002E      +00061+00061LPV       61201
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBQKK7SRW25 K7PG                0   18018002325                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 26	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	AIRPORT NAME: BRUNSWICK GOLDEN ISLES	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 08/03/2006

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BROUN	BROUN	010	IAF	IF		FB				
	BROUN	REGRE	020		TF		FB	1.0	158.9(155T)	007.9	01700
	SSI	SSI	010		IF		FB				
	SSI	TAWKE	020	IAF	TF		FB	2.0	046.4(042T)	017.4	01700
	SSI	REGRE	030		TF		FB	1.0	339.5(336T)	005.0	01700
	STARY	STARY	010	IAF	IF		FB				
	STARY	REGRE	020		TF		FB	1.0	328.9(325T)	010.2	01700
		REGRE	010	FACF	IF		FB				01700
		WORGO	020	FAF	TF		FB	0.5	249.5(246T)	006.0	01700
		RW25	030	MAP	TF		FO	0.3	249.4(245T)	005.1	00066

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BERTT	040		DF		FO	1.0			03000
	BERTT	050		HM	R	FO	2.0	069.4(065T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SSI	N310301.84	W0812645.45	N3103.031	W08126.758
	BERTT	N311002.12	W0814153.99	N3110.035	W08141.900
	BROUN	N312736.31	W0811925.94	N3127.605	W08119.432
	REGRE	N312026.27	W0811531.25	N3120.438	W08115.521
	STARY	N311204.70	W0810840.48	N3112.078	W08108.675
	TAWKE	N311552.74	W0811305.88	N3115.879	W08113.098
	WORGO	N311755.76	W0812154.78	N3117.929	W08121.913
	RW25	N311549.03	W0812716.84	N3115.817	W08127.281

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	00020	46

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRUNSWICK, GA	**ELEVATION: 26 TDZE: 26** AIRPORT NAME: **BRUNSWICK GOLDEN ISLES**	**RNAV**	**RNAV (GPS) RWY 25, AMDT 1** 22 OCT 2009	AMDT: **ORIG** DATED: **08/03/2006**

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 ndicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SSI VORTAC (IF/IAF)	HUDES/7.00 DME (NOPT)	359.00 / 7.00	1700

MISSED APPROACH

MAP: MAJXE/12.29 DME

CLIMBING RIGHT TURN TO 1700 VIA SSI VORTAC R-359 TO HUDES/7.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 227 TOWER 311338N/0812740W
CHART 346 TOWER 311212N/0812934W.
FAC CROSSES MID POINT OF RWY 7-25.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S HUDES, LT, 359.00 INBOUND, 1700 FT. IN LIEU OF PT (IAF)
3. FAC 359.00 FAF HUDES/7.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT HUDES 1700, DMAIP/9.30 DME 1000
8. MSA FROM: SSI VORTAC 2700

MAG VAR: 4W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	540	1	514	540	1	514	540	1 1/2	514	580	2	554			

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SSI VORTAC VIA AIRWAY RADIALS 302 CW 018.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MALCOLM MCKINNON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BRUNSWICK, GA	BRUNSWICK GOLDEN ISLES	SSI	VOR/DME-B, AMDT 9 22 OCT 2009	AMDT 9 DATE 08/03/2006

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
EHEJO (IAF)	LUHQY (FB)	184.90 / 11.99	2500
REIDS (IAF)	LUHQY (FB)	023.87 / 18.62	2500
LUHQY (IF)	OCPOV (FB)	092.68 / 6.00	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 3000 DIRECT NIRDE AND VIA TRACK 002.83 TO APAYI AND VIA TRACK 294.45 TO LOTTS AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LUHQY
3. FAC: 092.74 FAF: OCPOV DIST FAF TO MAP: 4.82 THLD: 4.82
4. MIN. ALT: LUHQY 2500, OCPOV 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: OCPOV OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 33.0 34:1 IS NOT CLEAR
8. MSA FROM: RW09 2600

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 108.86 INBOUND.
CHART FAS OBST: 304 POWER LINE 321051N/0815818W
CHART FAS OBST: 215 TREE 321145N/0815242W
DISTANCE TO THLD FROM 360 HAT: 1.03 NM.
WAAS CHANNEL # 45914
REFERENCE PATH ID: W09A

MAG VAR: 4W 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	472	1 1/4	360	472	1 1/4	360	472	1 1/4	360	472	1 1/4	360			
LNAV/VNAV DA	824	2 1/2	712	824	2 1/2	712	824	2 1/2	712	824	2 1/2	712			
LNAV MDA	560	1	448	560	1	448	560	1 1/4	448	560	1 1/2	448			
CIRCLING	600	1	488	600	1	488	600	1 1/2	488	840	2 1/4	728			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SAVANNAH 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

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

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 112	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1	AMDT: ORIG
			22 OCT 2009	DATED 09/25/2008

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 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 REIDS VIA V157 SOUTHWEST BOUND , AND V179 SOUTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVANNAH ALTIMETER SETTING AND INCREASE ALL DA 88 FEET, ALL MDA 100 FEET AND LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT D VISIBILITY 1/2 MILE AND LNAV CATS C/D VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 112	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: **CLAXTON-EVANS COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 22 OCT 2009	AMDT: **ORIG**
				DATED: **09/25/2008**

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	KCWV
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	321141.6675N
LTP/FTP LONGITUDE	0815239.5080W
LTP/FTP ELLIPSOIDAL HEIGHT	+00042
FPAP LATITUDE	321143.5400N
FPAP LONGITUDE	0815054.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00033.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AA73AABE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00340
FPAP ORTHOMETRIC HEIGHT	+00340

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 112	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 09/25/2008

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 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   APAYI K70    W     N32184871W081465617                                  NAR          APAYI
        SUSAEAENRT   EHEJO K70    C   L N32232823W082051102                                  NAR          EHEJO
        SUSAEAENRT   LOTTS K70    C   L N32201164W081511842                                  NAR          LOTTS
        SUSAEAENRT   LUHQY K70    W     N32112729W082052436                                  NAR          LUHQY
        SUSAEAENRT   NIRDE K70    W     N32114793W081464605                                  NAR          NIRDE
        SUSAEAENRT   OCPOV K70    W     N32113542W081582022                                  NAR          OCPOV
        SUSAEAENRT   REIDS K70    C   L N31535465W082125186                                  NAR          REIDS
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWVK7ACWV     0     050YHN32114220W081521040W004000112         1800018000C    MNAR    CLAXTON-EVANS COUNTY
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                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWVK7FR09   AEHEJO 010EHEJOK7EA0E  A    IF                                                18000                A JS
        SUSAP KCWVK7FR09   AEHEJO 020LUHQYK7EA0EE   010TF                    18490120    + 02500                              A JS
        SUSAP KCWVK7FR09   AREIDS 010REIDSK7EA0E  A    IF                                                18000                A JS
        SUSAP KCWVK7FR09   AREIDS 020LUHQYK7EA0EE   010TF                    02390186    + 02500                              A JS
        SUSAP KCWVK7FR09   R      010LUHQYK7EA0E  I    IF                                + 02500     18000                    A JS
        SUSAP KCWVK7FR09   R      020OCPOVK7EA1E  F 051TF                    09270060    + 01700                  RW09  K7PGA JS
        SUSAP KCWVK7FR09   R      020OCPOVK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KCWVK7FR09   R      030RW09 K7PG0GY M 031TF                    09270048      00145             -300            A JS
        SUSAP KCWVK7FR09   R      040NIRDEK7EA0E M  010DF                                                                    A JS
        SUSAP KCWVK7FR09   R      050APAYIK7EA0E    010TF                    0028                                             A JS
        SUSAP KCWVK7FR09   R      060LOTTSK7EA0EY   010TF                    2945        + 03000                              A JS
        SUSAP KCWVK7FR09   R      070LOTTSK7EA0EE  R020HM                    10890040    + 03000                              A JS
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWVK7GRW09    0050010928 N32114167W081523951-0200    +0004200112000033074R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 112	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 09/25/2008

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 KCWVK7PR09    RW09 001 0000W09A0N3211416675W0815239508O+000420300N3211435400W0815054530010675122400033OF400500AA73AABE
        SUSAP KCWVK7PR09    RW09 002E       +00340+00340LPV        45914

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWVK7SRW09 K7PG                0   18018002625                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 112	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 9, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 09/25/2008

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EHEJO	EHEJO	010	IAF	IF		FB				
	EHEJO	LUHQY	020		TF		FB	1.0	184.9(181T)	012.0	02500
	REIDS	REIDS	010	IAF	IF		FB				
	REIDS	LUHQY	020		TF		FB	1.0	023.9(020T)	018.6	02500
		LUHQY	010	FACF	IF		FB				02500
		OCPOV	020	FAF	TF		FB	0.5	092.7(089T)	006.0	01700
		RW09	030	MAP	TF		FO	0.3	092.7(089T)	004.8	00145

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NIRDE	040		DF		FB	1.0			
	APAYI	050		TF		FB	1.0	002.8(359T)		
	LOTTS	060		TF		FO	1.0	294.5(291T)		03000
	LOTTS	070		HM	R	FO	2.0	108.9(105T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APAYI	N321848.71	W0814656.17	N3218.812	W08146.936
	EHEJO	N322328.23	W0820511.02	N3223.471	W08205.184
	LOTTS	N322011.64	W0815118.42	N3220.194	W08151.307
	LUHQY	N321127.29	W0820524.36	N3211.455	W08205.406
	NIRDE	N321147.93	W0814646.05	N3211.799	W08146.768
	OCPOV	N321135.42	W0815820.22	N3211.590	W08158.337
	REIDS	N315354.65	W0821251.86	N3153.911	W08212.864
	RW09	N321141.67	W0815239.51	N3211.695	W08152.659

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00112	33

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLAXTON, GA	**ELEVATION: 112 TDZE: 112** AIRPORT NAME: **CLAXTON-EVANS COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 22 OCT 2009	SUP: AMDT: **ORIG** DATED: **09/25/2008**

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
LOTTS	AHIDO (FO)	132.27 / 13.31	2600
MAYAR (IAF)	AHIDO (NOPT) (FB)	249.23 / 6.47	2600
AHIDO (IF/IAF)	BUPAW (FB)	272.93 / 6.10	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 2500 DIRECT LUHQY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 092.68 INBOUND.
CHART FAS OBST: 208 TREE 321115N/0815139W
CHART FAS OBST: 289 TREE 321127N/0814929W
CHART R3005A, B, C.
DISTANCE TO THLD FROM 313 HAT: 0.90 NM.
WAAS CHANNEL # 87114
REFERENCE PATH ID: W27A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E AHIDO, RT, 272.93 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 272.87 FAF: BUPAW DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: AHIDO 2600, BUPAW 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: BUPAW 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.0 34:1 IS NOT CLEAR
8. MSA FROM: RW27 2600

MAG VAR: 4W 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	424	1 1/4	313	424	1 1/4	313	424	1 1/4	313	424	1 1/4	313			
LNAV/VNAV DA	478	1 1/4	367	478	1 1/4	367	478	1 1/4	367	478	1 1/4	367			
LNAV MDA	540	1	429	540	1	429	540	1 1/4	429	540	1 1/2	429			
CIRCLING	600	1	488	600	1	488	600	1 1/2	488	840	2 1/4	728			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SAVANNAH 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

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

SCANNED 1 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 111	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAVANNAH ALTIMETER SETTING AND INCREASE ALL DA 88 FEET, ALL MDA 100 FEET AND LPV ALL CATS AND LNAV CATS C/D VISIBILITIES 1/4 MILE AND LNAV/VNAV ALL CATS AND CIRCLING CAT D VISIBILITIES 1/2 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 111	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: **CLAXTON-EVANS COUNTY**	**RNAV**	**RNAV (GPS) RWY 27, ORIG** 22 OCT 2009	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	KCWV
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	321142.4910N
LTP/FTP LONGITUDE	0815153.0120W
LTP/FTP ELLIPSOIDAL HEIGHT	+00017
FPAP LATITUDE	321140.6400N
FPAP LONGITUDE	0815337.9900W
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	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E228AA94

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00315
FPAP ORTHOMETRIC HEIGHT	+00315

QUALITY 7 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 111	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AHIDO K70    W     N32115538W081385960                          NAR          AHIDO                    I
          SUSAEAENRT   BUPAW K70    W     N32114836W081461075                          NAR          BUPAW                    I
          SUSAEAENRT   LOTTS K70    C   L N32201164W081511842                          NAR          LOTTS                    I
          SUSAEAENRT   LUHQY K70    W     N32112729W082052436                          NAR          LUHQY                    I
          SUSAEAENRT   MAYAR K70    R   L N32143862W081320396                          NAR          MAYAR                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCWVK7ACWV     0      050YHN32114220W081521040W004000112         1800018000C    MNAR    CLAXTON-EVANS COUNTY         I

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCWVK7FR27   ALOTTS 010LOTTSK7EA0E       IF                                          18000              A JS   I
          SUSAP KCWVK7FR27   ALOTTS 020AHIDOK7EA0EY   020TF                      13230133    + 02600                     A JS   I
          SUSAP KCWVK7FR27   ALOTTS 030AHIDOK7EA0EE AR   HF                     27290040    + 02600                     A JS   I
          SUSAP KCWVK7FR27   AMAYAR 010MAYARK7EA0E  A    IF                                          18000              A JS   I
          SUSAP KCWVK7FR27   AMAYAR 020AHIDOK7EA0EE B 010TF                      24920065    + 02600                     A JS   I
          SUSAP KCWVK7FR27   R       010AHIDOK7EA0E  I    IF                                 + 02600  18000              A JS   I
          SUSAP KCWVK7FR27   R       020BUPAWK7EA1E  F 051TF                    27290061    + 01700             RW27  K7PGA JS   I
          SUSAP KCWVK7FR27   R       020BUPAWK7EA2WALPV       ALNAV/VNAV ALNAV                                              JS   I
          SUSAP KCWVK7FR27   R       030RW27 K7PG0GY M 031TF                    27290048      00138          -300          A JS   I
          SUSAP KCWVK7FR27   R       040LUHQYK7EA0EYM  010DF                                + 02500                     A JS   I
          SUSAP KCWVK7FR27   R       050LUHQYK7EA0EE  R020HM                    09270040    + 02500                     A JS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCWVK7GRW27    0050012728 N32114249W081515301+0200    +00017001041005340 74R                                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KCWVK7PR27   RW27 001 0000W27A0N3211424910W08151530120+000170300N3211406400W0815337990010675153600034 0F400500E228AA94I
          SUSAP KCWVK7PR27   RW27 002E      +00315+00315LPV       87114                                                         I
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 111	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 KCWVK7SRW27 K7PG              0   18018002625                                                          M   I
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 112 TDZE: 111	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLAXTON, GA	AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LOTTS	LOTTS	010		IF		FB				
	LOTTS	AHIDO	020		TF		FO	2.0	132.3(128T)	013.3	02600
	LOTTS	AHIDO	030	IAF	HF	R	FO		272.9(269T)	004.0	02600
	MAYAR	MAYAR	010	IAF	IF		FB				
	MAYAR	AHIDO	020	IF	TF		FB	1.0	249.2(245T)	006.5	02600
		AHIDO	010	FACF	IF		FB				02600
		BUPAW	020	FAF	TF		FB	0.5	272.9(269T)	006.1	01700
		RW27	030	MAP	TF		FO	0.3	272.9(269T)	004.8	00138

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LUHQY	040		DF		FO	1.0			02500
	LUHQY	050		HM	R	FO	2.0	092.7(089T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHIDO	N321155.38	W0813859.60	N3211.923	W08138.993
	BUPAW	N321148.36	W0814610.75	N3211.806	W08146.179
	LOTTS	N322011.64	W0815118.42	N3220.194	W08151.307
	LUHQY	N321127.29	W0820524.36	N3211.455	W08205.406
	MAYAR	N321438.62	W0813203.96	N3214.644	W08132.066
	RW27	N321142.49	W0815153.01	N3211.708	W08151.884

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00104	34

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CLAXTON, GA	ELEVATION: 112 TDZE: 111 AIRPORT NAME: CLAXTON-EVANS COUNTY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	SUP: AMDT: NONE DATED:

FAA FORM 8260-10 / MARCH 2003 (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: 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 22 OCT 2009

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JASPER, GA	**ELEVATION: 1535 TDZE: 1535** AIRPORT NAME: **PICKENS COUNTY**	**JZP**	**NDB RWY 34, ORIG, 07/07/2005**	SUP AMDT **NONE** DATE

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

Bearings, headings, courses, and radials are magnetic. Elevations 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:

22 OCT 2009

PROCEDURE CANCELED EFFECTIVE _____

QUALITY CHECKED

CITY AND STATE	ELEVATION: 12 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
JEKYLL ISLAND, GA	AIRPORT NAME: **JEKYLL ISLAND**	**GPS**	**GPS RWY 36, ORIG-B, 03/13/2000**	AMDT	**ORIG - A**
				DATE	08/1/1997

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
ECUFE (IAF)	AHJUN (FB)	000.81 / 4.97	2000
OCNOP (IAF)	AHJUN (FB)	296.71 / 6.63	2000
CUBDU (IAF)	AHJUN (FB)	094.58 / 10.08	2000
AHJUN (IF)	NUTWY (FB)	359.44 / 5.17	1600

MISSED APPROACH

LNAV: RW36

CLIMBING RIGHT TURN TO 2000 DIRECT OCNOP AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 4000. .

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 205.00 INBOUND.
CHART FAS OBST: 176 TOWER 310257N/0812520W
CHART 348 TOWER 310111N/0812557W.
CHART VDP AT 1.18 MILES TO RW36.
NUTWY TO RW36: 3.04/30

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT AHJUN
3. FAC: 359.43 FAF: NUTWY DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: AHJUN 2000, NUTWY 1600, RHOME/2.10 NM TO RW36 700
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: RW36 2700

MAG VAR: 5W 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
LNAV MDA	440	1	429	440	1	429		NA			NA				
CIRCLING	480	1	468	480	1	468		NA			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 NOTE: USE BRUNSWICK/MALCOLM MCKINNON ALTIMETER SETTING; WHEN NOT RECEIVED, USE JACKSONVILLE
SEE 8260-10

QUALITY 2 CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JEKYLL ISLAND, GA	ELEVATION: 12 TDZE: 11 JEKYLL ISLAND	RNAV	RNAV (GPS) RWY 36, ORIG 22 OCT 2009	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
INTL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.
CHART NOTE: VDP NA WHEN USING JACKSONVILLE INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUBDU VIA V441 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ECUFE VIA V3 SOUTHBOUND.

QUALITY CHECKED 2

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
JEKYLL ISLAND, GA	**ELEVATION: 12 TDZE: 11** AIRPORT NAME: **JEKYLL ISLAND**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 22 OCT 2009	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 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AHJUN K70    W     N30541130W081243025                                  NAR          AHJUN
        SUSAEAENRT   CUBDU K70    C   L N30540739W081361339                                  NAR          CUBDU
        SUSAEAENRT   ECUFE K70    C   L N30491333W081240492                                  NAR          ECUFE
        SUSAEAENRT   NUTWY K70    W     N30592071W081250521                                  NAR          NUTWY
        SUSAEAENRT   OCNOP K70    C   L N30514399W081172062                                  NAR          OCNOP
        SUSAEAENRT   RHOME K70    W     N31020413W081252371                                  NAR          RHOME

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 09J K7A09J     0     037YHN31042810W081254000W005000012         1800018000C    MNAR    JEKYLL ISLAND

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 09J K7FR36   ACUBDU 010CUBDUK7EA0E  A    IF                                                18000                B JS
        SUSAP 09J K7FR36   ACUBDU 020AHJUNK7EA0EE   010TF                      09460101    + 02000                              B JS
        SUSAP 09J K7FR36   AECUFE 010ECUFEK7EA0E  A    IF                                                18000                B JS
        SUSAP 09J K7FR36   AECUFE 020AHJUNK7EA0EE   010TF                      00080050    + 02000                              B JS
        SUSAP 09J K7FR36   AOCNOP 010OCNOPK7EA0E  A    IF                                                18000                B JS
        SUSAP 09J K7FR36   AOCNOP 020AHJUNK7EA0EE   010TF                      29670066    + 02000                              B JS
        SUSAP 09J K7FR36   R      010AHJUNK7EA0E  I    IF                                    + 02000     18000                B JS
        SUSAP 09J K7FR36   R      020NUTWYK7EA1E  F 051TF                      35940052    + 01600                  RW36  K7PGB JS
        SUSAP 09J K7FR36   R      020NUTWYK7EA2WN          N          ALNAV                                                      JS
        SUSAP 09J K7FR36   R      021RHOMEK7EA0E S  031TF                      35940027    V 0070000714        -304          B JS
        SUSAP 09J K7FR36   R      030RW36 K7PG0GY M 031TF                      35940021      00041             -304          B JS
        SUSAP 09J K7FR36   R      040OCNOPK7EA0EYM R010DF                                  + 02000                              B JS
        SUSAP 09J K7FR36   R      050OCNOPK7EA0EE  R020HM                      20500040    + 02000                              B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 09J K7GRW36    0037153594 N31040982W081253794+0000    -0025500011000030075R
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 12 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JEKYLL ISLAND, GA	AIRPORT NAME: JEKYLL ISLAND	RNAV	RNAV (GPS) RWY 36, ORIG 22 OCT 2009	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 09J K7SRW36 K7PG                0   18018002725                                                                M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 12 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JEKYLL ISLAND, GA	AIRPORT NAME: JEKYLL ISLAND	RNAV	RNAV (GPS) RWY 36, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUBDU	CUBDU	010	IAF	IF		FB				
	CUBDU	AHJUN	020		TF		FB	1.0	094.6(090T)	010.1	02000
	ECUFE	ECUFE	010	IAF	IF		FB				
	ECUFE	AHJUN	020		TF		FB	1.0	000.8(356T)	005.0	02000
	OCNOP	OCNOP	010	IAF	IF		FB				
	OCNOP	AHJUN	020		TF		FB	1.0	296.7(292T)	006.6	02000
		AHJUN	010	FACF	IF		FB				02000
		NUTWY	020	FAF	TF		FB	0.5	359.4(354T)	005.2	01600
		RHOME	021	SDF	TF		FB	0.3	359.4(354T)	002.7	0070000714
		RW36	030	MAP	TF		FO	0.3	359.4(354T)	002.1	00041

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OCNOP	040		DF	R	FO	1.0			02000
	OCNOP	050		HM	R	FO	2.0	205.0(200T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AHJUN	N305411.30	W0812430.25	N3054.188	W08124.504
	CUBDU	N305407.39	W0813613.39	N3054.123	W08136.223
	ECUFE	N304913.33	W0812404.92	N3049.222	W08124.082
	NUTWY	N305920.71	W0812505.21	N3059.345	W08125.087
	OCNOP	N305143.99	W0811720.62	N3051.733	W08117.344
	RHOME	N310204.13	W0812523.71	N3102.069	W08125.395
	RW36	N310409.82	W0812537.94	N3104.164	W08125.632

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00011	30

CITY AND STATE	ELEVATION: 12 TDZE: 11 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JEKYLL ISLAND, GA	JEKYLL ISLAND	RNAV	RNAV (GPS) RWY 36, ORIG / 22 OCT 2009	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
WIGID/SSI 7.00 DME CCW (IAF)	SAUSE/SSI 7.00 DME (NOPT)	7.00 DME ARC	1600
TOMDY/SSI 7.00 DME CW (IAF)	SAUSE/SSI 7.00 DME (NOPT)	7.00 DME ARC	1600
SAUSE/SSI 7.00 DME (IF)	SSI VORTAC	037.13 / 7.00	1000

MISSED APPROACH

MAP: 1.47 MILES AFTER SSI VORTAC OR AT MAVNK/SSI 1.47 DME FIX

CLIMBING RIGHT TURN TO 2000 DIRECT SSI VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 037.13 INBOUND.
CHART FAS OBST: 119 TREE 310349N/0812514W
CHART SSI R-302 AT WIGID.
CHART SSI R-175 AT TOMDY.
FAC CROSSES MID POINT OF RWY 18-36.

1. PT L SIDE OF COURSE 217.13 OUTBOUND 1600 FT WITHIN 10 MILES OF SSI VORTAC (IAF)
2.
3. FAC 037.13 FAF SSI VORTAC DIST FAF TO MAP THLD
4. MIN. ALT SSI VORTAC 1000
8. MSA FROM: SSI VORTAC 2700

MAG VAR: 4W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | 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
CIRCLING	480	1	468	480	1	468		NA			NA				

NOTES:

CHART NOTE: USE BRUNSWICK/MALCOM MCKINNON ALTIMETER SETTING; WHEN NOT RECEIVED, USE JACKSONVILLE INTL ALTIMETER SETTING AND INCREASE MDA 100 FEET.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 12 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JEKYLL ISLAND, GA	JEKYLL ISLAND	SSI	VOR-A, AMDT 10 22 OCT 2009	SUP VOR OR GPS-A AMDT 9B DATE 05/30/1991

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

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 12, STANDARD.

RWY 30, STANDARD WITH A MINIMUM CLIMB OF 268 FT PER NM TO 1800, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 30: FOR CLIMB IN VISUAL CONDITIONS: CROSS THOMASTON-UPSON COUNTY AIRPORT AT OR ABOVE 1700 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 30, TREES BEGINNING 802' FROM DER, 444' RIGHT OF CENTERLINE, UP TO 108' AGL/867' MSL. POWER TRANSMISSION LINES 1625' FROM DER LEFT TO RIGHT OF CENTERLINE 123' AGL/863 MSL.

NOTE: RWY 12, TREES BEGINNING 2885' FROM DER, 510' LEFT OF CENTERLINE, UP TO 104' AGL/894' MSL.

(4) CONTROLLING OBSTACLES:

RWY 30: 1556' TOWER 325946.00N/0842005.00W

VCOA: 1556' TOWER 325946.00N/0842005.00W, 949' TREE 325749.00N/0841451.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
THOMASTON, GA	THOMASTON-UPSON COUNTY	22 OCT 2009	AMDT 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
ASADE (40E)	BURLE (TF) (FB) (RNP 2.00) (40E) (43A)	337.09 / 28.58	3000
WUVEN (40E)	RASPE (TF) (FB) (RNP 2.00) (40E) (43A)	166.30 / 35.91	3000
PULEE (IAF) (40E) (43A)	OBALE (TF) (FB) (RNP 1.00) (40E) (41E)	101.94 / 32.58	3000
BURLE (IAF) (40E) (43A)	OBALE (TF) (FB) (RNP 1.00) (40E) (41E)	332.98 / 10.00	3000
RASPE (IAF) (40E) (43A)	OBALE (TF) (FB) (RNP 1.00) (40E) (41E)	152.95 / 5.00	3000
OBALE (IF) (40E) (43I)	ADEDE (TF) (FB) (RNP 1.00) (40E) (43F)	062.91 / 7.01	2000
ADEDE (FAF) (40E) (43F)	RW06L (TF) (FO) (40G)(41Y) (43M)	062.93 / 5.29	
RW06L (MAP) (40G)(41Y) (43M)	WABOX (TF) (FO)(RNP 1.00) (40E) (41Y) (42M)	062.95 / 13.66	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA TRACK 062.95 TO WABOX AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 243.00 INBOUND.
CHART MAXIMUM 15100 AT ASADE, MAXIMUM 15900 AT WUVEN, MAXIMUM 13300 AT PULEE, MAXIMUM 6100 AT BURLE, MAXIMUM 4500 AT RASPE.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OBALE
3. FAC: 062.93 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: OBALE 3000
5. DIST TO THLD FROM OM: 5.29 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: ADEDE 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.8# 34:1 IS CLEAR
8. MSA FROM: RW06L 2600

DISTANCE TO THLD FROM 255 HAT: 0.70 NM
ROUTE TYPE: A, R
APPROACH TYPE QUALIFIER 1: P
APPROACH TYPE QUALIFIER 2: A, S
#TCH: 288.7 MSL (DO NOT CHART)

MAG VAR: 2E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30* DA	511	1/2	255	511	1/2	255	511	1/2	255	511	1/2	255			
RNP 0.30 DA	656	1	400	656	1	400	656	1	400	656	1	400			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 19C (66F) OR ABOVE 48C (119F). GPS REQUIRED. *MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 276 FEET PER NM TO 1400. FOR INOPERATIVE MALSR, INCREASE RNP 0.30* VISIBILITY TO 1 MILE AND RNP 0.30 VISIBILITY TO 1 ½ MILE. CHART PLANVIEW NOTE AT RASPE: MAX 210 KIAS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ASADE VIA B586 SOUTHEAST BOUND, AT PULEE VIA G467 R596 WEST BOUND AND AT WUVEN VIA A597 NORTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 256 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 6L, ORIG-C	AMDT: ORIG-B
				DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV — **STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ASADE	ASADE	010		IF		FB				15100 MAX
	ASADE	BURLE	020	IAF	TF		FB	2.0	337.1 (339T)	028.6	06100/03000 BLK
	ASADE	OBALE	030		TF		FB	1.0	333.0 (335T)	010.0	03000
	PULEE	PULEE	010	IAF	IF		FB				13300 MAX
	PULEE	OBALE	020		TF		FB	1.0	101.9 (104T)	032.6	03000
	WUVEN	WUVEN	010		IF		FB				15900 MAX
	WUVEN	RASPE	020	IAF	TF		FB	2.0	166.3 (168T)	035.9	04500/03000 BLK
	WUVEN	OBALE	030		TF		FB	1.0	153.0 (155T)	005.0	03000
		OBALE	010	FACF	IF		FB				03000
		ADEDE	020	FAF	TF		FB	1.0	062.9 (065T)	007.0	02000
		RW06L	030	MAP	TF		FO	0.3	062.9 (065T)	005.3	00289 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WABOX	040		TF		FO	1.0	063.0 (065T)	013.7	03000
	WABOX	050		HM	R	FO	2.0	243.0 (245T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADEDE	N132629.01	E1444207.21	N1326.484	E14442.120
	ASADE	N124735.40	E1445024.14	N1247.590	E14450.402
	BURLE	N131424.05	E1443956.73	N1314.401	E14439.946
	OBALE	N132329.96	E1443536.43	N1323.499	E14435.607
	PULEE	N133125.05	E1440309.83	N1331.418	E14403.164
	RASPE	N132803.08	E1443326.05	N1328.051	E14433.434
	WABOX	N133432.23	E1445944.66	N1334.537	E14459.744
	WUVEN	N140322.27	E1442557.51	N1403.371	E14425.959
	RW06L	N132844.07	E1444702.34	N1328.735	E14447.039

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06L	00239	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 256 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 6L, ORIG-C	AMDT: ORIG-B
				DATED: 03/12/2009

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
ASADE (40E)	BURLE (TF) (FB) (RNP 2.00) (40E) (43A)	337.09 / 28.58	3000
WUVEN (40E)	RASPE (TF) (FB) (RNP 2.00)(40E) (43A)	166.30 / 35.91	3000
PULEE (IAF) (40E) (43A)	DALPE (TF) (FB) (RNP 1.00)(40E) (41E)	102.10 / 32.66	3000
BURLE (IAF) (40E) (43A)	DALPE (TF) (FB) (RNP 1.00)(40E) (41E)	332.98 / 9.88	3000
RASPE (IAF) (40E) (43A)	DALPE (TF) (FB) (RNP 1.00)(40E) (41E)	152.95 / 5.12	3000
DALPE (IF) (40E) (43I)	FISON (TF) (FB) (RNP 1.00)(40E) (43F)	062.91 / 7.00	2000
FISON (FAF) (40E) (43F)	RW06R (TF) (FO) (40G)(41Y) (43M)	062.93 / 5.30	
RW06R (MAP) (40G) (41Y) (43M)	CIBOL (TF) (FO)(RNP 1.00) (40E) (41Y) (42M)	062.94 / 13.45	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA TRACK 062.94 TO CIBOL AND HOLD

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DALPE
3. FAC: 062.93 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN ALT: DALPE 3000
5. DIST TO THLD FROM OM: 5.30 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: FISON 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW06R 2600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 242.99 INBOUND.
CHART MAXIMUM 15100 AT ASADE, MAXIMUM 16000 AT WUVEN, MAXIMUM 13300 AT PULEE, MAXIMUM 6100 AT BURLE, MAXIMUM 4600 AT RASPE.
DISTANCE TO THLD FROM 250 HAT: 0.70 NM
ROUTE TYPE: A, R
APPROACH TYPE QUALIFIER 1: P
APPROACH TYPE QUALIFIER 2: A, S
#TCH: 286.0 MSL (DO NOT CHART)

QUALITY CHECKED

MAG VAR: 2E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30* DA	508	1/2	250	508	1/2	250	508	1/2	250	508	1/2	250			
RNP 0.30 DA	656	1	398	656	1	398	656	1	398	656	1	398			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 19C (66F) OR ABOVE 48C (119F). GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 285 FEET PER NM TO 1400. CHART PLANVIEW NOTE AT RASPE: MAX 210 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ASADE VIA B586 SOUTHEAST BOUND, AT PULEE VIA G467 R596 WEST BOUND AND AT WUVEN VIA A597 NORTHWEST BOUND.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE RNP 0.30* ALL CATS VISIBILITY TO 7/8 MILE, RNP 0.30 ALL CATS VISIBILITY TO 1 1/2 MILE.

CITY AND STATE	ELEVATION: 298 TDZE: 258 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 6R, ORIG-B	AMDT: ORIG-A / DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ASADE	ASADE	010		IF		FB				15100 MAX
	ASADE	BURLE	020	IAF	TF		FB	2.0	337.1 (339T)	028.6	06100/03000 BLK
	ASADE	DALPE	030		TF		FB	1.0	333.0 (335T)	009.9	03000
	PULEE	PULEE	010	IAF	IF		FB				13300 MAX
	PULEE	DALPE	020		TF		FB	1.0	102.1 (104T)	032.7	03000
	WUVEN	WUVEN	010		IF		FB				16000 MAX
	WUVEN	RASPE	020	IAF	TF		FB	2.0	166.3 (168T)	035.9	04600/03000 BLK
	WUVEN	DALPE	030		TF		FB	1.0	153.0 (155T)	005.1	03000
		DALPE	010	FACF	IF		FB				03000
		FISON	020	FAF	TF		FB	1.0	062.9 (065T)	007.0	02000
		RW06R	030	MAP	TF		FO	0.3	062.9 (065T)	005.3	00286 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIBOL	040		TF		FO	1.0	062.9 (065T)	013.5	03000
	CIBOL	050		HM	R	FO	2.0	243.0 (245T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ASADE	N124735.40	E1445024.14	N1247.590	E14450.402
	BURLE	N131424.05	E1443956.73	N1314.401	E14439.946
	CIBOL	N133420.75	E1445935.91	N1334.346	E14459.599
	DALPE	N132323.67	E1443539.43	N1323.395	E14435.657
	FISON	N132622.52	E1444209.78	N1326.375	E14442.163
	PULEE	N133125.05	E1440309.83	N1331.418	E14403.164
	RASPE	N132803.08	E1443326.05	N1328.051	E14433.434
	WUVEN	N140322.27	E1442557.51	N1403.371	E14425.959
	RW06R	N132837.78	E1444705.34	N1328.630	E14447.089

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06R	00231	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 258 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 6R, ORIG-B	AMDT: ORIG-A DATED: 03/12/2009

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
CULPS (40E)	CADUK (TF) (FB) (RNP 2.00) (40E) (43A)	185.56 / 16.49	3000
GUMGE (40E)	SIDPE (TF) (FB) (RNP 2.00) (40E) (43A)	336.17 / 26.46	3000
CADUK (IAF) (40E) (43A)	CIBOL (TF) (FB) (RNP 1.00) (40E) (41E)	152.97 / 10.00	3000
BAGBE (IAF) (40E) (43A)	CIBOL (TF) (FB) (RNP 1.00) (40E) (41E)	252.59 / 18.37	3000
SIDPE (IAF) (40E) (43A)	CIBOL (TF) (FB) (RNP 1.00) (40E) (41E)	333.00 / 5.00	3000
CIBOL (IF) (40E) (43I)	JOMAX (TF) (FB) (RNP 1.00) (40E) (43F)	242.99 / 6.86	2000
JOMAX (FAF) (40E) (43F)	RW24L (TF) (FO) (40G) (41Y) (43M)	242.97 / 5.11	
RW24L (MAP) (40G)(41Y) (43M)	DALPE (TF) (FO)(RNP 1.00) (40E) (41Y) (42M)	242.95 / 13.78	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA TRACK 242.95 TO DALPE AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CIBOL
3. FAC: 242.97 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: CIBOL 3000
5. DIST TO THLD FROM OM: 5.11 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: JOMAX 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW24L 2600

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 062.91 INBOUND.
CHART FAS OBST: 479 TOWER 132920N / 1444914E
800 TOWER 132922N /1444944E
CHART MAXIMUM 11300 AT CULPS, MAXIMUM 12900 AT GUMGE, MAXIMUM 8800 AT BAGBE, MAXIMUM 6100 AT CADUK, MAXIMUM 4500 AT SIDPE.
DISTANCE TO THLD FROM 810 HAT: 2.37 NM
ROUTE TYPE: A, R
APPROACH TYPE QUALIFIER 1: P
APPROACH TYPE QUALIFIER 2: A, S
#TCH: 348.0 MSL (DO NOT CHART)

MAG VAR: 2E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.20 DA	1103	2 3/4	810	1103	2 3/4	810	1103	2 3/4	810	1103	2 3/4	810			
RNP 0.30 DA	1140	3	847	1140	3	847	1140	3	847	1140	3	847			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 19C (66F) OR ABOVE 48C (119F). GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. PROCEDURE NA AT NIGHT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CULPS VIA A221 NORTHEAST BOUND, AT GUMGE VIA A597 R584 SOUTHEAST BOUND AND AT BAGBE VIA A450 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CAT A, B, C, D 900-3.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 293	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	AIRPORT NAME: GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 24L, ORIG-D	AMDT: ORIG-C
				DATE 04/27/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	BAGBE	BAGBE	010	IAF	IF		FB				08800 MAX
	BAGBE	CIBOL	020		TF		FB	1.0	252.6 (255T)	018.4	03000
	CULPS	CULPS	010		IF		FB				11300 MAX
	CULPS	CADUK	020	IAF	TF		FB	2.0	185.6 (188T)	016.5	06100/03000 BLK
	CULPS	CIBOL	030		TF		FB	1.0	153.0 (155T)	010.0	03000
	GUMGE	GUMGE	010		IF		FB				12900 MAX
	GUMGE	SIDPE	020	IAF	TF		FB	2.0	336.2 (338T)	026.5	04500/03000 BLK
	GUMGE	CIBOL	030		TF		FB	1.0	333.0 (335T)	005.0	03000
		CIBOL	010	FACF	IF		FB				03000
		JOMAX	020	FAF	TF		FB	1.0	243.0 (245T)	006.9	02000
		RW24L	030	MAP	TF		FO	0.3	243.0 (245T)	005.1	00348 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DALPE	040		TF		FO	1.0	243.0 (245T)	013.8	03000
	DALPE	050		HM	R	FO	2.0	062.9 (065T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAGBE	N133915.51	E1451746.63	N1339.259	E14517.777
	CADUK	N134326.83	E1445515.31	N1343.447	E14455.255
	CIBOL	N133420.75	E1445935.91	N1334.346	E14459.599
	CULPS	N135951.62	E1445729.02	N1359.860	E14457.484
	DALPE	N132323.67	E1443539.43	N1323.395	E14435.657
	GUMGE	N130507.48	E1451152.11	N1305.125	E14511.869
	JOMAX	N133126.02	E1445313.24	N1331.434	E14453.221
	SIDPE	N132947.68	E1450146.09	N1329.795	E14501.768
	RW24L	N132915.61	E1444828.07	N1329.260	E14448.468

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24L	00293	55

QUALITY RECORD

CITY AND STATE	ELEVATION: 298 TDZE: 293 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 24L, ORIG-D	AMDT: ORIG-C DATED: 04/27/2009

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
CULPS (40E)	HAGIX (TF) (FB) (RNP 2.00) (40E) (43A)	185.15 / 16.28	3000
GUMGE (40E)	FAPAM (TF) (FB) (RNP 2.00) (40E) (43A)	337.43 / 21.60	3000
HAGIX (IAF) (40E) (43A)	WABOX (TF) (FB) (RNP 1.00) (40E) (41E)	152.98 / 10.00	3000
BAGBE (IAF) (40E) (43A)	WABOX (TF) (FB) (RNP 1.00) (40E) (41E)	253.05 / 18.18	3000
FAPAM (IAF) (40E) (43A)	WABOX (TF) (FB) (RNP 1.00) (40E) (41E)	333.02 / 10.00	3000
WABOX (IF) (40E) (43I)	PAVYI (TF) (FB) (RNP 1.00) (40E) (43F)	243.00 / 6.06	2300
PAVYI (FAF) (40E) (43F)	RW24R (TF) (FO) (40G) (41Y)(43M)	242.98 / 5.95	
RW24R (MAP) (40G) (41Y) (43M)	OBALE (TF) (FO (RNP 1.00) (40E) (41Y) (42M)	242.96 / 13.95	3000

MISSED APPROACH

MAP: DA

CLIMB TO 3000 VIA TRACK 242.96 TO OBALE AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WABOX
3. FAC: 242.98 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WABOX 3000
   DIST TO THLD FROM OM: 5.95 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
   MIN GS INCPT: 2300 GS ALT AT: PAVYI 2300 OM: ____ MM: ____ IM: ____
   GS ANGLE: 3.00 TCH: 75.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW24R 2600

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 062.91 INBOUND.
CHART FAS OBST: 800 TOWER 132922N / 1444944E
717 POLE 132925N / 1444946E
479 TOWER 132920N / 1444914E
CHART MAXIMUM 11200 AT CULPS, MAXIMUM 12900 AT GUMGE, MAXIMUM 8700 AT BAGBE, MAXIMUM 6100 AT HAGIX, MAXIMUM 6100 AT FAPAM.
DISTANCE TO THLD FROM 820 HAT: 2.34 NM
ROUTE TYPE: A, R
APPROACH TYPE QUALIFIER 1: P
APPROACH TYPE QUALIFIER 2: A, S
#TCH: 371.9 MSL (DO NOT CHART)

MAG VAR: 2E EPOCH YEAR: 00

MINIMUMS

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

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 0.24 DA	1117	2 3/4	820	1117	2 3/4	820	1117	2 3/4	820	1117	2 3/4	820			
RNP 0.30 DA	1140	3	843	1140	3	843	1140	3	843	1140	3	843			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 19C (66F) OR ABOVE 48C (119F). GPS REQUIRED. WHEN VGSI INOP, PROCEDURE NA AT NIGHT. VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CULPS VIA A221 NORTHEAST BOUND, AT GUMGE VIA A597 R584 SOUTHEAST BOUND AND AT BAGBE VIA A450 NORTHEAST BOUND.

CAT A, B, C, D 900-3.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 297 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 24R, ORIG-B	AMDT: ORIG-A DATE 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	BAGBE	BAGBE	010	IAF	IF		FB				08700 MAX
	BAGBE	WABOX	020		TF		FB	1.0	253.1 (255T)	018.2	03000
	CULPS	CULPS	010		IF		FB				11200 MAX
	CULPS	HAGIX	020	IAF	TF		FB	2.0	185.2 (187T)	016.3	06100/03000 BLK
	CULPS	WABOX	030		TF		FB	1.0	153.0 (155T)	010.0	03000
	GUMGE	GUMGE	010		IF		FB				12900 MAX
	GUMGE	FAPAM	020	IAF	TF		FB	2.0	337.4 (339T)	021.6	06100/03000 BLK
	GUMGE	WABOX	030		TF		FB	1.0	333.0 (335T)	010.0	03000
		WABOX	010	FACF	IF		FB				03000
		PAVYI	020	FAF	TF		FB	1.0	243.0 (245T)	006.1	02300
		RW24R	030	MAP	TF		FO	0.3	243.0 (245T)	006.0	00372 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OBALE	040		TF		FO	1.0	243.0 (245T)	014.0	03000
	OBALE	050		HM	R	FO	2.0	062.9 (065T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAGBE	N133915.51	E1451746.63	N1339.259	E14517.777
	CULPS	N135951.62	E1445729.02	N1359.860	E14457.484
	FAPAM	N132526.02	E1450404.84	N1325.434	E14504.081
	GUMGE	N130507.48	E1451152.11	N1305.125	E14511.869
	HAGIX	N134338.35	E1445524.15	N1343.639	E14455.403
	OBALE	N132329.96	E1443536.43	N1323.499	E14435.607
	PAVYI	N133157.78	E1445406.22	N1331.963	E14454.104
	WABOX	N133432.23	E1445944.66	N1334.537	E14459.744
	RW24R	N132926.12	E1444834.29	N1329.435	E14448.572

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24R	00297	75

QUALITY CHECKED

CITY AND STATE	ELEVATION: 298 TDZE: 297 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GUAM, GQ	GUAM INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 24R, ORIG-B	AMDT: ORIG-A DATED: 03/12/2009

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
HARPO INT/LNY 26.55 DME (IAF)	CAMPS/I-OGG 17.53 DME (NOPT)	275.00 / 5.11 (LNY R-095)	3000
KEIKI INT/LNY 17.00 DME (IAF)	CAMPS/I-OGG 17.53 DME (NOPT)	095.00 / 4.44 (LNY R-095) (OGG LR-211)	3000
CAMPS/I-OGG 17.53 DME (IF)	TEBBS/I-OGG 10.04 DME/RADAR	023.97 / 7.49	3000

MISSED APPROACH

ILS: DA
LOC: 8.84 MILES AFTER TEBBS/10.04 DME/RADAR OR AT I-OGG 1.12 DME FIX

CLIMB TO 3000 VIA OGG R-024 THEN CLIMBING RIGHT TURN TO 5000 DIRECT OGG VORTAC, THEN VIA OGG R-190 AND LNY R-095 TO CAMPS AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA THE VYI NDB 024 BEARING OUTBOUND. THEN CLIMBING RIGHT TURN TO 7000 TO INTERCEPT THE VYI NDB 024 BEARING INBOUND TO THE VYI NDB AND HOLD. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 095.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NE VYI NDB, RT, 204.00 INBOUND.
CHART FAS OBST: 252 STACK 205203N/1562714W
CHART VDP AT 2.43 DME;
DISTANCE VDP TO THLD 1.22 MILES.
CHART IN PLANVIEW: VYI NDB.
CHART IN PLANVIEW: LNY 21.44 DME AT CAMPS.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW CAMPS, RT, 024.28 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 023.97 FAF: TEBBS/I-OGG 10.04 DME/RADAR DIST FAF TO MAP: 8.83 THLD: 8.83
4. MIN. ALT: CAMPS 3000, TEBBS 3000, NOWAK/I-OGG 5.51 DME/RADAR 1520*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1342
6. MIN GS INCPT: 3000 GS ALT AT: TEBBS/I-OGG 10.04 DME/RADAR 3000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 62.3
8. MSA FROM: OGG VORTAC 090-180 11300, 180-360 7000, 360-090 3300

MAG VAR: 11E EPOCH YEAR: 1990

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 2	304	3/4	250	304	3/4	250	304	3/4	250	304	3/4	250	304	3/4	250
S-LOC 2	1520	1 1/4	1466	1520	1 1/2	1466	1520	2 1/2	1466	1520	2 1/2	1466	1520	2 1/2	1466
CIRCLING	1520	1 1/4	1466	1520	1 1/2	1466	1520	3	1466	1520	3	1466	1520	3	1466
NOWAK FIX MINIMUMS															
S-LOC 2	520	3/4	466	520	3/4	466	520	3/4	466	520	1	466	520	1 1/4	466
CIRCLING	520	1	466	560	1	506	620	1 1/2	566	660	2	606	1400	3	1346

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO ILS ALL CATS, LOC CAT A AND B .
CHART NOTE: DME OR RADAR REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LOC ONLY
SEE 8260-10

CAT A, B 1500-2, CAT C, D, E 1500-3
@ CAT A, B 1500-2, CAT C, D, E 1500-3

QUALITY 1 OUTCRED

CITY AND STATE	ELEVATION: 54 TDZE: 54 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 2
KAHULUI, HI	KAHULUI	I-OGG	ILS OR LOC RWY 2, AMDT 24 22 OCT 2009	AMDT: 23A 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.

NOTES CONT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE NOWAK FIX MINIMUMS LOC CAT A AND B VISIBILITY 1/4 MILE, INCREASE CAT E 1/2 MILE.
CHART NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: USE I-OGG DME WHEN ON THE LOCALIZER COURSE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 54 TDZE: 54	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 2
KAHULUI, HI	AIRPORT NAME: KAHULUI	I-OGG	ILS OR LOC RWY 2, AMDT 24 22 OCT 2009	AMDT: 23A
				DATED: 03/15/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME 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
OGG VORTAC	MUNCY/OGG 4.27 DME	022.44 / 4.27	3100
PLUMB INT/OGG 20.87 DME (IAF)	WABIB/OGG 13.00 DME	140.00 / 7.87	3100
WABIB/OGG 13.00 DME CW (IAF)	KRANE/I-OGG 13.14 DME	13.00 DME ARC (OGG LR-014)	3100
NNASH/OGG 13.00 DME CCW (IAF)	OPANA/OGG 13.00 DME (NOPT)	13.00 DME ARC	5500
OPANA/OGG 13.00 DME CCW (IAF)	KRANE/I-OGG 13.14 DME	13.00 DME ARC (OGG LR-033)	3100
KRANE/I-OGG 13.14 DME (IF)	MUNCY/I-OGG 4.41 DME	203.97 / 8.73 (I-OGG)	1500

MISSED APPROACH

MAP: VETAW/I-OGG 0.53 DME

CLIMB TO 6000 VIA OGG VORTAC R-190 AND LNY VORTAC R-090 TO DIPPS INT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 208 SHIP 205706N/1562323W
CHART OGG R-069 AT OPANA.
CHART OGG R-320 AT WABIB.
CHART OGG R-085 AT NNASH.
CHART: OGG 13.00 DME AT KRANE
MUNCY TO RW20: 2.98/75

1. PT L SIDE OF COURSE 023.97 OUTBOUND 3100 FT WITHIN 15 MILES OF MUNCY (IAF)
2.
3. FAC 203.97 FAF MUNCY/I-OGG 4.41 DME DIST FAF TO MAP THLD 4.46
4. MIN. ALT MUNCY 1500
8. MSA FROM: OGG VORTAC 090-180 11300, 180-360 7000, 360-090 3300

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS

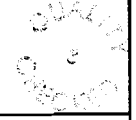
TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | STANDARD @

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-20	460	1	435	460	1	435	460	1 1/4	435	460	1 1/2	435	460	1 1/2	435
CIRCLING	500	1	446	560	1	506	620	1 1/2	566	660	2	606	1400	3	1346

NOTES:

CHART NOTE: DME REQUIRED.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART PROFILE NOTE: USE I-OGG DME WHEN ON LOCALIZER COURSE.

@ CAT E 1400-3
@ NA WHEN CONTROL TOWER CLOSED.



CITY AND STATE	ELEVATION: 54 TDZE: 25	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
KAHULUI, HI	AIRPORT NAME: KAHULUI	I-OGG	LOC/DME BC RWY 20, AMDT 14	AMDT 13A
			22 OCT 2009	DATE 03/15/2007

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME 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.

CITY AND STATE	ELEVATION: 54 TDZE: 25	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
KAHULUI, HI	AIRPORT NAME: KAHULUI	I-OGG	LOC/DME BC RWY 20, AMDT 14 22 OCT 2009	AMDT: 13A
				DATED: 03/15/2007

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 4L, 4R, 11, 22L, 22R, 29 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

NOTE: DME REQUIRED.
RWY 4L - CLIMB HEADING 200.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.
RWY 4R - CLIMB HEADING 200.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.
RWY 11 - CLIMB HEADING 200.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.
RWY 22L - CLIMB HEADING 224.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.
RWY 22R - CLIMB HEADING 224.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.
RWY 29 - CLIMB HEADING 210.00 TO INTERCEPT HNL VORTAC R-241 TO GECKO/HNL 22.37 DME BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

RWY 11, TREE 1533' FROM DER, 831' LEFT OF CENTERLINE, 60' AGL/70' MSL.
RWY 22L, VEHICLES ON ROAD 305' FROM DER, 195' LEFT OF CENTERLINE, 15' AGL/26' MSL.
RWY 29, TREE 1794' FROM DER, 573' LEFT OF CENTERLINE, 60' AGL/99' MSL.

(4) CONTROLLING OBSTACLES:

RWY 4 L/R, 11, 22 L/R, 29: 4140 MSL TOWER, 213024.00N/1580830.00W

QUALITY 1 CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
KAPOLEI, OAHU ISLAND, HI	KALAELOA (JOHN RODGERS FIELD)	22 OCT 2009	ORIG

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
HNL VORTAC	ZEGPI/HNL 15.00 DME	272.90 / 15.00	5300
ZEGPI/HNL 15.00 DME	OSOFE/HNL 22.37 DME	272.90 / 7.37 (HNL R-273)	3000
OSOFE/HNL 22.37 DME CCW (IAF)	TARLE/HNL 22.37 DME	22.37 DME ARC	3000
GECKO/HNL 22.37 DME CW (IAF)	TARLE/HNL 22.37 DME	22.37 DME ARC	3000
TARLE/HNL 22.37 DME (IF)	HPKNS/HNL 13.40 DME	073.95 / 8.97 (HNL R-254)	1700

MISSED APPROACH

MAP: YUDYU/HNL 8.40 DME

CLIMBING RIGHT TURN TO 3000 VIA HEADING 248 AND HNL VORTAC R-241 TO GECKO/HNL 22.37 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 060.99 INBOUND.
CHART FAS OBST: 310 STACK 211812N/1580626W
CHART HNL R-273 AT OSOFE.
CHART HNL R-241 AT GECKO.
HPKNS TO RW04R: 3.06/55
CHART VDP AT 9.89 DME; DISTANCE VDP TO THLD 1.55 NM.
FAC CROSSES RWY C/L EXTENDED 2879 FROM THLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TARLE/HNL 22.37 DME
3. FAC 073.95 FAF HPKNS/HNL 13.40 DME DIST FAF TO MAP ____ THLD 5.04
4. MIN. ALT TARLE 3000, HPKNS 1700
8. MSA FROM: HNL VORTAC 360-180 4400, 180-270 4000, 270-360 5300

MAG VAR: 11E 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-4R	560	1	543	560	1	543	560	1 1/2	543	560	1 3/4	543			
CIRCLING	560	1	530	620	1	590	620	1 1/2	590	620	2	590			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: CIRCLING NA NORTH OF RWYS 11 AND 22R.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GECKO VIA V16 SOUTHEAST BOUND.

CITY AND STATE	ELEVATION: 30 TDZE: 17	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR TACAN RWY 4R
KAPOLEI, OAHU ISLAND, HI	AIRPORT NAME: KALAELOA (JOHN RODGERS FIELD)	HNL	VOR/DME RWY 4R, AMDT 1 22 OCT 2009	AMDT ORIG
				DATE 07/15/1999

FAA FORM 8260-5 / 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
BUSSY INT/OTM 26.02 DME	OOA NDB	082.91 / 16.79	2500
IOW VORTAC	OOA NDB	241.27 / 43.23	2500
OTM VOR/DME	OOA NDB	322.18 / 13.87	2500

MISSED APPROACH

MAP: OOA NDB

CLIMBING RIGHT TURN TO 2500 IN OOA NDB HOLDING PATTERN.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 193.57 INBOUND.
CHART FAS OBST: 1129 TOWER 412104N/0922411W
FAC CROSSES RWY C/L EXTENDED 3072 FROM THLD.

1. PT L SIDE OF COURSE 013.57 OUTBOUND 2500 FT WITHIN 10 MILES OF OOA NDB (IAF)
2.
3. FAC 193.57 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: OOA NDB 3000

MAG VAR: 1E 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-22	1540	1	700	1540	1	700	1540	2	700		NA				
CIRCLING	1540	1	699	1540	1	699	1540	2	699		NA				

NOTES:

CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OTTUMWA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

CITY AND STATE	ELEVATION: 841 TDZE: 840	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	OOA	NDB RWY 22, AMDT 4	AMDT 3A
			22 OCT 2009	DATE 05/07/2009

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
FIKRI (IAF)	NELIY (NOPT) (FB)	223.48 / 5.00	3000
RIKOY (IAF)	NELIY (NOPT) (FB)	043.38 / 5.00	3000
NELIY (IF/IAF)	JADLI (FB)	133.43 / 6.07	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 3000 DIRECT HONPA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 313.67 INBOUND.
CHART FAS OBST: 959 TREE 411504N/0923111W
CHART FAS OBST: 949 TREE 411354N/0923001W
DISTANCE TO THLD FROM 356 HAT: 0.99 NM.
CHART VDP AT 1.12 MILES TO RW13* *LNAV ONLY.
WAAS CHANNEL # 78215
REFERENCE PATH ID: W13A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW NELIY, RT, 133.43 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 133.50 FAF: JADLI DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: NELIY 3000, JADLI 2500, CIPON/3.00 NM TO RW13 1820*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: JADLI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 1E EPOCH YEAR: 2010

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	1193	1 1/4	356	1193	1 1/4	356	1193	1 1/4	356		NA				
LNAV/VNAV DA	1219	1 1/4	382	1219	1 1/4	382	1219	1 1/4	382		NA				
LNAV MDA	1220	1	383	1220	1	383	1220	1	383		NA				
CIRCLING	1260	1	419	1300	1	459	1300	1 1/2	459		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OTTUMWA ALTIMETER SETTING AND INCREASE SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 09/01/2005

NOTES CONT.
ALL DA 18 FEET AND ALL MDA 20 FEET AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OTTUMWA ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	043/30 CW 223/30 (NOPT)	NELIY (IF/IAF) (FB)	3000
2.	223/30 CW 313/30	FIKRI (IAF) (FB)	3000
3.	313/30 CW 043/30	RIKOY (IAF) (FB)	3000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOOA
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	411343.3920N
LTP/FTP LONGITUDE	0922956.4230W
LTP/FTP ELLIPSOIDAL HEIGHT	+02228
FPAP LATITUDE	411240.8400N
FPAP LONGITUDE	0922832.2900W
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	5E5728C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02552
FPAP ORTHOMETRIC HEIGHT	+02552

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIPON K30    W     N41154970W092324652                              NAR          CIPON
        SUSAEAENRT   FIKRI K30    W     N41250465W092354757                              NAR          FIKRI
        SUSAEAENRT   HONPA K30    W     N41052761W092195151                              NAR          HONPA
        SUSAEAENRT   JADLI K30    W     N41171494W092344146                              NAR          JADLI
        SUSAEAENRT   NELIY K30    W     N41213040W092402671                              NAR          NELIY
        SUSAEAENRT   RIKOY K30    W     N41175596W092450534                              NAR          RIKOY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3AOOA     0     040YHN41133400W092293780E001000841         18000C    MNAR    OSKALOOSA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3FR13   AFIKRI 010FIKRIK3EA0E  A    IF                                          18000              A JS
        SUSAP KOOAK3FR13   AFIKRI 020NELIYK3EA0EE   010TF                  22350050    + 03000                       A JS
        SUSAP KOOAK3FR13   ANELIY 010NELIYK3EA0EE AR   HF                  13340040    + 03000     18000             A JS
        SUSAP KOOAK3FR13   ARIKOY 010RIKOYK3EA0E  A    IF                              18000                         A JS
        SUSAP KOOAK3FR13   ARIKOY 020NELIYK3EA0EE   010TF                  04340050    + 03000                       A JS
        SUSAP KOOAK3FR13   R       010NELIYK3EA0E  I    IF                              + 03000     18000             A JS
        SUSAP KOOAK3FR13   R       020JADLIK3EA1E  F 051TF                 13340061    + 02500                       A JS
        SUSAP KOOAK3FR13   R       020JADLIK3EA2WALPV       ALNAV/VNAV ALNAV                                        JS
        SUSAP KOOAK3FR13   R       021CIPONK3EA0E S  031TF                 13350020    V 0182001841        -300      A JS
        SUSAP KOOAK3FR13   R       030RW13 K3PG0GY M 031TF                 13350030      00877             -300      A JS
        SUSAP KOOAK3FR13   R       040HONPAK3EA0EYM  010DF                           + 03000                       A JS
        SUSAP KOOAK3FR13   R       050HONPAK3EA0EE  R020HM                 31370040    + 03000                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3GRW13    0040121336 N41134339W092295643+0000    +022280083700040075R
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CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 1 22 OCT 2009	AMDT: ORIG 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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3PR13   RW13 001 0000W13A0N4113433920W09229564230+022280300N4112408400W0922832290010675152800040 0F4005005E5728C5
        SUSAP KOOAK3PR13   RW13 002E      +02552+02552LPV       78215
```

CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 13, AMDT 1 22 OCT 2009	AMDT: ORIG 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FIKRI	FIKRI	010	IAF	IF		FB				
	FIKRI	NELIY	020		TF		FB	1.0	223.5(225T)	005.0	03000
	NELIY	NELIY	010	IAF	HF	R	FO		133.4(134T)	004.0	03000
	RIKOY	RIKOY	010	IAF	IF		FB				
	RIKOY	NELIY	020		TF		FB	1.0	043.4(044T)	005.0	03000
		NELIY	010	FACF	IF		FB				03000
		JADLI	020	FAF	TF		FB	0.5	133.4(134T)	006.1	02500
		CIPON	021	SDF	TF		FB	0.3	133.5(135T)	002.0	0182001841
		RW13	030	MAP	TF		FO	0.3	133.5(135T)	003.0	00877

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HONPA	040		DF		FO	1.0			03000
	HONPA	050		HM	R	FO	2.0	313.7(315T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIPON	N411549.70	W0923246.52	N4115.828	W09232.775
	FIKRI	N412504.65	W0923547.57	N4125.078	W09235.793
	HONPA	N410527.61	W0921851.51	N4105.460	W09218.859
	JADLI	N411714.94	W0923441.46	N4117.249	W09234.691
	NELIY	N412130.40	W0924026.71	N4121.507	W09240.445
	RIKOY	N411755.96	W0924505.34	N4117.933	W09245.089
	RW13	N411343.39	W0922956.42	N4113.723	W09229.940

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00837	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OSKALOOSA, IA	**ELEVATION: 841 TDZE: 837** AIRPORT NAME: **OSKALOOSA MUNI**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 1** 22 OCT 2009	SUP: AMDT: **ORIG** 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
ZAGBO (IAF)	HONPA (NOPT) (FB)	223.72 / 5.00	3000
HEVRA (IAF)	HONPA (NOPT) (FB)	043.62 / 5.00	3000
HONPA (IF/IAF)	COGRA (FB)	313.67 / 6.07	2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

CLIMB TO 3000 DIRECT NELIY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 133.43 INBOUND.
CHART FAS OBST: 939 TREE 411317N/0922912W
CHART FAS OBST: 944 TREE 411334N/0922905W
DISTANCE TO THLD FROM 350 HAT: 0.98 NM.
CHART VDP AT 1.06 MILES TO RW31* *LNAV ONLY.
WAAS CHANNEL # 82515
REFERENCE PATH ID: W31A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE HONPA, RT, 313.67 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 313.61 FAF: COGRA DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: HONPA 3000, COGRA 2500, HERGA/2.80 NM TO RW31 1760*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: COGRA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: ____

MAG VAR: 1E EPOCH YEAR: 2010

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	1187	1 1/4	350	1187	1 1/4	350	1187	1 1/4	350		NA				
LNAV/VNAV DA	1209	1 1/4	372	1209	1 1/4	372	1209	1 1/4	372		NA				
LNAV MDA	1200	1	363	1200	1	363	1200	1	363		NA				
CIRCLING	1260	1	419	1300	1	459	1300	1 1/2	459		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OTTUMWA ALTIMETER SETTING AND INCREASE ALL DA 18 FEET AND ALL MDA 20 FEET AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 31, AMDT 1 22 OCT 2009	AMDT: ORIG DATED 09/01/2005

NOTES CONT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OTTUMWA ALTIMETER SETTING.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	224/30 CW 044/30 (NOPT)	HONPA (IF/IAF) (FB)	3000
2.	044/30 CW 134/30	HEVRA (IAF) (FB)	3000
3.	134/30 CW 224/30	ZAGBO (IAF) (FB)	3000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOOA
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	411315.5770N
LTP/FTP LONGITUDE	0922919.0120W
LTP/FTP ELLIPSOIDAL HEIGHT	+02223
FPAP LATITUDE	411418.1200N
FPAP LONGITUDE	0923043.1600W
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	96495E6E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02547
FPAP ORTHOMETRIC HEIGHT	+02547

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COGRA K30    W     N41094359W092243429                              NAR          COGRA
        SUSAEAENRT   HERGA K30    W     N41111761W092264046                              NAR          HERGA
        SUSAEAENRT   HEVRA K30    W     N41015404W092233019                              NAR          HEVRA
        SUSAEAENRT   HONPA K30    W     N41052761W092185151                              NAR          HONPA
        SUSAEAENRT   NELIY K30    W     N41213040W092402671                              NAR          NELIY
        SUSAEAENRT   ZAGBO K30    W     N41090099W092141232                              NAR          ZAGBO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3AOOA     0     040YHN41133400W092293780E001000841         1800018000C    MNAR    OSKALOOSA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3FR31   AHEVRA 010HEVPAK3EA0E  A    IF                                          18000               A JS
        SUSAP KOOAK3FR31   AHEVRA 020HONPAK3EA0EE   010TF                    04360050    + 03000                      A JS
        SUSAP KOOAK3FR31   AHONPA 010HONPAK3EA0EE AR   HF                    31370040    + 03000     18000            A JS
        SUSAP KOOAK3FR31   AZAGBO 010ZAGBOK3EA0E  A    IF                                          18000               A JS
        SUSAP KOOAK3FR31   AZAGBO 020HONPAK3EA0EE   010TF                    22370050    + 03000                      A JS
        SUSAP KOOAK3FR31   R      010HONPAK3EA0E  I    IF                                + 03000     18000            A JS
        SUSAP KOOAK3FR31   R      020COGRAK3EA1E  F 051TF                    31370061    + 02500                      A JS
        SUSAP KOOAK3FR31   R      020COGRAK3EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KOOAK3FR31   R      021HERGAK3EA0E S  031TF                    31360022    V 0176001775        -300     A JS
        SUSAP KOOAK3FR31   R      030RW31 K3PG0GY M 031TF                    31360028      00876             -300     A JS
        SUSAP KOOAK3FR31   R      040NELIYK3EA0EYM  010DF                                + 03000                      A JS
        SUSAP KOOAK3FR31   R      050NELIYK3EA0EE  R020HM                    13340040    + 03000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3GRW31    0040123136 N41131558W092291901+0000    +022230083600004007 5R
```

CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 31, AMDT 1 22 OCT 2009	AMDT: ORIG 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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOOAK3PR31   RW31 001 0000W31A0N411315577CW09229190120+022230300N4114181200W0923043160010675152800040 0F40050096495E6E
        SUSAP KOOAK3PR31   RW31 002E      +02547+02547LPV       82515
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CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 31, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 09/01/2005

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEVRA	HEVRA	010	IAF	IF		FB				
	HEVRA	HONPA	020		TF		FB	1.0	043.6(045T)	005.0	03000
	HONPA	HONPA	010	IAF	HF	R	FO		313.7(315T)	004.0	03000
	ZAGBO	ZAGBO	010	IAF	IF		FB				
	ZAGBO	HONPA	020		TF		FB	1.0	223.7(225T)	005.0	03000
		HONPA	010	FACF	IF		FB				03000
		COGRA	020	FAF	TF		FB	0.5	313.7(315T)	006.1	02500
		HERGA	021	SDF	TF		FB	0.3	313.6(315T)	002.2	0176001775
		RW31	030	MAP	TF		FO	0.3	313.6(315T)	002.8	00876

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NELIY	040		DF		FO	1.0			03000
	NELIY	050		HM	R	FO	2.0	133.4(134T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COGRA	N410943.59	W0922434.29	N4109.727	W09224.572
	HERGA	N411117.61	W0922640.46	N4111.294	W09226.674
	HEVRA	N410154.04	W0922330.19	N4101.901	W09223.503
	HONPA	N410527.61	W0921851.51	N4105.460	W09218.859
	NELIY	N413130.40	W0924026.71	N4121.507	W09240.445
	ZAGBO	N410900.99	W0921412.32	N4109.017	W09214.205
	RW31	N411315.58	W0922919.01	N4113.260	W09229.317

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00836	40

CITY AND STATE	ELEVATION: 841 TDZE: 837	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OSKALOOSA, IA	AIRPORT NAME: OSKALOOSA MUNI	RNAV	RNAV (GPS) RWY 31, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 09/01/2005

DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTMENT PROCEDURES (ODP)

Runways, headings, and radials are magnetic. Elevations and obstacles 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. Minimums are in statute miles or feet RVR unless otherwise indicated.

(3) TAKEOFF MINIMUMS:
RWY 13, 22, 31 STANDARD.

(4) TEXTUAL DEPARTURE PROCEDURE:

(5) TAKEOFF OBSTACLE NOTES:
NOTE: RWY 13,TREE 262' FROM DER, 477' LEFT OF CENTERLINE, 100'AGL/939' MSL.
NOTE: RWY 31, WINDSOCK 3' FROM DER, 357' RIGHT OF CENTERLINE, 13' AGL/852' MSL. NAV 39' FROM DER, 168' RIGHT OF CENTERLINE, 5' AGL/839' MSL. TREE 988' FROM DER, 525' RIGHT OF CENTERLINE, 100' AGL/949' MSL. TREE 2056' FROM DER, 609' RIGHT OF CENTERLINE, 59' AGL/890' MSL.

(6) CONTROLLING OBSTACLES:

(1) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
OSKALOOSA, IA	OSKALOOSA MUNI	22 OCT 2009	ORIG

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
OOM VORTAC	NITTE/OOM 5.18 DME	174.89 / 5.18	3000
OPMUC/OOM 12.00 DME CCW (IAF)	JEPBU/OOM 12.00 DME (NOPT)	12.00 DME ARC (OOM LR-184)	3000
JEPBU/OOM 12.00 DME (IF)	NITTE/OOM 5.18 DME	353.66 / 6.82 (I-BMG)	2500

MISSED APPROACH

ILS: DA
LOC: 4.99 MILES AFTER NITTE

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 DIRECT OOM VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING RIGHT TURN 6000 VIA HEADING 070 AND SHB VORTAC R-231 TO MOUTH INT/26.13 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000, HOLD NE, RT, 230.64 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 003.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NE MOUTH INT/26.13 DME, RT, 230.64 INBOUND.
CHART OOM R-264 AT OPMUC.
CHART IN PLANVIEW: MOUTH INT/26.13 DME.
FAS OBST: 1168 AAO 390627N/0863618W.
CHART FIELD ELEVATION 846.
CHART TDZE 844.

1. PT R SIDE OF COURSE 173.66 OUTBOUND 2500 FT WITHIN 10 MILES OF NITTE (IAF)
2.
3. FAC: 353.66 FAF: NITTE/OOM 5.18 DME DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: NITTE/OOM 5.18 DME 2500
5. DIST TO THLD FROM OM: 5.09 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 965
6. MIN GS INCPT: 2500 GS ALT AT: NITTE/OOM 5.18 DME 2500 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.3
8. MSA FROM: OOM VORTAC 040-140 3100, 140-040 2400

MAG VAR: 2W 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
S-ILS 35	1044	1/2	200	1044	1/2	200	1044	1/2	200	1044	1/2	200			
S-LOC 35	1420	1/2	576	1420	1/2	576	1420	1	576	1420	1 1/4	576			
CIRCLING	1420	1	574	1420	1	574	1420	1 1/2	574	1420	2	574			

NOTES:
CHART PLANVIEW NOTE: DME REQUIRED.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING AND INCREASE ALL DA 121 FEET AND ALL MDA 140 FEET AND INCREASE S-ILS 35 ALL CATS
VISIBILITY 1/4 MILE, S-LOC 35 CAT C, D AND CIRCLING CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT D
SEE 8260-10

CITY AND STATE	ELEVATION: 846 TDZE: 844	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 35
BLOOMINGTON, IN	AIRPORT NAME: MONROE COUNTY	I-BMG	ILS OR LOC/DME RWY 35, AMDT 6 22 OCT 2009	AMDT: 5B DATED 12/05/2005

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING:
INCREASE S-ILS 35 ALL CATS VISIBILITY TO 1 1/4 MILES.
CHART NOTE: DME FROM OOM VORTAC. SIMULTANEOUS RECEPTION OF I-BMG AND OOM DME REQUIRED.

CITY AND STATE	ELEVATION: 846 TDZE: 844	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 35
BLOOMINGTON, IN	AIRPORT NAME: MONROE COUNTY	I-BMG	ILS OR LOC/DME RWY 35, AMDT 6 22 OCT 2009	AMDT: 5B
				DATED: 12/05/2005

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
OOM VORTAC	QUARK/OOM 5.50 DME	238.06 / 5.50	3000

MISSED APPROACH

MAP: MESSY/OOM 0.54 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT OOM VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 058.00 INBOUND.
CHART FAS OBST: 1032 TREE 390745N/0863725W
CHART 1131 TOWER 390531N/0864158W
QUARK TO RW06: 3.09/37.
CHART FIELD ELEVATION 846.
FAC CROSSES RWY C/L EXTENDED 2569 FROM THLD.

1. PT L SIDE OF COURSE 238.06 OUTBOUND 3000 FT WITHIN 10 MILES OF QUARK (IAF)
2.
3. FAC 058.06 FAF QUARK/OOM 5.50 DME DIST FAF TO MAP THLD 4.97
4. MIN. ALT QUARK/OOM 5.50 DME 2500
5. MSA FROM: OOM VORTAC 040-140 3100, 140-040 2400

MAG VAR: 2W 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-6	1300	1	460	1300	1	460	1300	1 1/4	460	1300	1 1/2	460			
CIRCLING	1380	1	534	1400	1	554	1400	1 1/2	554	1400	2	554			

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 TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND S-6 CAT C, D AND CIRCLING CAT D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/2 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 846 TDZE: 840	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR RWY 6
BLOOMINGTON, IN	AIRPORT NAME: MONROE COUNTY	OOM	VOR/DME RWY 6, AMDT 18 22 OCT 2009	AMDT 17
				DATE 09/06/2001

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

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
OOM VORTAC	TITLE/OOM 5.00 DME	065.94 / 5.00	3000

MISSED APPROACH

MAP: OOM VORTAC

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT OOM VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 246.00 INBOUND.
CHART FAS OBST: 1111 TOWER 391025N/0863315W
TITLE TO RW24: 3.06/40.
CHART FIELD ELEVATION 846.
FAC 456R OF RWY C/L EXTENDED 3000 FROM THLD.

1. PT L SIDE OF COURSE 065.94 OUTBOUND 3000 FT WITHIN 10 MILES OF TITLE (IAF)
2.
3. FAC 245.94 FAF TITLE/OOM 5.00 DME DIST FAF TO MAP THLD 4.99
4. MIN. ALT TITLE/OOM 5.00 DME 2500
8. MSA FROM: OOM VORTAC 040-140 3100, 140-040 2400

MAG VAR: 2W 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-24	1420	1	579	1420	1	579	1420	1 1/2	579	1420	1 3/4	579			
CIRCLING	1420	1	574	1420	1	574	1420	1 1/2	574	1420	2	574			

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 TERRE HAUTE INTL-HULMAN FIELD ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND S-24 CAT C, D AND CIRCLING CAT C VISIBILITY 1/2 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 846 TDZE: 841 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR RWY 24
BLOOMINGTON, IN	MONROE COUNTY	OOM	VOR/DME RWY 24, AMDT 12 22 OCT 2009	AMDT 11A DATE 06/05/2008

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
OBSEW/I-PBX 13.16 DME/RADAR (IF/IAF)	PEAIR/I-PBX 6.90 DME	272.93 / 6.26 (I-PBX)	3700

MISSED APPROACH

ILS: DA
LOC: I-PBX 0.16 DME FIX

CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 4000 DIRECT AZQ VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ECB VORTAC AND HOLD S, RT, 345.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S ECB VORTAC, RT, 345.00 INBOUND.
CHART FAS OBST: 1819 TREE 373401N/0823055W
CHART IN PLANVIEW: ECB VORTAC.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OBSEW
3. FAC: 272.93 FAF: PEAIR/I-PBX 6.90 DME DIST FAF TO MAP: ____ THLD: 6.74
4. MIN. ALT: OBSEW 4500, PEAIR 3700
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 960
6. MIN GS INCPT: 3700 GS ALT AT: PEAIR/I-PBX 6.90 DME 3700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 47.2
8. MSA FROM:

MAG VAR: 6W 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
S-ILS 27	1666	1	200	1666	1	200	1666	1	200		NA				
S-LOC 27	2120	1	654	2120	1	654	2120	1 3/4	654		NA				
CIRCLING	2120	1	647	2120	1	647	2160	2	687		NA				

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON ALTIMETER SETTING AND INCREASE S-ILS 27 DA TO 1762 AND ALL MDA 100 FEET; INCREASE S-LOC 27 VISIBILITY CAT B 1/4 MILE AND CAT C 1/2 MILE; INCREASE CIRCLING VISIBILITY CAT B AND C 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PIKEVILLE, KY	ELEVATION: 1473 TDZE: 1466 AIRPORT NAME: PIKE CO.-HATCHER FIELD	I-PBX	ILS OR LOC/DME RWY 27, AMDT 1 22 OCT 2009	SUP: ILS RWY 27 AMDT: ORIG DATED 02/22/2001

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
ALHOS (IAF)	CILOM (NOPT) (FB)	002.78 / 5.00	4500
EDTUF (IAF)	CILOM (NOPT) (FB)	182.78 / 5.00	4500
CILOM (IF/IAF)	GYMUS (FB)	092.78 / 6.32	3200

MISSED APPROACH

LNAV: RW09

CLIMB TO 4500 DIRECT OBSEW AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 273.10 INBOUND.
CHART FAS OBST: 1639 TREE 373328N/0823556W
CHART 1779 TREE 373323N/0823940W.
GYMUS TO RW09: 3.04/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD W CILOM, RT, 092.78 INBOUND, 4500 FT. IN LIEU OF PT (IAF)**
3. FAC: **092.86** FAF: **GYMUS** DIST FAF TO MAP: **5.29** THLD: **5.29**
4. MIN. ALT: **CILOM 4500, GYMUS 3200, JOSEV/2.70 NM TO RW09 2360**
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: **6W** 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	**1960**	**1**	**506**	**1960**	**1**	**506**	**1960**	**1 1/2**	**506**		**NA**				
CIRCLING	**2000**	**1**	**527**	**2080**	**1**	**607**	**2160**	**2**	**687**		**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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND ALL CAT C VISIBILITY 1/4 MILE.

QUALITY

CITY AND STATE	ELEVATION: 1473 TDZE: 1454 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	**PIKE CO.-HATCHER FIELD**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 22 OCT 2009	AMDT: **ORIG** DATED **08/10/2000**

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.	003/30 CW 048/30 (NOPT)	003/15 CW 048/15	5600
2.	003/15 CW 048/15	CILOM (IF/IAF) (FB)	4500
	048/30 CW 183/30 (NOPT)	CILOM (IF/IAF) (FB)	4500
3.	183/30 CW 273/30	EDTUF (IAF) (FB)	4600
4.	273/30 CW 003/30	273/10 CW 003/10	5600
5.	273/10 CW 003/10	ALHOS (IAF) (FB)	4500

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1473 TDZE: 1454	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 9, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 08/10/2000

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 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ALHOS K50    W     N37275922W082485444                              NAR           ALHOS
        SUSAEAENRT   CILOM K50    W     N37325911W082491561                              NAR           CILOM
        SUSAEAENRT   EDTUF K50    W     N37375899W082493682                              NAR           EDTUF
        SUSAEAENRT   GYMUS K50    W     N37332014W082411967                              NAR           GYMUS
        SUSAEAENRT   JOSEV K50    W     N37332861W082380452                              NAR           JOSEV
        SUSAEAENRT   OBSEW K50    C     N37342050W082172368                              NAR           OBSEW

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5APBX     0     053YHN37334235W082335900W006001473        1800018000C    MNAR    PIKE CO.-HATCHER FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5FR09   AALHOS 010ALHOSK5EA0E  A    IF                                                18000                B JS
        SUSAP KPBXK5FR09   AALHOS 020CILOMK5EA0EE   010TF                    00280050    + 04500                                B JS
        SUSAP KPBXK5FR09   ACILOM 010CILOMK5EA0EE AR   HF                    09280050    + 04500     18000                      B JS
        SUSAP KPBXK5FR09   AEDTUF 010EDTUFK5EA0E  A    IF                                        18000                      B JS
        SUSAP KPBXK5FR09   AEDTUF 020CILOMK5EA0EE   010TF                    18280050    + 04500                                B JS
        SUSAP KPBXK5FR09   R      010CILOMK5EA0E  I    IF                                 + 04500     18000                      B JS
        SUSAP KPBXK5FR09   R      020GYMUSK5EA1E  F 051TF                    09280063    + 03200                                B JS
        SUSAP KPBXK5FR09   R      020GYMUSK5EA2WN          N          ALNAV                                                     JS
        SUSAP KPBXK5FR09   R      021JOSEVK5EA0E S  031TF                    09290026    V 0236002376        -304               B JS
        SUSAP KPBXK5FR09   R      030RW09 K5PG0GY M 031TF                    09290027      01490             -304               B JS
        SUSAP KPBXK5FR09   R      040OBSEWK5EA0EYM  010DF                               + 04500                                B JS
        SUSAP KPBXK5FR09   R      050OBSEWK5EA0EE  R020HM                    27310050    + 04500                                B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5GRW09    0053500929 N37333735W082344108+0300    +04103014510350401OOR
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1473 TDZE: 1454	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 9, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 08/10/2000

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ALHOS	ALHOS	010	IAF	IF		FB				
	ALHOS	CILOM	020		TF		FB	1.0	002.8(357T)	005.0	04500
	CILOM	CILOM	010	IAF	HF	R	FO		092.8(087T)	005.0	04500
	EDTUF	EDTUF	010	IAF	IF		FB				
	EDTUF	CILOM	020		TF		FB	1.0	182.8(177T)	005.0	04500
		CILOM	010	FACF	IF		FB				04500
		GYMUS	020	FAF	TF		FB	0.5	092.8(087T)	006.3	03200
		JOSEV	021	SDF	TF		FB	0.3	092.9(087T)	002.6	0236002376
		RW09	030	MAP	TF		FO	0.3	092.9(087T)	002.7	01490
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		OBSEW	040		DF		FO	1.0			04500
		OBSEW	050		HM	R	FO	2.0	273.1(267T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALHOS	N372759.22	W0824854.44	N3727.987	W08248.907
	CILOM	N373259.11	W0824915.61	N3732.985	W08249.260
	EDTUF	N373758.99	W0824936.82	N3737.983	W08249.614
	GYMUS	N373320.14	W0824119.67	N3733.336	W08241.328
	JOSEV	N373328.61	W0823804.52	N3733.477	W08238.075
	OBSEW	N373420.50	W0821723.68	N3734.342	W08217.395
	RW09	N373337.35	W0823441.08	N3733.623	W08234.685

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01451	40

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PIKEVILLE, KY	**ELEVATION: 1473 TDZE: 1454** AIRPORT NAME: **PIKE CO.-HATCHER FIELD**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** 22 OCT 2009	SUP: AMDT: **ORIG** DATED: **08/10/2000**

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
COTFA (IAF)	OBSEW (NOPT) (FB)	003.10 / 5.00	4500
ENZOB (IAF)	OBSEW (NOPT) (FB)	183.10 / 5.00	4500
OBSEW (IF/IAF)	PEAIR (FB)	273.10 / 6.26	3700

MISSED APPROACH

LNAV: RW27

CLIMB TO 4500 DIRECT CILOM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 092.78 INBOUND.
CHART FAS OBST: 1819 TREE 373401N/0823055W
PEAIR TO RW27: 3.06/47.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E OBSEW, RT, 273.10 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
3. FAC: 273.02 FAF: PEAIR DIST FAF TO MAP: 6.74 THLD: 6.74
4. MIN. ALT: OBSEW 4500, PEAIR 3700
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: 6W 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	2120	1	654	2120	1	654	2120	1 3/4	654		NA				
CIRCLING	2120	1	647	2120	1	647	2160	2	687		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 JACKSON ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CAT B 1/4 MILE, AND CAT C 1/2 MILE, AND CIRCLING VISIBILITY CAT B AND C 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1473 TDZE: 1466	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 08/10/2000

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.	183/30 CW 003/30 (NOPT)	183/15 CW 003/15	4700
2.	183/15 CW 003/15	OBSEW (IF/IAF) (FB)	4500
3.	003/30 CW 093/30	003/8 CW 093/8	4900
4.	003/8 CW 093/8	COTFA (IAF) (FB)	4500
5.	093/30 CW 183/30	ENZOB (IAF) (FB)	4500

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1473 TDZE: 1466	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 08/10/2000

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 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CILOM K50    W     N37325911W082491561                                NAR           CILOM
        SUSAEAENRT   COTFA K50    W     N37292053W082170461                                NAR           COTFA
        SUSAEAENRT   ENZOB K50    W     N37392047W082174279                                NAR           ENZOB
        SUSAEAENRT   OBSEW K50    C     N37342050W082172368                                NAR           OBSEW
        SUSAEAENRT   PEAIR K50    C     N37340121W082251514                                NAR           PEAIR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5APBX     0     053YHN37334235W082335900W006001473         1800018000C    MNAR    PIKE CO.-HATCHER FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5FR27   ACOTFA 010COTFAK5EA0E  A    IF                                                  18000                B JS
        SUSAP KPBXK5FR27   ACOTFA 020OBSEWK5EA0EE   010TF                      00310050    + 04500                                B JS
        SUSAP KPBXK5FR27   AENZOB 010ENZOBK5EA0E  A    IF                                                  18000                B JS
        SUSAP KPBXK5FR27   AENZOB 020OBSEWK5EA0EE   010TF                      18310050    + 04500                                B JS
        SUSAP KPBXK5FR27   AOBSEW 010OBSEWK5EA0EE AR   HF                       27310050    + 04500     18000                      B JS
        SUSAP KPBXK5FR27   R      010OBSEWK5EA0E  I    IF                                 + 04500     18000                      B JS
        SUSAP KPBXK5FR27   R      020PEAIRK5EA1E  F 051TF                      27310063    + 03700                                B JS
        SUSAP KPBXK5FR27   R      020PEAIRK5EA2WN          N          ALNAV                                                       JS
        SUSAP KPBXK5FR27   R      030RW27 K5PG0GY M 031TF                      27300067      01512             -306               B JS
        SUSAP KPBXK5FR27   R      040CILOMK5EA0EYM  010DF                                  + 04500                                B JS
        SUSAP KPBXK5FR27   R      050CILOMK5EA0EE  R020HM                      09280050    + 04500                                B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPBXK5GRW27    0053502729 N37333981W082334341-0300    +04146014650350471001
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1473 TDZE: 1466	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PIKEVILLE, KY	AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 08/10/2000

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COTFA	COTFA	010	IAF	IF		FB				
	COTFA	OBSEW	020		TF		FB	1.0	003.1(357T)	005.0	04500
	ENZOB	ENZOB	010	IAF	IF		FB				
	ENZOB	OBSEW	020		TF		FB	1.0	183.1(177T)	005.0	04500
	OBSEW	OBSEW	010	IAF	HF	R	FO		273.1(267T)	005.0	04500
		OBSEW	010	FACF	IF		FB				04500
		PEAIR	020	FAF	TF		FB	0.5	273.1(267T)	006.3	03700
		RW27	030	MAP	TF		FO	0.3	273.0(267T)	006.7	01512

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CILOM	040		DF		FO	1.0			04500
	CILOM	050		HM	R	FO	2.0	092.8(087T)	005.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CILOM	N373259.11	W0824915.61	N3732.985	W08249.260
	COTFA	N372920.53	W0821704.61	N3729.342	W08217.077
	ENZOB	N373920.47	W0821742.79	N3739.341	W08217.713
	OBSEW	N373420.50	W0821723.68	N3734.342	W08217.395
	PEAIR	N373401.21	W0822515.14	N3734.020	W08225.252
	RW27	N373339.81	W0823343.41	N3733.664	W08233.724

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01465	47

QUALITY CHECKED 1

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PIKEVILLE, KY	ELEVATION: 1473 TDZE: 1466 AIRPORT NAME: PIKE CO.-HATCHER FIELD	RNAV	RNAV (GPS) RWY 27, AMDT 1 22 OCT 2009	SUP: AMDT: ORIG DATED: 08/10/2000

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
PSI VORTAC	ERNST/PSI VORTAC 9.63 DME/RADAR	104.73 / 9.63	2700
SVM VORTAC	ERNST/PSI VORTAC 9.63 DME/RADAR	040.97 / 19.74	2700

MISSED APPROACH

MAP: 3.25 MILES AFTER ERNST/PSI VORTAC 9.63 DME/RADAR OR AT PSI VORTAC 6.52 DME FIX

CLIMBING LEFT TURN TO 3000 DIRECT SVM VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMBING RIGHT TURN TO 3000 DIRECT PSI VORTAC AND HOLD NW, RT, 124.00 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 180.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NW PSI VORTAC, RT, 124.00 INBOUND.
FAS OBST: 1168 AAO 424000N/0831959W
1199 AAO 424027N/0831914W
CHART IN PLANVIEW: PSI VORTAC.
ERNST TO RW27L: 3.02/47.

1. PT R SIDE OF COURSE 091.67 OUTBOUND 2500 FT WITHIN 10 MILES OF ERNST (IAF)
2.
3. FAC 271.67 FAF ERNST/PSI VORTAC 9.63 DME/RADAR DIST FAF TO MAP 3.25 THLD 4.00
4. MIN. ALT ERNST 2300
8. MSA FROM: PSI VORTAC 2900

MAG VAR: 4W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-27L	1420	1	446	1420	1	446	1420	1 1/4	446	1420	1 1/2	446			
CIRCLING	1500	1	520	1520	1	540	1560	1 1/2	580	1640	2	660			

NOTES:

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: DISREGARD GS INDICATIONS.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLEMAN A. YOUNG MUNI ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-27L CAT C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C/D VISIBILITY 1/2 MILE.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 980 TDZE: 974	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	I-PTK	LOC BC RWY 27L, AMDT 1 22 OCT 2009	AMDT ORIG-B
				DATE 02/10/2003

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
FNT VORTAC	HASRI (FB)	174.54 / 13.80	3000
SVM VORTAC	IMAXY (FB)	341.64 / 10.67	3000
HASRI (IAF)	EDESE (NOPT) (FB)	181.48 / 5.00	3000
IMAXY (IAF)	EDESE (NOPT) (FB)	001.48 / 5.00	3000
EDESE (IF/IAF)	CEVRA (FB)	091.48 / 6.21	2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09R

CLIMB TO 3000 DIRECT GUZVY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W EDESE, RT, 091.48 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 091.57 FAF: CEVRA DIST FAF TO MAP: 5.15 THLD: 5.15
4. MIN. ALT: EDESE 3000, CEVRA 2700, AZIBY/2.90 NM TO RW09R 1960*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: CEVRA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4 34:1 IS NOT CLEAR
8. MSA FROM: RW09R 2900

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 271.84 INBOUND.
CHART FAS OBST: 1071 TREE 423939N/0832626W
CHART FAS OBST: 1189 TREE 424037N/0832719W
CHART 1189 TREE 424026N/0833017W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.24 MILES TO RW09R* *LNAV ONLY.
WAAS CHANNEL # 90415
REFERENCE PATH ID: W09A

MAG VAR: 4W 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	1180	2400	200	1180	2400	200	1180	2400	200	1180	2400	200			
LNAV/VNAV DA	1579	1 1/2	599	1579	1 1/2	599	1579	1 1/2	599	1579	1 1/2	599			
LNAV MDA	1420	4000	440	1420	4000	440	1420	4000	440	1420	5000	440			
CIRCLING	1500	1	520	1520	1	540	1560	1 1/2	580	1640	2	660			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
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

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 980 TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	RNAV	RNAV (GPS) RWY 9R, ORIG 22 OCT 2009	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.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FNT VORTAC VIA V353 NORTHEAST BOUND, AND FOR ARRIVALS ON SVM VORTAC VIA AIRWAY RADIALS 294 CW 349.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLEMAN A. YOUNG MUNI ALTIMETER SETTING AND INCREASE ALL DA 105 FEET AND ALL MDA 120 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 2 MILES, INCREASE LNAV CAT C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000, AND CIRCLING CAT C/D VISIBILITY 1/2 MILE.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CATS A/B VISIBILITY TO RVR 5000.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING COLEMAN A. YOUNG MUNI ALTIMETER SETTING; INCREASE LPV ALL CATS, AND LNAV CATS A/B VISIBILITY TO RVR 5000.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING COLEMAN A. YOUNG MUNI ALTIMETER SETTING.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 980 TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	RNAV	RNAV (GPS) RWY 9R, ORIG 22 OCT 2009	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	KPTK
RUNWAY	RW09R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	423952.6155N
LTP/FTP LONGITUDE	0832603.5330W
LTP/FTP ELLIPSOIDAL HEIGHT	+02646
FPAP LATITUDE	423955.4800N
FPAP LONGITUDE	0832428.8800W
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	0168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	67DF364B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02986
FPAP ORTHOMETRIC HEIGHT	+02986

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 980 TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	RNAV	RNAV (GPS) RWY 9R, ORIG 22 OCT 2009	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 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FNT   K5011690VTHW N42580038W083444908    N42580038W083444908W00600077722     NARFLINT
        SUSAD        SVM   K5011430VTL  N42243193W083353908    N42243193W083353908W00300095O1      NARSALEM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AZIBY K50    W     N42394542W083295916                                NAR          AZIBY
        SUSAEAENRT   CEVRA K50    W     N42393972W083330234                                NAR          CEVRA
        SUSAEAENRT   EDESE K50    W     N42392363W083412648                                NAR          EDESE
        SUSAEAENRT   GUZVY K50    W     N42402135W083093428                                NAR          GUZVY
        SUSAEAENRT   HASRI K50    W     N42442343W083414438                                NAR          HASRI
        SUSAEAENRT   IMAXY K50    W     N42342383W083410863                                NAR          IMAXY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPTKK5APTK     0     065YHN4239S628W083251049W004000980          1800018000C    MNAR    OAKLAND COUNTY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPTKK5FR09R  AEDESE 010EDESEK5EA0EE  R   HF                    09150040    + 03000     18000                A JS
        SUSAP KPTKK5FR09R  AFNT   010FNT  K5D 0V       IF                                          18000                A JS
        SUSAP KPTKK5FR09R  AFNT   020HASRIK5EA0E  A 020TF                    17450138    + 03000                          A JS
        SUSAP KPTKK5FR09R  AFNT   030EDESEK5EA0EE   010TF                    18150050    + 03000                          A JS
        SUSAP KPTKK5FR09R  ASVM   010SVM  K5D 0V       IF                                          18000                A JS
        SUSAP KPTKK5FR09R  ASVM   020IMAXYK5EA0E  A 020TF                    34160107    + 03000                          A JS
        SUSAP KPTKK5FR09R  ASVM   030EDESEK5EA0EE   010TF                    00150050    + 03000                          A JS
        SUSAP KPTKK5FR09R  R      010EDESEK5EA0E  I    IF                                 + 03000     18000                A JS
        SUSAP KPTKK5FR09R  R      020CEVRAK5EA1E  F 051TF                    09150062    + 02700                RW09R K5PGA JS
        SUSAP KPTKK5FR09R  R      020CEVRAK5EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KPTKK5FR09R  R      021AZIBYK5EA0E S  031TF                    09160023    V 0196001967        -300         A JS
        SUSAP KPTKK5FR09R  R      030RW09RK5PG0GY M 031TF                    09160029      01035             -300         A JS
        SUSAP KPTKK5FR09R  R      040GUZVYK5EA0EYM  010DF                                 + 03000                          A JS
        SUSAP KPTKK5FR09R  R      050GUZVYK5EA0EE  R020HM                    27180040    + 03000                          A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 980 TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	RNAV	RNAV (GPS) RWY 9R, ORIG 22 OCT 2009	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 KPTKK5GRW09R    0065200917 N42395262W083260353-0100     +0264600980000055150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KPTKK5PR09R  RW09R001 0000W09A0N4239526155W08326035330+026460300N4239554800W083242888001067501680000554F40035067DF364B
        SUSAP KPTKK5PR09R  RW09R002E      +02986+02986LPV       90415

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KPTKK5SRW09RK5PG               0   18018002925                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 980 TDZE: 980	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	RNAV	RNAV (GPS) RWY 9R, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EDESE	EDESE	010	IAF	HF	R	FO		091.5(088T)	004.0	03000
	FNT	FNT	010		IF		FB				
	FNT	HASRI	020	IAF	TF		FB	2.0	174.5(171T)	013.8	03000
	FNT	EDESE	030		TF		FB	1.0	181.5(178T)	005.0	03000
	SVM	SVM	010		IF		FB				
	SVM	IMAXY	020	IAF	TF		FB	2.0	341.6(338T)	010.7	03000
	SVM	EDESE	030		TF		FB	1.0	001.5(358T)	005.0	03000
		EDESE	010	FACF	IF		FB				03000
		CEVRA	020	FAF	TF		FB	0.5	091.5(088T)	006.2	02700
		AZIBY	021	SDF	TF		FB	0.3	091.6(088T)	002.3	0196001967
		RW09R	030	MAP	TF		FO	0.3	091.6(088T)	002.9	01035

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GUZVY	040		DF		FO	1.0			03000
	GUZVY	050		HM	R	FO	2.0	271.8(268T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FNT	N425800.38	W0834449.08	N4258.006	W08344.818
	SVM	N422431.93	W0833539.08	N4224.532	W08335.651
	AZIBY	N423945.42	W0832959.16	N4239.757	W08329.986
	CEVRA	N423939.72	W0833302.34	N4239.662	W08333.039
	EDESE	N423923.63	W0834126.48	N4239.394	W08341.441
	GUZVY	N424021.35	W0830934.28	N4240.356	W08309.571
	HASRI	N424423.43	W0834144.38	N4244.391	W08341.740
	IMAXY	N423423.83	W0834108.63	N4234.397	W08341.144
	RW09R	N423952.62	W0832603.53	N4239.877	W08326.059

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09R	00980	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PONTIAC, MI	**ELEVATION: 980 TDZE: 980** AIRPORT NAME: **OAKLAND COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 9R, ORIG** 22 OCT 2009	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 17, 35 NA – ENVIRONMENTAL.
RWY 09L, 09R, 27L, 27R STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09L, HANGARS BEGINNING 203' FROM DER, 511' LEFT OF CENTERLINE, UP TO 30' AGL/1000' MSL.
NOTE: RWY 09R, MULTIPLE TREES BEGINNING 1382' FROM DER, 647' LEFT OF CENTERLINE, UP TO 41' AGL/1011' MSL. ANT ON HANGAR 870' FROM DER, 732' RIGHT OF CENTERLINE, 36' AGL/1006' MSL.
NOTE: RWY 27L, TREES 452' FROM DER, 331' RIGHT OF CENTERLINE, 23' AGL/1002' MSL. VEHICLE ON ROAD 388' FROM DER, 15' RIGHT OF CENTERLINE, 15' AGL/992' MSL. MULTIPLE TREES BEGINNING 449' FROM DER, 60' LEFT OF CENTERLINE, UP TO 76' AGL/1046' MSL.
NOTE: RWY 27R, MULTIPLE TREES BEGINNING 451' FROM DER, 2' RIGHT OF CENTERLINE, UP TO 62' AGL/1041' MSL. VEHICLE ON ROAD 416' FROM DER, 24' RIGHT OF CENTERLINE, 15' AGL/992' MSL. MULTIPLE TREES BEGINNING 387' FROM DER, 19' LEFT OF CENTERLINE, UP TO 36' AGL/1015' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PONTIAC, MI	OAKLAND COUNTY INTL	22 OCT 2009	5

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

MISSED APPROACH

MAP: 4.87 MILES AFTER PSI VORTAC OR AT 4.87 DME FIX

CLIMBING RIGHT TURN TO 3000 DIRECT SVM VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 180.00 INBOUND.
FAS OBST: 1339 AAO 424051N/0833105W
1359 AAO 424206N/0833150W
PSI VORTAC TO RW09R: 3.05/45.

1. PT **L** SIDE OF COURSE **275.00** OUTBOUND **2700** FT WITHIN **10** MILES OF **PSI VORTAC** (IAF)
2.
3. FAC **119.48** FAF **PSI VORTAC** DIST FAF TO MAP **4.87** THLD **4.87**
4. MIN. ALT **PSI VORTAC 2600**
8. MSA FROM: **PSI VORTAC 2900**

MAG VAR: **3W** 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-9R	1600	5000	620	1600	5000	620	1600	1 3/4	620	1600	2	620			
CIRCLING	1600	1	620	1600	1	620	1600	1 3/4	620	1640	2	660			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLEMAN A. YOUNG MUNI ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-9R CAT C/D AND CIRCLING CAT C VISIBILITY 1/4 MILE AND
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PONTIAC, MI	**ELEVATION: 980 TDZE: 980** AIRPORT NAME: **OAKLAND COUNTY INTL**	**PSI**	**VOR RWY 9R, AMDT 24** 22 OCT 2009	SUP **VOR OR GPS RWY 9R** AMDT **23A** DATE **11/09/1999**

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

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
CIRCLING CAT D VISIBILITY 1/2 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY, WHEN USING COLEMAN A. YOUNG MUNI ALTIMETER SETTING.

QUALITY CHECKED 2

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PONTIAC, MI	ELEVATION: 980 TDZE: 980 AIRPORT NAME: OAKLAND COUNTY INTL	PSI	VOR RWY 9R, AMDT 24 22 OCT 2009	SUP: VOR OR GPS RWY 9R AMDT: 23A DATED: 11/09/1999

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PSI VORTAC	KEEGO INT/9.97 DME	114.38 / 9.97	2600

MISSED APPROACH

MAP: 4.14 MILES AFTER KEEGO INT/9.97 DME OR AT 5.83 DME FIX

CLIMBING LEFT TURN TO 3000 DIRECT SVM VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 180.00 INBOUND.
FAS OBST: 1209 AAO 423844N/0831931W
CHART 1241 TOWER 423841N/0831752W
KEEGO TO RW27L: 3.15/47.

1. PT L SIDE OF COURSE 114.38 OUTBOUND 2600 FT WITHIN 10 MILES OF KEEGO (IAF)
2.
3. FAC 294.38 FAF KEEGO INT/9.97 DME DIST FAF TO MAP 4.14 THLD 4.14
4. MIN. ALT KEEGO 2400
8. MSA FROM: PSI VORTAC 2900

MAG VAR: 3W 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-27L	1460	1	486	1460	1	486	1460	1 1/4	486	1460	1 1/2	486			
CIRCLING	1500	1	520	1520	1	540	1560	1 1/2	580	1640	2	660			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLEMAN A. YOUNG MUNI ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE S-27L CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/2.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 980 TDZE: 974	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY 27L
PONTIAC, MI	AIRPORT NAME: OAKLAND COUNTY INTL	PSI	VOR RWY 27L, AMDT 15 22 OCT 2009	AMDT 14B
				DATE 11/22/1999

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
HITAL (IAF)	JENOT (FB)	065.81 / 5.16	3000
CATGA (IAF)	JENOT (FB)	249.71 / 6.89	3000
JENOT (IF)	FATPA (FB)	155.89 / 6.04	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 3000 DIRECT CAKRU AND RIGHT TURN VIA TRACK 208.15 TO PINES AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 023.30 INBOUND.
CHART FAS OBST: 954 TANK 461547N/0842805W
DISTANCE TO THLD FROM 269 HAT: 0.66 NM.
CHART VDP AT 1.14 MILES TO RW16* *LNAV ONLY.
WAAS CHANNEL # 69215
REFERENCE PATH ID: W16A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JENOT
3. FAC: 155.94 FAF: FATPA DIST FAF TO MAP: 5.39 THLD: 5.39
4. MIN. ALT: JENOT 3000, FATPA 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: FATPA OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.9 34:1 IS CLEAR
8. MSA FROM: RW16 4000

MAG VAR: 6W 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	1068	1/2	269	1068	1/2	269	1068	1/2	269	1068	1/2	269			
LNAV/VNAV DA	1204	1	405	1204	1	405	1204	1	405	1204	1	405			
LNAV MDA	1220	1/2	421	1220	1/2	421	1220	3/4	421	1220	1	421			
CIRCLING	1260	1	460	1260	1	460	1260	1 1/2	460	1360	2	560			

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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET.
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 800 TDZE: 799	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 16, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 03/20/2003

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: BARO-VNAV AND VDP NA WHEN USING SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS AND LNAV CATS A/B/C 1/2 MILE; INCREASE LNAV CAT D 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING, INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS AND LNAV ALL CATS 1/2 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT HITAL VIA V316 WEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CATGA VIA V300 SOUTHEAST BOUND.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	**ELEVATION: 800 TDZE: 799** AIRPORT NAME: **CHIPPEWA COUNTY INTL**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** 22 OCT 2009	AMDT: **ORIG** DATED: **03/20/2003**

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCIU
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	461522.8700N
LTP/FTP LONGITUDE	0842841.1455W
LTP/FTP ELLIPSOIDAL HEIGHT	+02072
FPAP LATITUDE	461340.1400N
FPAP LONGITUDE	0842715.6600W
THRESHOLD CROSSING HEIGHT (TCH)	00057.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9D5C00FC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02434
FPAP ORTHOMETRIC HEIGHT	+02434

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAKRU K5O    W     N46100916W084242041                              NAR         CAKRU
        SUSAEAENRT   CATGA K5O    C   L N46281954W084280153                              NAR         CATGA
        SUSAEAENRT   FATPA K5O    W     N46200295W084323475                              NAR         FATPA
        SUSAEAENRT   HITAL K5O    C   L N46224070W084432402                              NAR         HITAL
        SUSAEAENRT   JENOT K5O    W     N46251623W084365696                              NAR         JENOT
        SUSAEAENRT   PINES K5O    C   L N46014961W084291225                              NAR         PINES

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5ACIU      0     072YHN46150270W084282060W006000800          18000018000C    MNAR    CHIPPEWA COUNTY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5FR16   ACATGA 010CATGAK5EA0E  A    IF                                          18000                A JS
        SUSAP KCIUK5FR16   ACATGA 020JENOTK5EA0EE   010TF                    24970069    + 03000                      A JS
        SUSAP KCIUK5FR16   AHITAL 010HITALK5EA0E  A    IF                                          18000                A JS
        SUSAP KCIUK5FR16   AHITAL 020JENOTK5EA0EE   010TF                    06580052    + 03000                      A JS
        SUSAP KCIUK5FR16   R      010JENOTK5EA0E  I    IF                                + 03000   18000                A JS
        SUSAP KCIUK5FR16   R      020FATPAK5EA1E  F 051TF                    15590060    + 02600             RW16   K5PGA JS
        SUSAP KCIUK5FR16   R      020FATPAK5EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KCIUK5FR16   R      030RW16 K5PG0GY M 031TF                    15590054      00857          -300         A JS
        SUSAP KCIUK5FR16   R      040CAKRUK5EA0E M  010DF                                                            A JS
        SUSAP KCIUK5FR16   R      050PINESK5EA0EY   010TF                    2082        + 03000                      A JS
        SUSAP KCIUK5FR16   R      060PINESK5EA0EE  R020HM                    02330040    + 03000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5GRW16     0072001560 N46152287W084284115-0100     +0207200799000058200I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5PR16   RW16 001 0000W16A0N4615228700W08428411455+020720300N4613401400W084271566001065014720005 79F4005009D5C00FC
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QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 800 TDZE: 799	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 16, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 03/20/2003

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      SUSAP KCIUK5PR16   RW16 002E      +02434+02434LPV      69215

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KCIUK5SRW16 K5PG              0   18018004025                                                              M
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QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:	
SAULT STE MARIE, MI	ELEVATION: 800 TDZE: 799 AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 16, AMDT 1 22 OCT 2009	AMDT:	ORIG
				DATED:	03/20/2003

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CATGA	CATGA	010	IAF	IF		FB				
	CATGA	JENOT	020		TF		FB	1.0	249.7(244T)	006.9	03000
	HITAL	HITAL	010	IAF	IF		FB				
	HITAL	JENOT	020		TF		FB	1.0	065.8(060T)	005.2	03000
		JENOT	010	FACF	IF		FB				03000
		FATPA	020	FAF	TF		FB	0.5	155.9(150T)	006.0	02600
		RW16	030	MAP	TF		FO	0.3	155.9(150T)	005.4	00857

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CAKRU	040		DF		FB	1.0			
	PINES	050		TF		FO	1.0	208.2(202T)		03000
	PINES	060		HM	R	FO	2.0	023.3(017T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAKRU	N461009.16	W0842420.41	N4610.153	W08424.340
	CATGA	N462819.54	W0842801.53	N4628.326	W08428.026
	FATPA	N462002.95	W0843234.75	N4620.049	W08432.579
	HITAL	N462240.70	W0844324.02	N4622.678	W08443.400
	JENOT	N462516.23	W0843656.96	N4625.271	W08436.949
	PINES	N460149.61	W0842912.25	N4601.827	W08429.204
	RW16	N461532.87	W0842841.15	N4615.381	W08428.686

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00799	58

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	ELEVATION: 800 TDZE: 799 AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 16, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 03/20/2003

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
HITAM (IAF)	COLGO (FB)	240.39 / 8.40	4000
PINES (IAF)	COLGO (FB)	069.84 / 7.11	4000
COLGO (IF)	CAKRU (FB)	336.09 / 6.00	2400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 3000 DIRECT FATPA AND RIGHT TURN VIA TRACK 069.66 TO SSM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.00 INBOUND.
CHART FAS OBST: 899 TREE 461353N/0842706W
DISTANCE TO THLD FROM 250 HAT: 0.67 NM.
CHART VDP AT 1.15 MILES TO RW34* *LNAV ONLY.
WAAS CHANNEL # 56315
REFERENCE PATH ID: W34A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COLGO
3. FAC: 336.04 FAF: CAKRU DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: COLGO 4000, CAKRU 2400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: CAKRU OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW34 4000

MAG VAR: 6W 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	1046	1	250	1046	1	250	1046	1	250	1046	1	250			
LNAV/VNAV DA	1198	1 1/2	402	1198	1 1/2	402	1198	1 1/2	402	1198	1 1/2	402			
LNAV MDA	1200	1	404	1200	1	404	1200	1 1/4	404	1200	1 1/4	404			
CIRCLING	1260	1	460	1260	1	460	1260	1 1/2	460	1360	2	560			

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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET; INCREASE LNAV CAT D VISIBILITY
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 3

CITY AND STATE	ELEVATION: 800 TDZE: 796	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 34, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 03/20/2003

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.
1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PINES VIA V193 SOUTH BOUND.

CANCELLED

CITY AND STATE	ELEVATION: 800 TDZE: 796	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 34, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 03/20/2003

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCIU
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	461421.3175N
LTP/FTP LONGITUDE	0842749.9080W
LTP/FTP ELLIPSOIDAL HEIGHT	+02057
FPAP LATITUDE	461538.4500N
FPAP LONGITUDE	0842854.1200W
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	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	6E5BB37E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02419
FPAP ORTHOMETRIC HEIGHT	+02419

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SSM   K5011220VDH  N46244360W084185354    N46244360W084185354W0040006872     NARSAULT STE MARIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAKRU K50    W     N46100916W084242041                                  NAR           CAKRU
        SUSAEAENRT   COLGO K50    W     N46045727W084200215                                  NAR           COLGO
        SUSAEAENRT   FATPA K50    W     N46200295W084323475                                  NAR           FATPA
        SUSAEAENRT   HITAM K50    C   L N46095089W084101382                                  NAR           HITAM
        SUSAEAENRT   PINES K50    C   L N46014961W084291225                                  NAR           PINES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5ACIU     0     072YHN46150270W084282060W006000800         1800018000C    MNAR    CHIPPEWA COUNTY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5FR34   AHITAM 010HITAMK5EA0E  A    IF                                                18000                 A JS
        SUSAP KCIUK5FR34   AHITAM 020COLGOK5EA0EE   010TF                      24040084    + 04000                            A JS
        SUSAP KCIUK5FR34   APINES 010PINESK5EA0E  A    IF                                                18000                 A JS
        SUSAP KCIUK5FR34   APINES 020COLGOK5EA0EE   010TF                      06980071    + 04000                            A JS
        SUSAP KCIUK5FR34   R      010COLGOK5EA0E  I    IF                                  + 04000     18000                 A JS
        SUSAP KCIUK5FR34   R      020CAKRUK5EA1E  F 051TF                      33610060    + 02400                 RW34  K5PGA JS
        SUSAP KCIUK5FR34   R      020CAKRUK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KCIUK5FR34   R      030RW34 K5PG0GY M 031TF                      33600049      00834             -300          A JS
        SUSAP KCIUK5FR34   R      040FATPAK5EA0E M  010DF                                                                     A JS
        SUSAP KCIUK5FR34   R      050SSM  K5D 0VY  R010TFY                     0697        + 03000                            A JS
        SUSAP KCIUK5FR34   R      060SSM  K5D 0VE  R020HM                      21800040    + 03000                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCIUK5GRW34    0072003360 N46142132W084274991+0100    +0205700794000040200R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 800 TDZE: 796	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 34, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 03/20/2003

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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KCIUK5PR34   RW34 001 0000W34A0N4614213175W08427499080+020570300N4615384500W0842854120010675055200040OF4005006E5BB37E
    SUSAP KCIUK5PR34   RW34 002E      +02419+02419LPV       56315

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KCIUK5SRW34 K5PG              0   18018004025                                                                    M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 800 TDZE: 796	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 34, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 03/20/2003

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HITAM	HITAM	010	IAF	IF		FB				
	HITAM	COLGO	020		TF		FB	1.0	240.4(234T)	008.4	04000
	PINES	PINES	010	IAF	IF		FB				
	PINES	COLGO	020		TF		FB	1.0	069.8(064T)	007.1	04000
		COLGO	010	FACF	IF		FB				04000
		CAKRU	020	FAF	TF		FB	0.5	336.1(330T)	006.0	02400
		RW34	030	MAP	TF		FO	0.3	336.0(330T)	004.9	00834
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		FATPA	040		DF		FB	1.0			
		SSM	050		TF	R	FO	1.0	069.7(064T)		03000
		SSM	060		HM	R	FO	2.0	218.0(212T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SSM	N462443.60	W0841853.54	N4624.727	W08418.892
	CAKRU	N461009.16	W0842420.41	N4610.153	W08424.340
	COLGO	N460457.27	W0842002.15	N4604.955	W08420.036
	FATPA	N462002.95	W0843234.75	N4620.049	W08432.579
	HITAM	N460950.89	W0841013.82	N4609.848	W08410.230
	PINES	N460149.61	W0842912.25	N4601.827	W08429.204
	RW34	N461421.32	W0842749.91	N4614.355	W08427.832

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00794	40

QUALITY CHECKED 1

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAULT STE MARIE, MI	ELEVATION: 800 TDZE: 796 AIRPORT NAME: CHIPPEWA COUNTY INTL	RNAV	RNAV (GPS) RWY 34, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 03/20/2003

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
WALDI/SSM 10.00 DME CW (IAF)	HAPON/SSM 10.00 DME (NOPT)	10.00 DME ARC	3200
SIGOE/SSM 10.00 DME CCW (IAF)	HAPON/SSM 10.00 DME (NOPT)	10.00 DME ARC	3200
HAPON/10.00 DME	SSM VOR/DME	218.00 / 10.00	3200
SSM VOR/DME (IF/IAF)	TENNY INT/6.40 DME	218.00 / 6.40	2400

MISSED APPROACH

MAP: 4.90 MILES AFTER TENNY INT/6.40 DME OR AT CEBUB/SSM 11.30 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2400 VIA SSM R-218 TO TENNY INT/6.40 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 218.00 INBOUND.
CHART FAS OBST: 954 TANK 461547N/0842805W
CHART SSM R-267 AT WALDI.
CHART SSM R-201 AT SIGOE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE SSM VOR/DME, RT, 218.00 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC 218.00 FAF TENNY INT/6.40 DME DIST FAF TO MAP 4.90 THLD
4. MIN. ALT SSM VOR/DME 3200, TENNY 2400
8. MSA FROM: SSM VOR/DME 135-225 4000, 225-135 3100

MAG VAR: 4W 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
CIRCLING	1260	1	460	1260	1	460	1260	1 1/2	460	1360	2	560			

NOTES:

CHART NOTE: DME OR ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAULT STE MARIE MUNI/SANDERSON FIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.
CHART PLANVIEW NOTE: NOPT FOR ARRIVALS ON SSM VOR/DME AIRWAY RADIALS 320 CW 115.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ DME STANDARD, ADF NA

QUALITY CHECKED

CITY AND STATE	ELEVATION: 800 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR TACAN-A
SAULT STE MARIE, MI	CHIPPEWA COUNTY INTL	SSM	VOR-A, AMDT 7 22 OCT 2009	AMDT 6 DATE 06/12/2004

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
SADEN	IYBEP (FB)	241.77 / 13.94	2700
STEER	UZAYO (FB)	351.44 / 22.74	2700
IYBEP (IAF)	EQAXO (NOPT) (FB)	243.05 / 5.00	2700
UZAYO (IAF)	EQAXO (NOPT) (FB)	062.93 / 5.00	2700
EQAXO (IF/IAF)	YIJVO (FB)	152.99 / 6.15	2100

MISSED APPROACH

LNAV: RW15

CLIMB TO 2700 DIRECT WEXJI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 333.11 INBOUND.
CHART FAS OBST: 899 TREE 383811N/0910022W
YIJVO TO RW15: 3.04/45

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW EQAXO, RT, 152.99 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 153.02 FAF: YIJVO DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: EQAXO 2700, YIJVO 2100, TOFGY/2.90 NM TO RW15 1400
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: RW15 3000

MAG VAR: 1E 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	1160	1	672	1160	1	672	1160	2	672		NA				
CIRCLING	1220	1	732	1260	1 1/4	772	1260	2 1/4	772		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 SPIRIT OF ST LOUIS ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.
SEE 8260-10

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

CITY AND STATE	ELEVATION: 488 TDZE: 488	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: WASHINGTON RGNL	RNAV	RNAV (GPS) RWY 15, AMDT 2 22 OCT 2009	AMDT: 1
				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.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SADEN VIA V4 EASTBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	**ELEVATION: 488 TDZE: 488** AIRPORT NAME: **WASHINGTON RGNL**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 2** 22 OCT 2009	AMDT: **1** 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.

ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   EQAXO K30    W     N38453142W091060069                          NAR          EQAXO
          SUSAEAENRT   IYBEP K30    W     N38474297W091001583                          NAR          IYBEP
          SUSAEAENRT   SADEN K30    C   L N38540705W090442474                          NAR          SADEN
          SUSAEAENRT   STEER K30    C   L N38204592W091075600                          NAR          STEER
          SUSAEAENRT   TOFGY K30    W     N38381413W091012864                          NAR          TOFGY
          SUSAEAENRT   UZAYO K30    W     N38431959W091114520                          NAR          UZAYO
          SUSAEAENRT   WEXJI K30    W     N38245885W090531644                          NAR          WEXJI
          SUSAEAENRT   YIJVO K30    W     N38395968W091023421                          NAR          YIJVO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFYGK3AFYG      0      050YHN38351530W090593770E001000488         1800018000C    MNAR     WASHINGTON RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFYGK3FR15    AEQAXO 010EQAXOK3EA0EE AR   HF                    15300040    + 02700     18000                B JS
          SUSAP KFYGK3FR15    ASADEN 010SADENK3EA0E       IF                                        18000                B JS
          SUSAP KFYGK3FR15    ASADEN 020IYBEPK3EA0E  A 020TF                    24180139    + 02700                          B JS
          SUSAP KFYGK3FR15    ASADEN 030EQAXOK3EA0EE   010TF                    24310050    + 02700                          B JS
          SUSAP KFYGK3FR15    ASTEER 010STEERK3EA0E       IF                                        18000                B JS
          SUSAP KFYGK3FR15    ASTEER 020UZAYOK3EA0E  A 020TF                    35140227    + 02700                          B JS
          SUSAP KFYGK3FR15    ASTEER 030EQAXOK3EA0EE   010TF                    06290050    + 02700                          B JS
          SUSAP KFYGK3FR15    R      010EQAXOK3EA0E  I    IF                                + 02700     18000                B JS
          SUSAP KFYGK3FR15    R      020YIJVOK3EA1E  F 051TF                    15300062    + 02100                RW15  K3PGB JS
          SUSAP KFYGK3FR15    R      020YIJVOK3EA2WN          N          ALNAV                                                JS
          SUSAP KFYGK3FR15    R      021TOFGYK3EA0E S  031TF                    15300020    V 0140001477        -304             B JS
          SUSAP KFYGK3FR15    R      030RW15 K3PG0GY M 031TF                    15300029      00533             -304             B JS
          SUSAP KFYGK3FR15    R      040WEXJIK3EA0EYM  010DF                                + 02700                          B JS
          SUSAP KFYGK3FR15    R      050WEXJIK3EA0EE  R020HM                    33310040    + 02700                          B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFYGK3GRW15     0050011531 N38353753W090595147-0100     +01174004880000045075R
```

QUALITY 1

CITY AND STATE	ELEVATION: 488 TDZE: 488	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: WASHINGTON RGNL	RNAV	RNAV (GPS) RWY 15, AMDT 2 22 OCT 2009	AMDT: 1
				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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3SRW15 K3PG               0   18018003025                                                          M
```

QUALITY CHECKED 1

CITY AND STATE				
WASHINGTON, MO	**ELEVATION: 488** **TDZE: 488** AIRPORT NAME: **WASHINGTON RGNL**	FACILITY IDENTIFIER: **RNAV**	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: **RNAV (GPS) RWY 15, AMDT 2** 22 OCT 2009	SUP: AMDT: **1** 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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EQAXO	EQAXO	010	IAF	HF	R	FO		153.0(154T)	004.0	02700
	SADEN	SADEN	010		IF		FB				
	SADEN	IYBEP	020	IAF	TF		FB	2.0	241.8(243T)	013.9	02700
	SADEN	EQAXO	030		TF		FB	1.0	243.1(244T)	005.0	02700
	STEER	STEER	010		IF		FB				
	STEER	UZAYO	020	IAF	TF		FB	2.0	351.4(352T)	022.7	02700
	STEER	EQAXO	030		TF		FB	1.0	062.9(064T)	005.0	02700
		EQAXO	010	FACF	IF		FB				02700
		YIJVO	020	FAF	TF		FB	0.5	153.0(154T)	006.2	02100
		TOFGY	021	SDF	TF		FB	0.3	153.0(154T)	002.0	0140001477
		RW15	030	MAP	TF		FO	0.3	153.0(154T)	002.9	00533

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WEXJI	040		DF		FO	1.0			02700
	WEXJI	050		HM	R	FO	2.0	333.1(334T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EQAXO	N384531.42	W0910600.69	N3845.524	W09106.012
	IYBEP	N384742.97	W0910015.83	N3847.716	W09100.264
	SADEN	N385407.05	W0904424.74	N3854.118	W09044.412
	STEER	N382045.92	W0910756.00	N3820.765	W09107.933
	TOFGY	N383814.13	W0910128.64	N3838.236	W09101.477
	UZAYO	N384319.59	W0911145.20	N3843.327	W09111.753
	WEXJI	N382458.85	W0905316.44	N3824.981	W09053.274
	YIJVO	N383959.68	W0910234.21	N3839.995	W09102.570
	RW15	N383537.53	W0905951.47	N3835.626	W09059.858

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00488	45

CITY AND STATE	ELEVATION: 488 TDZE: 488	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: **WASHINGTON RGNL**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 2** 22 OCT 2009	AMDT: **1**
				DATED: **10/25/2007**

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
IMPER	OJEQY (FB)	269.21 / 18.69	2800
STEER	UHMAM (FB)	072.88 / 7.32	2700
UHMAM (IAF)	WEXJI (NOPT) (FB)	063.05 / 5.00	2700
OJEQY (IAF)	WEXJI (NOPT) (FB)	243.17 / 5.00	2700
WEXJI (IF/IAF)	ESTUQ (FB)	333.11 / 6.13	2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

CLIMB TO 2700 DIRECT EQAXO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 152.99 INBOUND.
CHART FAS OBST: 739 TREE 383449N/0905836W
DISTANCE TO THLD FROM 338 HAT: 0.93 NM.
CHART VDP AT 1.48 MILES TO RW33* *LNAV ONLY.
WAAS CHANNEL # 45715
REFERENCE PATH ID: W33A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE WEXJI, RT, 333.11 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 333.08 FAF: ESTUQ DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: WEXJI 2700, ESTUQ 2100, HISZY/2.30 NM TO RW33 1260*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: ESTUQ OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 42.6 34:1 IS NOT CLEAR
8. MSA FROM: RW33 3100

MAG VAR: 1E 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	824	1 1/4	338	824	1 1/4	338	824	1 1/4	338		NA				
LNAV/VNAV DA	1051	2	565	1051	2	565	1051	2	565		NA				
LNAV MDA	1000	1	514	1000	1	514	1000	1 1/2	514		NA				
CIRCLING	1220	1	732	1260	1 1/4	772	1260	2 1/4	772		NA				

NOTES:
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: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IMPER VIA V238 NORTHEAST BOUND, AND ARRIVALS AT SEE 8260-10
@ CAT C 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 488 TDZE: 486	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: WASHINGTON RGNL	RNAV	RNAV (GPS) RWY 33, AMDT 2 22 OCT 2009	AMDT: 1
				DATED 10/25/2007

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NOTES CONT.
STEER VIA V14 AND V88 SOUTHWEST BOUND.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPIRIT OF ST LOUIS ALTIMETER SETTING AND INCREASE ALL DA 42 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING SPIRIT OF ST LOUIS ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 488 TDZE: 486	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: WASHINGTON RGNL	RNAV	RNAV (GPS) RWY 33, AMDT 2 22 OCT 2009	AMDT: 1
				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	KFYG
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	383453.0770N
LTP/FTP LONGITUDE	0905923.9130W
LTP/FTP ELLIPSOIDAL HEIGHT	+01167
FPAP LATITUDE	383613.2700N
FPAP LONGITUDE	0910013.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00042.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	35029906

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01479
FPAP ORTHOMETRIC HEIGHT	+01479

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EQAXO K30    W     N38453142W091060069                          NAR          EQAXO
        SUSAEAENRT   ESTUQ K30    W     N38302998W090564098                          NAR          ESTUQ
        SUSAEAENRT   HISZY K30    W     N38324886W090580694                          NAR          HISZY
        SUSAEAENRT   IMPER K30    C   L N38270811W090234562                          NAR          IMPER
        SUSAEAENRT   OJEQY K30    W     N38270984W090473287                          NAR          OJEQY
        SUSAEAENRT   STEER K30    C   L N38204592W091075600                          NAR          STEER
        SUSAEAENRT   UHMAM K30    W     N38224758W090585967                          NAR          UHMAM
        SUSAEAENRT   WEXJI K30    W     N38245885W090531644                          NAR          WEXJI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3AFYG     0     050YHN38351530W090593770E001000488         1800018000C    MNAR    WASHINGTON RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3FR33   AIMPER 010IMPERK3EA0E       IF                                          18000                A JS
        SUSAP KFYGK3FR33   AIMPER 020OJEQYK3EA0E  A 020TF                     26920187    + 02800                      A JS
        SUSAP KFYGK3FR33   AIMPER 030WEXJIK3EA0EE   010TF                     24320050    + 02700                      A JS
        SUSAP KFYGK3FR33   ASTEER 010STEERK3EA0E       IF                                          18000                A JS
        SUSAP KFYGK3FR33   ASTEER 020UHMAMK3EA0E  A 020TF                     07290073    + 02700                      A JS
        SUSAP KFYGK3FR33   ASTEER 030WEXJIK3EA0EE   010TF                     06310050    + 02700                      A JS
        SUSAP KFYGK3FR33   AWEXJI 010WEXJIK3EA0EE AR   HF                     33310040    + 02700     18000            A JS
        SUSAP KFYGK3FR33   R      010WEXJIK3EA0E  I    IF                                 + 02700     18000            A JS
        SUSAP KFYGK3FR33   R      020ESTUQK3EA1E  F 051TF                     33310061    + 02100                RW33  K3PGA JS
        SUSAP KFYGK3FR33   R      020ESTUQK3EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KFYGK3FR33   R      021HISZYK3EA0E S  031TF                     33310026    V 0126001265       -300      A JS
        SUSAP KFYGK3FR33   R      030RW33 K3PG0GY M 031TF                     33310023      00528            -300      A JS
        SUSAP KFYGK3FR33   R      040EQAXOK3EA0EYM  010DF                               + 02700                      A JS
        SUSAP KFYGK3FR33   R      050EQAXOK3EA0EE  R020HM                     15300040    + 02700                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3GRW33    0050013331 N38345308W090592391+0100    +011670048500004307 5R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 488 TDZE: 486	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: **WASHINGTON RGNL**	**RNAV**	**RNAV (GPS) RWY 33, AMDT 2** 22 OCT 2009	AMDT: **1**
				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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3PR33   RW33 001 0000W33A0N3834530770W09059239130+011670300N3836132700W09100136500106751224000426F40050035029906
        SUSAP KFYGK3PR33   RW33 002E      +01479+01479LPV       45715
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFYGK3SRW33 K3PG                0   18018003125                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 488 TDZE: 486	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: WASHINGTON RGNL	RNAV	RNAV (GPS) RWY 33, AMDT 2 22 OCT 2009	AMDT: 1 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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IMPER	IMPER	010		IF		FB				
	IMPER	OJEQY	020	IAF	TF		FB	2.0	269.2(270T)	018.7	02800
	IMPER	WEXJI	030		TF		FB	1.0	243.2(244T)	005.0	02700
	STEER	STEER	010		IF		FB				
	STEER	UHMAM	020	IAF	TF		FB	2.0	072.9(074T)	007.3	02700
	STEER	WEXJI	030		TF		FB	1.0	063.1(064T)	005.0	02700
	WEXJI	WEXJI	010	IAF	HF	R	FO		333.1(334T)	004.0	02700
		WEXJI	010	PACF	IF		FB				02700
		ESTUQ	020	FAF	TF		FB	0.5	333.1(334T)	006.1	02100
		HISZY	021	SDF	TF		FB	0.3	333.1(334T)	002.6	0126001265
		RW33	030	MAP	TF		FO	0.3	333.1(334T)	002.3	00528

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EQAXO	040		DF		FO	1.0			02700
	EQAXO	050		HM	R	FO	2.0	153.0(154T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EQAXO	N384531.42	W0910600.69	N3845.524	W09106.012
	ESTUQ	N383029.98	W0905640.98	N3830.500	W09056.683
	HISZY	N383248.86	W0905806.94	N3832.814	W09058.116
	IMPER	N382708.11	W0902345.62	N3827.135	W09023.760
	OJEQY	N382709.84	W0904732.87	N3827.164	W09047.548
	STEER	N382045.92	W0910756.00	N3820.765	W09107.933
	UHMAM	N382247.58	W0905859.67	N3822.793	W09058.995
	WEXJI	N382458.85	W0905316.44	N3824.981	W09053.274
	RW33	N383453.08	W0905923.91	N3834.885	W09059.399

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00485	43

CITY AND STATE	ELEVATION: 488 TDZE: 486	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, MO	AIRPORT NAME: **WASHINGTON RGNL**	**RNAV**	**RNAV (GPS) RWY 33, AMDT 2** 22 OCT 2009	AMDT: **1**
				DATED: **10/25/2007**

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, STANDARD
RWY 33, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 275' PER NM TO 1000.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 15 - CLIMB HEADING 153.05 TO 1100 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, NUMEROUS TREES BEGINNING 3076' FROM DER, 618' LEFT OF CENTERLINE UP TO 108' AGL/589' MSL.
NOTE: RWY 33, NUMEROUS TREES BEGINNING 1035' FROM DER, 171' LEFT OF CENTERLINE, UP TO 68' AGL/552' MSL. NUMEROUS TREES BEGINNING 2907' FROM DER, 66' RIGHT OF CENTERLINE UP TO 65' AGL/824' MSL.

(4) CONTROLLING OBSTACLES:

RWY 15: 1205 MSL TOWER 383602.00N-0905611.00W
RWY 33: 824 MSL TREE 383723.09N-0910043.57W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
WASHINGTON, MO	WASHINGTON RGNL	22 OCT 2009	1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR 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

MAP: 6.15 MILES AFTER FTZ VORTAC OR AT FTZ 6.15 DME FIX

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT FTZ VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 184.40 INBOUND.
CHART FAS OBST: 959 TREE 383601N/0905810W
1059 AAO 384109N/0905731W
FAC CROSSES MIDPOINT OF RWY 15-33

1. PT R SIDE OF COURSE 004.40 OUTBOUND 2500 FT WITHIN 10 MILES OF FTZ VORTAC (IAF)
2.
3. FAC 184.40 FAF FTZ VORTAC DIST FAF TO MAP 6.15 THLD
4. MIN. ALT FTZ VORTAC 2500
8. MSA FROM: FTZ VORTAC 3000

MAG VAR: 5E 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
CIRCLING	1220	1	732	1260	1 1/4	772	1260	2 1/4	772		NA				

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPIRIT OF ST LOUIS ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

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

CITY AND STATE	ELEVATION: 488 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WASHINGTON, MO	WASHINGTON RGNL	FTZ	VOR-A, AMDT 2 22 OCT 2009	SUP AMDT 1 DATE 10/25/2007

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
ANALE	JOTUN (FO)	356.69 / 12.46	6000
BELCA (IAF)	JOTUN (NOPT) (FB)	137.70 / 9.55	5000
JOTUN (IF/IAF)	KEVKE (FB)	227.89 / 6.80	4800

MISSED APPROACH

LNAV: RW23

CLIMBING RIGHT TURN TO 5000 DIRECT JOTUN AND HOLD.

ADDITIONAL FLIGHT DATA:
FAS OBST: 3079 AAO 475223N/1103057W
CHART VDP AT 1.38 MILES TO RW23.
KEVKE TO RW23: 3.05/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JOTUN, RT, 227.89 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
3. FAC: 227.79 FAF: KEVKE DIST FAF TO MAP: 5.87 THLD: 5.87
4. MIN. ALT: JOTUN 5000, KEVKE 4800
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: RW23 8900

MAG VAR: 14E 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
LNAV MDA	3340	1	476	3340	1	476	3340	1 1/4	476		NA				
CIRCLING	3340	1	471	3340	1	471	3340	1 1/2	471		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREAT FALLS ALTIMETER SETTING AND INCREASE ALL MDA 280 FT AND ALL CAT B AND C VISIBILITIES 1 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2869 TDZE: 2864	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT BENTON, MT	AIRPORT NAME: FORT BENTON	RNAV	RNAV (GPS) RWY 23, ORIG 22 OCT 2009	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 PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ANALE K1O    C   L N47443741W110243427                          NAR          ANALE
        SUSAEAENRT   BELCA K1O    C   L N48051592W110275217                          NAR          BELCA
        SUSAEAENRT   JOTUN K1O    W     N47565155W110210803                          NAR          JOTUN
        SUSAEAENRT   KEVKE K1O    W     N47533919W110300262                          NAR          KEVKE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 79S K1A79S      0      043YHN47504239W110381133E014002869         18000180000C    MNAR    FORT BENTON

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 79S K1FR23    AANALE 010ANALEK1EA0E       IF                                                 18000                B JS
        SUSAP 79S K1FR23    AANALE 020JOTUNK1EA0EY    020TF                      35670125     + 06000                            B JS
        SUSAP 79S K1FR23    AANALE 030JOTUNK1EA0EE AR   HF                     22790050     + 05000                            B JS
        SUSAP 79S K1FR23    ABELCA 010BELCAK1EA0E  A    IF                                                 18000                B JS
        SUSAP 79S K1FR23    ABELCA 020JOTUNK1EA0EE    010TF                     13770096     + 05000                            B JS
        SUSAP 79S K1FR23    R      010JOTUNK1EA0E  I    IF                                  + 05000     18000                  B JS
        SUSAP 79S K1FR23    R      020KEVKEK1EA1E  F 051TF                      22790068     + 04800                RW23  K1PGB JS
        SUSAP 79S K1FR23    R      020KEVKEK1EA2WN           N          ALNAV                                                  JS
        SUSAP 79S K1FR23    R      030RW23 K1PG0GY M 031TF                      22780059       02899          -305            B JS
        SUSAP 79S K1FR23    R      040JOTUNK1EA0EYM R010DF                                   + 05000                            B JS
        SUSAP 79S K1FR23    R      050JOTUNK1EA0EE  R020HM                      22790050     + 05000                            B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 79S K1GRW23     0043002277 N47505245W110374360+0200     +0857402859000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 79S K1SRW23 K1PG                0   18018008925                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2869 TDZE: 2864	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FORT BENTON, MT	AIRPORT NAME: FORT BENTON	RNAV	RNAV (GPS) RWY 23, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANALE	ANALE	010		IF		FB				
	ANALE	JOTUN	020		TF		FO	2.0	356.7(011T)	012.5	06000
	ANALE	JOTUN	030	IAF	HF	R	FO		227.9(242T)	005.0	05000
	BELCA	BELCA	010	IAF	IF		FB				
	BELCA	JOTUN	020		TF		FB	1.0	137.7(152T)	009.6	05000
		JOTUN	010	FACF	IF		FB				05000
		KEVKE	020	FAF	TF		FB	0.5	227.9(242T)	006.8	04800
		RW23	030	MAP	TF		FO	0.3	227.8(242T)	005.9	02899

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOTUN	040		DF	R	FO	1.0			05000
	JOTUN	050		HM	R	FO	2.0	227.9(242T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANALE	N474437.41	W1102434.27	N4744.624	W11024.571
	BELCA	N480515.92	W1102752.17	N4805.265	W11027.870
	JOTUN	N475651.55	W1102108.03	N4756.859	W11021.134
	KEVKE	N475339.19	W1103002.62	N4753.653	W11030.044
	RW23	N475052.45	W1103743.60	N4750.874	W11037.727

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	02859	40

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FORT BENTON, MT	ELEVATION: 2869 TDZE: 2864 AIRPORT NAME: FORT BENTON	RNAV	RNAV (GPS) RWY 23, ORIG 22 OCT 2009	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

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:

22 OCT 2009

PROCEDURE CANCELED EFFECTIVE ____

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2869 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FORT BENTON, MT	FORT BENTON	RNAV	RNAV (GPS)-A, ORIG, 03/15/2007	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 9, 27 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt No.
POPLAR, MONTANA	POPLAR	22 OCT 2009	ORIG

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
HANIM	DMESR (FB)	014.61 / 23.85	7900
ANGIL (IAF)	EGOCY (FB)	150.65 / 9.24	6700
DMESR (IAF)	EGOCY (FB)	074.88 / 5.00	6700
EGOCY (IF)	FATMI (FB)	164.97 / 6.90	5600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 13000 DIRECT IBBOR AND VIA TRACK 254.72 TO HANIM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 253.58 INBOUND.
CHART FAS OBST: 3149 TREE 473439N/1140612W
CHART FAS OBST: 3209 TREE 473719N/1140621W
CHART 3743 TOWER 473839N/1140735W.
DISTANCE TO THLD FROM 300 HAT: 0.82 NM.
CHART VDP AT 1.11 MILES TO RW16* *LNAV ONLY.
WAAS CHANNEL # 45814
REFERENCE PATH ID: W16A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EGOCY
3. FAC: 164.97 FAF: FATMI DIST FAF TO MAP: 7.61 THLD: 7.61
4. MIN. ALT: EGOCY 6700, FATMI 5600, GEDKE/4.00 NM TO RW16 4400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5600 GS ALT AT: FATMI OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW16 11100

MAG VAR: 15E 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	3386	1	300	3386	1	300		NA			NA				
LNAV/VNAV DA	3531	1 1/2	445	3531	1 1/2	445		NA			NA				
LNAV MDA	3460	1	374	3460	1	374		NA			NA				
CIRCLING	3460	1	374	3540	1	454		NA			NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING NA EAST OF RWYS 16 AND 34.
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 3086 TDZE: 3086	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 16, ORIG 22 OCT 2009	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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANGIL VIA V231 NORTHBOUND, AND FOR ARRIVALS AT HANIM VIA V120 WESTBOUND.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RONAN, MT	ELEVATION: 3086 TDZE: 3086 AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 16, ORIG 22 OCT 2009	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	7S0
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	473425.5090N
LTP/FTP LONGITUDE	1140603.8810W
LTP/FTP ELLIPSOIDAL HEIGHT	+09253
FPAP LATITUDE	473256.4600N
FPAP LONGITUDE	1140603.8100W
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	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2EA35777

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09406
FPAP ORTHOMETRIC HEIGHT	+09406

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ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ANGIL K10    C   L N47575240W114092849                          NAR           ANGIL
          SUSAEAENRT   DMESR K10    W     N47485509W114132968                          NAR           DMESR
          SUSAEAENRT   EGOCY K10    W     N47485549W114060455                          NAR           EGOCY
          SUSAEAENRT   FATMI K10    W     N47420173W114060423                          NAR           FATMI
          SUSAEAENRT   GEDKE K10    W     N47382537W114060407                          NAR           GEDKE
          SUSAEAENRT   HANIM K10    C   L N47281327W114305859                          NAR           HANIM
          SUSAEAENRT   IBBOR K10    W     N47282086W114060360                          NAR           IBBOR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 7S0 K1A7S0     0     048YHN47340182W114060386E015003086         1800018000C    MNAR    RONAN

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 7S0 K1FR16   AANGIL 010ANGILK1EA0E  A    IF                                          18000              A JS
          SUSAP 7S0 K1FR16   AANGIL 020EGOCYK1EA0EE   010TF                    15070092    + 06700                      A JS
          SUSAP 7S0 K1FR16   AHANIM 010HANIMK1EA0E       IF                                          18000              A JS
          SUSAP 7S0 K1FR16   AHANIM 020DMESRK1EA0E  A 020TF                    01460239    + 07900                      A JS
          SUSAP 7S0 K1FR16   AHANIM 030EGOCYK1EA0EE   010TF                    07490050    + 06700                      A JS
          SUSAP 7S0 K1FR16   R      010EGOCYK1EA0E  I    IF                                + 06700     18000            A JS
          SUSAP 7S0 K1FR16   R      020FATMIK1EA1E  F 051TF                    16500069    + 05600                RW16  K1PGA JS
          SUSAP 7S0 K1FR16   R      020FATMIK1EA2WALPV       ALNAV/VNAV ALNAV                                            JS
          SUSAP 7S0 K1FR16   R      021GEDKEK1EA0E S  031TF                    16500036    V 0440004415       -300      A JS
          SUSAP 7S0 K1FR16   R      030RW16 K1PG0GY M 031TF                    16500040      03126            -300      A JS
          SUSAP 7S0 K1FR16   R      040IBBORK1EA0E M  010DF                                                           A JS
          SUSAP 7S0 K1FR16   R      050HANIMK1EA0EY  R010TFY                   2547        + 13000                      A JS
          SUSAP 7S0 K1FR16   R      060HANIMK1EA0EE  R020HM                    25360070    + 13000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 7S0 K1GRW16    0048001650 N47342551W114060388-0100    +09253030860000400 75R
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CITY AND STATE	ELEVATION: 3086 TDZE: 3086	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 16, ORIG 22 OCT 2009	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
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP 7S0 K1PR16   RW16 001 0000W16A0N4734255090W11406038810+092530300N4732564600W11406038100106751288000400F4005002EA35777
    SUSAP 7S0 K1PR16   RW16 002E      +09406+09406LPV       45814

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP 7S0 K1SRW16 K1PG              0   18018011125                                                                  M
```

CITY AND STATE	ELEVATION: 3086 TDZE: 3086	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 16, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANGIL	ANGIL	010	IAF	IF		FB				
	ANGIL	EGOCY	020		TF		FB	1.0	150.7(166T)	009.2	06700
	HANIM	HANIM	010		IF		FB				
	HANIM	DMESR	020	IAF	TF		FB	2.0	014.6(030T)	023.9	07900
	HANIM	EGOCY	030		TF		FB	1.0	074.9(090T)	005.0	06700
		EGOCY	010	FACF	IF		FB				06700
		FATMI	020	FAF	TF		FB	0.5	165.0(180T)	006.9	05600
		GEDKE	021	SDF	TF		FB	0.3	165.0(180T)	003.6	0440004415
		RW16	030	MAP	TF		FO	0.3	165.0(180T)	004.0	03126
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		IBBOR	040		DF		FB	1.0			
		HANIM	050		TF	R	FO	1.0	254.7(270T)		13000
		HANIM	060		HM	R	FO	2.0	253.6(269T)	007.0	13000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANGIL	N475752.40	W1140928.49	N4757.873	W11409.475
	DMESR	N474855.09	W1141329.68	N4748.918	W11413.495
	EGOCY	N474855.49	W1140604.55	N4748.925	W11406.076
	FATMI	N474201.73	W1140604.23	N4742.029	W11406.071
	GEDKE	N473825.37	W1140604.07	N4738.423	W11406.068
	HANIM	N472813.27	W1143058.59	N4728.221	W11430.977
	IBBOR	N472820.86	W1140603.60	N4728.348	W11406.060
	RW16	N473425.51	W1140603.88	N4734.425	W11406.065

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	03086	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
RONAN, MT	ELEVATION: 3086 TDZE: 3086 AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 16, ORIG 22 OCT 2009	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
HANIM	NALSE (FB)	116.45 / 15.96	7900
ARLEE (IAF)	LAVBE (FB)	344.72 / 9.19	7200
NALSE (IAF)	LAVBE (FB)	074.88 / 5.00	7200
LAVBE (IF)	JAKBA (FB)	344.97 / 7.77	5800

MISSED APPROACH

LPV: DA
LNAV: RW34

CLIMB TO 13000 DIRECT PEKBE AND VIA TRACK 254.97 TO QATQI AND VIA TRACK 208.54 TO HANIM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 253.58 INBOUND.
CHART FAS OBST: 3149 TREE 473333N/1140558W
DISTANCE TO THLD FROM 311 HAT: 0.86 NM.
CHART VDP AT 1.00 MILES TO RW34* *LNAV ONLY.
WAAS CHANNEL # 86614
REFERENCE PATH ID: W34A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LAVBE
3. FAC: 344.97 FAF: JAKBA DIST FAF TO MAP: 8.23 THLD: 8.23
4. MIN. ALT: LAVBE 7200, JAKBA 5800, OBTOW/1.70 NM TO RW34 3660*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5800 GS ALT AT: JAKBA 5800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW34 11100

MAG VAR: 15E 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	3392	1	311	3392	1	311		NA			NA				
LNAV MDA	3400	1	319	3400	1	319		NA			NA				
CIRCLING	3460	1	374	3540	1	454		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA EAST OF RWYS 16 AND 34.
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: 3086 TDZE: 3081	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, ORIG 22 OCT 2009	AMDT: NONE
				DATED

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ARLEE VIA V231 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HANIM VIA V120 WESTBOUND.

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	7S0
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	473338.1385N
LTP/FTP LONGITUDE	1140603.8390W
LTP/FTP ELLIPSOIDAL HEIGHT	+09233
FPAP LATITUDE	473507.1900N
FPAP LONGITUDE	1140603.9100W
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	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	82625D50

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+09386
FPAP ORTHOMETRIC HEIGHT	+09386

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ARLEE K10    C   L N47082742W114055911                          NAR           ARLEE
        SUSAEAENRT   HANIM K10    C   L N47281327W114305859                          NAR           HANIM
        SUSAEAENRT   JAKBA K10    W     N47252465W114060346                          NAR           JAKBA
        SUSAEAENRT   LAVBE K10    W     N47173865W114060310                          NAR           LAVBE
        SUSAEAENRT   NALSE K10    W     N47173826W114132383                          NAR           NALSE
        SUSAEAENRT   OBTOW K10    W     N47315620W114060376                          NAR           OBTOW
        SUSAEAENRT   PEKBE K10    W     N47383797W114060407                          NAR           PEKBE
        SUSAEAENRT   QATQI K10    W     N47383728W114162520                          NAR           QATQI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1A7S0      0     048YHN47340182W114060386E015003086         1800018000C    MNAR     RONAN

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1FR34    AARLEE 010ARLEEK1EA0E  A    IF                                          18000                A JS
        SUSAP 7S0 K1FR34    AARLEE 020LAVBEK1EA0EE   010TF                   34470092    + 07200                        A JS
        SUSAP 7S0 K1FR34    AHANIM 010HANIMK1EA0E       IF                                          18000                A JS
        SUSAP 7S0 K1FR34    AHANIM 020NALSEK1EA0E  A 020TF                   11650160    + 07900                        A JS
        SUSAP 7S0 K1FR34    AHANIM 030LAVBEK1EA0EE   010TF                   07490050    + 07200                        A JS
        SUSAP 7S0 K1FR34    R      010LAVBEK1EA0E  I    IF                              + 07200      18000             A JS
        SUSAP 7S0 K1FR34    R      020JAKBAK1EA1E  F 051TF                   34500078    + 05800                RW34  K1PGA JS
        SUSAP 7S0 K1FR34    R      020JAKBAK1EA2WALPV       N          ALNAV                                           JS
        SUSAP 7S0 K1FR34    R      021OBTOWK1EA0E S  031TF                   34500065    V 0366003664        -300        A JS
        SUSAP 7S0 K1FR34    R      030RW34  K1PG0GY M 031TF                  34500017      03119             -300        A JS
        SUSAP 7S0 K1FR34    R      040PEKBEK1EA0E M  010DF                                                            A JS
        SUSAP 7S0 K1FR34    R      050QATQIK1EA0E   L010TFY                  2550                                       A JS
        SUSAP 7S0 K1FR34    R      060HANIMK1EA0EY   010TF                   2085        + 13000                        A JS
        SUSAP 7S0 K1FR34    R      070HANIMK1EA0EE  R020HM                   25360070    + 13000                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 7S0 K1GRW34     0048003450 N47333814W114060384+0100     +092330307900004007 5R
```

CITY AND STATE	ELEVATION: 3086 TDZE: 3081	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, ORIG 22 OCT 2009	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
PP  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP 7S0 K1PR34   RW34 001 0000W34A0N4733381385W11406038390+092330300N4735071900W11406039100106751288000400F40050082625D50
    SUSAP 7S0 K1PR34   RW34 002E      +09386+09386LPV       86614

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP 7S0 K1SRW34 K1PG              0   18018011125                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3086 TDZE: 3081	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ARLEE	ARLEE	010	IAF	IF		FB				
	ARLEE	LAVBE	020		TF		FB	1.0	344.7(360T)	009.2	07200
	HANIM	HANIM	010		IF		FB				
	HANIM	NALSE	020	IAF	TF		FB	2.0	116.5(132T)	016.0	07900
	HANIM	LAVBE	030		TF		FB	1.0	074.9(090T)	005.0	07200
		LAVBE	010	FACF	IF		FB				07200
		JAKBA	020	FAF	TF		FB	0.5	345.0(360T)	007.8	05800
		OBTOW	021	SDF	TF		FB	0.3	345.0(360T)	006.5	0366003664
		RW34	030	MAP	TF		FO	0.3	345.0(360T)	001.7	03119

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PEKBE	040		DF		FB	1.0			
	QATQI	050		TF	L	FB	1.0	255.0(270T)		
	HANIM	060		TF		FO	1.0	208.5(224T)		13000
	HANIM	070		HM	R	FO	2.0	253.6(269T)	007.0	13000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARLEE	N470827.42	W1140559.11	N4708.457	W11405.985
	HANIM	N472813.27	W1143058.59	N4728.221	W11430.977
	JAKBA	N472524.65	W1140603.46	N4725.411	W11406.058
	LAVBE	N471738.65	W1140603.10	N4717.644	W11406.052
	NALSE	N471738.26	W1141323.83	N4717.638	W11413.397
	OBTOW	N473156.20	W1140603.76	N4731.937	W11406.063
	PEKBE	N473837.97	W1140604.07	N4738.633	W11406.068
	QATQI	N473837.28	W1141625.20	N4738.621	W11416.420
	RW34	N473338.14	W1140603.84	N4733.636	W11406.064

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	03079	40

CITY AND STATE	ELEVATION: 3086 TDZE: 3081	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RONAN, MT	AIRPORT NAME: RONAN	RNAV	RNAV (GPS) RWY 34, ORIG 22 OCT 2009	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, STANDARD WITH MINIMUM CLIMB OF 260 FT PER NM TO 9900 OR 6100-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 34, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 9900 OR 6100-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 16 - CLIMB TO 8800 ON A HEADING BETWEEN 177 CW TO 336 FROM DEPARTURE END OF RUNWAY OR FOR CLIMB IN VISUAL CONDITIONS, CROSS RONAN AIRPORT AT OR ABOVE 9000 BEFORE PROCEEDING ON COURSE.
RWY 34 - CLIMB TO 8800 ON A HEADING BETWEEN 336 CCW TO 177 FROM DEPARTURE END OF RUNWAY OR FOR CLIMB IN VISUAL CONDITIONS, CROSS RONAN AIRPORT AT OR ABOVE 9000 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 16, TREE 485 FEET FROM DER, 386 FEET LEFT OF CENTERLINE 50 FEET AGL/3149 FEET MSL. NOTE: RWY 34, BUILDING 158 FEET FROM DER, 370 FEET LEFT OF CENTERLINE 40 FEET AGL/3130 FEET MSL. TREE 1358 FEET FROM DER, 556 FEET LEFT OF CENTERLINE 50 FEET AGL/3149 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 16: 8196 MSL AAO 470927.80N/1142127.10W, 10020 MSL AAO 472255.50N/1135527.40W
RWY 34: 5674 MSL AAO 474625.00N/1141607.00W, 10020 MSL AAO 472255.50N/1135527.40W
VCOA: 10020 MSL AAO 472255.50N/1135527.40W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
RONAN, MT	RONAN	22 OCT 2009	ORIG

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 5R, 5L, 14, 23R, 23L, 32, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 5R, TERRAIN AND TREES BEGINNING 3' FROM DER, 499' RIGHT OF CENTERLINE, UP TO 102' AGL/981' MSL. TREES BEGINNING 2751' FROM DER, 1191' LEFT OF CENTERLINE, 57' AGL/966' MSL. NOTE: RWY 5L, TREES BEGINNING 1328' FROM DER, 524' LEFT OF CENTERLINE, UP TO 88' AGL/912' MSL. NOTE: RWY 14, POLE AND RAILROAD SIGNAL BEGINNING 937' FROM DER, 604' RIGHT OF CENTERLINE, UP TO 51' AGL/940' MSL. NOTE: RWY 23R, TREES BEGINNING 1195' FROM DER, 191' LEFT OF CENTERLINE, UP TO 100' AGL/970' MSL. UTILITY POLE 170' FROM DER, 540' LEFT OF CENTERLINE, 33' AGL/936' MSL. TREES BEGINNING 1715' FROM DER, 358' RIGHT OF CENTERLINE, UP TO 100' AGL/967' MSL. NOTE: RWY 23L, TREES BEGINNING 834' FROM DER, 719' LEFT OF CENTERLINE, UP TO 65' AGL/934' MSL. NOTE: RWY 32, TREES BEGINNING 1' FROM DER, 289' RIGHT OF CENTERLINE UP TO 90' AGL/1019' MSL.**

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GREENSBORO, NC	PIEDMONT TRIAD INTL	22 OCT 2009	1

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
GRI VORTAC	JYR NDB	092.05 / 32.15	3400

MISSED APPROACH

MAP: JYR NDB

CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 3300 DIRECT JYR NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 153.00 INBOUND.
FAS OBST: 1949 AAO 410105N/0974428W
CHART TDZ ELEVATION 1665.
FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT L SIDE OF COURSE 333.12 OUTBOUND 3300 FT WITHIN 10 MILES OF JYR NDB (IAF)
2.
3. FAC 153.12 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: JYR NDB 4100

MAG VAR: 6E EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | 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-17	2300	1	635	2300	1	635	2300	1 3/4	635		NA				
CIRCLING	2300	1	630	2300	1	630	2300	1 3/4	630		NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE STRAIGHT-IN AND CIRCLING VISIBILITIES CAT C 1/4 MILE.

CITY AND STATE	ELEVATION: 1670 TDZE: 1665	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
YORK, NE	AIRPORT NAME: YORK MUNI	JYR	NDB RWY 17, AMDT 6 22 OCT 2009	AMDT 5
				DATE 04/13/2006

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
HALOK (IAF)	KADBY (NOPT) (FB)	185.09 / 6.83	2600
TUMAY (IAF)	KADBY (NOPT) (FB)	005.09 / 7.04	2600
KADBY (IF/IAF)	FALWA (FB)	095.09 / 7.32	2400

MISSED APPROACH

LNAV: RW09

CLIMBING RIGHT TURN TO 2600 DIRECT KADBY AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 789 TREE 411933N/0831157W
CHART: 927 TOWER 412027.00N-0831627.00W
FALWA TO RW09: 3.05/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W KADBY, RT, 095.09 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 095.19 FAF: FALWA DIST FAF TO MAP: 5.28 THLD: 5.28
4. MIN. ALT: KADBY 2600, FALWA 2400
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: RW09 3100

MAG VAR: 5W 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
LNAV MDA	1080	1	417	1080	1	417	1080	1 1/4	417	1080	1 1/4	417			
CIRCLING	1200	1	537	1200	1	537	1200	1 1/2	537	1220	2	557			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS VIA V45-493 SOUTHEAST BOUND.
CHART NOTE: USE SANDUSKY COUNTY REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED USE METCALF FIELD ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 663 TDZE: 663	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FREMONT, OH	AIRPORT NAME: FREMONT	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	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 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FALWA K50    W      N41200449W083170176                              NAR           FALWA
        SUSAEAENRT   HALOK K50    C    L N41265573W083264397                              NAR           HALOK
        SUSAEAENRT   KADBY K50    W      N41200556W083264483                              NAR           KADBY
        SUSAEAENRT   TUMAY K50    C    L N41130307W083264571                              NAR           TUMAY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 14G K5A14G     0     041YHN41195910W083094030W005000663         1800018000C    MNAR    FREMONT

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 14G K5FR09   AHALOK 010HALOKK5EA0E  A    IF                                                  18000                B JS
        SUSAP 14G K5FR09   AHALOK 020KADBYK5EA0EE   010TF                    18510068    + 02600                                B JS
        SUSAP 14G K5FR09   AKADBY 010KADBYK5EA0EE AR   HF                    09510040    + 02600     18000                      B JS
        SUSAP 14G K5FR09   ATUMAY 010TUMAYK5EA0E  A    IF                                          18000                      B JS
        SUSAP 14G K5FR09   ATUMAY 020KADBYK5EA0EE   010TF                    00510070    + 02600                                B JS
        SUSAP 14G K5FR09   R      010KADBYK5EA0E  I    IF                                + 02600     18000                      B JS
        SUSAP 14G K5FR09   R      020FALWAK5EA1E  F 051TF                    09510073    + 02400                 RW09  K5PGB JS
        SUSAP 14G K5FR09   R      020FALWAK5EA2WN          N          ALNAV                                                    JS
        SUSAP 14G K5FR09   R      030RW09 K5PG0GY M 031TF                    09520053      00693               -305           B JS
        SUSAP 14G K5FR09   R      040KADBYK5EA0EYM R010DF                               + 02600                              B JS
        SUSAP 14G K5FR09   R      050KADBYK5EA0EE  R020HM                    09510040    + 02600                              B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 14G K5GRW09    0041370953 N41200321W083100103+0200    +016380065301264006OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 14G K5SRW09 K5PG              0   18018003125                                                                    M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 663 TDZE: 663	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FREMONT, OH	AIRPORT NAME: FREMONT	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HALOK	HALOK	010	IAF	IF		FB				
	HALOK	KADBY	020		TF		FB	1.0	185.1(180T)	006.8	02600
	KADBY	KADBY	010	IAF	HF	R	FO		095.1(090T)	004.0	02600
	TUMAY	TUMAY	010	IAF	IF		FB				
	TUMAY	KADBY	020		TF		FB	1.0	005.1(000T)	007.0	02600
		KADBY	010	FACF	IF		FB				02600
		FALWA	020	FAF	TF		FB	0.5	095.1(090T)	007.3	02400
		RW09	030	MAP	TF		FO	0.3	095.2(090T)	005.3	00693

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KADBY	040		DF	R	FO	1.0			02600
	KADBY	050		HM	R	FO	2.0	095.1(090T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FALWA	N412004.49	W0831701.76	N4120.075	W08317.029
	HALOK	N412655.73	W0832643.97	N4126.929	W08326.733
	KADBY	N412005.56	W0832644.83	N4120.093	W08326.747
	TUMAY	N411303.07	W0832645.71	N4113.051	W08326.762
	RW09	N412003.21	W0831001.03	N4120.054	W08310.017

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00653	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FREMONT, OH	**ELEVATION: 663 TDZE: 663** AIRPORT NAME: **FREMONT**	**RNAV**	**RNAV (GPS) RWY 9, ORIG** 22 OCT 2009	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, NA - ENVIRONMENTAL
RWY 09, 27, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09, TRAIN 268' FROM DER, 516' RIGHT OF CENTERLINE, 23' AGL/677' MSL. TREES BEGINNING 3269' FROM DER, 1265' RIGHT OF CENTERLINE, UP TO 100' AGL/754' MSL. MULTIPLE TREES AND BUILDINGS BEGINNING 320' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/749' MSL.
NOTE: RWY 27, ROAD 65' FROM DER, 4' RIGHT OF CENTERLINE, 15' AGL/669' MSL. TREES BEGINNING 2230' FROM DER, 834' LEFT OF CENTERLINE, UP TO 100' AGL/754' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
FREMONT, OH.	FREMONT	22 OCT 2009	2

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
VWV VOR/DME (IAF)	PEMBE INT/VWV 10.00 DME	110.11 / 10.00	2400
PEMBE INT/VWV 10.00 DME (IF)	HELIO INT/VWV 17.00 DME	110.11 / 7.00 (VWV R-110)	2300

MISSED APPROACH

MAP: 5.43 MILES AFTER HELIO INT/VWV 17.00 DME OR AT VWV 22.43 DME FIX

CLIMBING RIGHT TURN TO 2300 VIA VWV VOR/DME R-110 TO HELIO INT/VWV 17.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 110.11 INBOUND.
CHART FAS OBST: 937 TOWER 412242N/0831308W
HELIO TO RW09: 2.94/55.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VWV VOR/DME
3. FAC 110.11 FAF HELIO INT/VWV 17.00 DME DIST FAF TO MAP 5.43 THLD 5.43
4. MIN. ALT VWV VOR/DME 2500, PEMBE 2400, HELIO 2300
8. MSA FROM: VWV VOR/DME 3100

MAG VAR: 2W 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-9	1260	1	597	1260	1 1/4	597	1260	1 1/2	597	1260	1 3/4	597			
CIRCLING	1260	1	597	1260	1 1/4	597	1260	1 1/2	597	1260	2	597			

NOTES:

CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART NOTE: ADF OR DME REQUIRED
CHART NOTE: USE SANDUSKY COUNTY REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED, USE METCALF FIELD ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE S-9 CATS C AND D AND CIRCLING CAT C
SEE 8260-10

CITY AND STATE	ELEVATION: 663 TDZE: 663	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FREMONT, OH	AIRPORT NAME: FREMONT	VWV	VOR RWY 9, AMDT 6 22 OCT 2009	SUP VOR OR GPS RWY 9 AMDT 5A DATE 02/02/1984

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VWV VOR/DME VIA V467 NORTHEAST BOUND AND VIA AIRWAY RADIALS 093 CW 150.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FREMONT, OH	**ELEVATION: 663 TDZE: 663** AIRPORT NAME: **FREMONT**	**VWV**	**VOR RWY 9, AMDT 6** 22 OCT 2009	SUP: **VOR OR GPS RWY 9** AMDT: **5A** DATED: **02/02/1984**

U.S. Department of Transportation
Federal Aviation Administration

RNAV (GPS) - 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
WIPLO (IAF) (40E) (43A)	VECUC (TF) (FB) (40E) (41E)	061.22/12.26	8000
JONWE (IAF) (40E) (43A)	VECUC (TF) (FB) (40E) (41E)	140.68/13.73	8000
VECUC (IF) (40E) (43I)	UDEYI (TF) (FB) (40E) (42S)	090.42/4.11	6800
UDEYI (40E) (43I)	JUVUL (TF) (FB) (40E) (43F)	090.48/2.02	6300
JUVUL (FAF) (40E) (43F)	(WIXOX) (TF) (FO) (40E) (41Y) (43M)	090.51/7.07	
(WIXOX) (MAP) (40E) (41Y) (43M)	4103 MSL (CA) (42M)	090.51	
4103 MSL	YERPU (DF) (FB) (40E)		
YERPU (40E)	OXVEN (TF) (FO) (40E) (41E) (43H)	57.43/39.89	12000

MISSED APPROACH

LPV: DA

CLIMB TO 12000 DIRECT YERPU THEN VIA 057.43 TRACK TO OXVEN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12,000.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VECUC
3. FAC: 090.51 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VECUC 8000, UDEYI 6800, JUVUL 6300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6300 GS ALT AT: JUVUL 6300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.40 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM: (WIXOX) 10300

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 275.00 INBOUND
DISTANCE TO THLD FROM 600 HAT: 1.57 NM.
CHART FINAL APPROACH COURSE OFFSET 2.2 DEGREES
FAC CROSSES RWY C/L EXTENDED 8304 FROM THLD.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1:W
ROUTE TYPE QUALIFIER 2:S
REFERENCE PATH ID: W09A
WAAS CHANNEL # 73010
CHART: (WIXOX) AT 442417.30N/1185848.45W

MAG VAR: 17E 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	4269	2	600	4269	2	600	4269	2	600		NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CITY AND STATE	ELEVATION: 3703 TDZE: 3669 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
JOHN DAY, OR	GRANT CO RGNL/OGILVIE FIELD	RNAV	22 OCT 2009 RNAV (GPS) Z RWY 9, 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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER INDENTIFIER	0
AIRPORT IDENTIFIER	KGCD
RUNWAY	RW09
APPROACH PERFORMANCE IDENTIFIER	0
ROUTE IDENTIFIER	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	442417.3000N
LTP/FTP LONGITUDE	1185848.4500W
LTP ELLIPSOIDAL HEIGHT	+10936
FPAP LATITUDE	442350.3100N
FPAP LONGITUDE	1185650.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR	F
GLIDEPATH ANGLE	03.40
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5BCB71F8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+11118
FPAP ORTHOMETRIC HEIGHT	+11118

CITY AND STATE	ELEVATION: 3703 TDZE: 3669 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
JOHN DAY, OR	GRANT CO RGNL/OGILVIE FIELD	RNAV	22 OCT 2009 RNAV (GPS) Z RWY 9, ORIG	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR OR TACAN 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
SJU VORTAC	ANTEN INT/SJU 6.00 DME	262.00 / 6.00	2000
WALNA/SJU 12.00 DME CCW (IAF)	BARVE/SJU 12.00 DME (NOPT)	12.00 DME ARC (SJU LR-272)	2200
BARVE/SJU 12.00 DME (IF)	CETLO/SJU 9.00 DME	082.00 / 3.00 (SJU R-262)	2100
CETLO/SJU 9.00 DME	ANTEN INT/SJU 6.00 DME	082.00 / 3.00 (SJU R-262)	1700

MISSED APPROACH

MAP: 4.49 MILES AFTER ANTEN INT/SJU 6.00 DME OR AT FPNMR/SJU 1.51 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 320 AND SJU VORTAC R-004 OUTBOUND TO DEEDY INT/SJU VORTAC 15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.77 INBOUND.
CHART FAS OBST: 297 BLDG 182430N/0660325W
CHART: 448 TWR 182443N/0660538W
CHART VDP AT 3.02 DME;
DISTANCE VDP TO THLD 1.51 MILES.
CHART SJU R-004 AT WALNA.
ANTEN TO RW08: 3.45/46.
FAC 66R OF RWY C/L EXTENDED 3000 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ANTEN, LT, 082.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC 082.00 FAF ANTEN INT/SJU 6.00 DME DIST FAF TO MAP 4.49 THLD 4.49
4. MIN. ALT ANTEN 1700
8. MSA FROM: SJU VORTAC 100-280 5100, 280-100 2200

MAG VAR: 11W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-8	560	1/2	551	560	1/2	551	560	1	551	560	1 1/4	551	560	1 1/2	551
CIRCLING	600	1	591	600	1	591	600	1 1/2	591	600	2	591	900	3	891

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-8 CAT E VISIBILITY TO 2 MILES.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: COURSE REVERSAL NA FOR CAT E.

@ CAT E 900-3

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR RWY 8
SAN JUAN, PR	AIRPORT NAME: LUIS MUNOZ MARIN INTL	SJU	VOR OR TACAN RWY 8, AMDT 1 22 OCT 2009	AMDT ORIG
				DATE 08/08/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SJU VORTAC	ANTEN INT/SJU 6.00 DME	262.00 / 6.00	2000
WALNA/SJU 12.00 DME CW (IAF)	BARVE/SJU 12.00 DME (NOPT)	12.00 DME ARC (SJU LR-272)	2200
BARVE/SJU 12.00 DME (IF)	CETLO/SJU 9.00 DME	082.00 / 3.00 (SJU R-262)	2100
CETLO/SJU 9.00 DME	ANTEN INT/SJU 6.00 DME	082.00 / 3.00 (SJU R-262)	1700

MISSED APPROACH

MAP: 4.41 MILES AFTER ANTEN INT/6.00 DME OR AT FPNMR/SJU 1.51 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 320 AND SJU VORTAC R-004 TO DEEDY INT/15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.77 INBOUND.
CHART FAS OBST: 297 BLDG 182430N/0660325W
CHART: 448 TWR 182443N/0660538W
CHART VDP AT 3.10 DME;
DISTANCE VDP TO THLD 1.57 MILES.
CHART SJU R-004 AT WALNA.
ANTEN TO RW10: 3.47/50.
FAC CROSSES RWY C/L EXTENDED 4946 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ANTEN, LT, 082.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC 082.00 FAF ANTEN INT/SJU 6.00 DME DIST FAF TO MAP 4.41 THLD 4.45
4. MIN. ALT ANTEN 1700
8. MSA FROM: SJU VORTAC 100-280 5100, 280-100 2200

MAG VAR: 11W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	560	1	551	560	1	551	560	1 1/2	551	560	1 3/4	551	560	2	551
CIRCLING	600	1	591	600	1	591	600	1 1/2	591	600	2	591	900	3	891

NOTES:

CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: COURSE REVERSAL NA FOR CAT E.

@ CAT E 900-3

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR RWY 10
SAN JUAN, PR	AIRPORT NAME: LUIS MUNOZ MARIN INTL	SJU	VOR OR TACAN RWY 10, AMDT 1 22 OCT 2009	AMDT ORIG
				DATE 08/08/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR OR TACAN 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
DDP NDB	SJU VORTAC	104.05 / 24.15	2200
PATTY LOM	SJU VORTAC	079.54 / 6.12	2000
SJU VORTAC	PAESO/5.00 DME/RADAR	069.00 / 5.00	1600
ISLLA/SJU 11.00 DME CCW (IAF)	ARETE/SJU 11.00 DME (NOPT)	11.00 DME ARC	1600
DONKE/SJU 11.00 DME CW (IAF)	ARETE/SJU 11.00 DME (NOPT)	11.00 DME ARC	1600
ARETE/SJU 11.00 DME (IF)	PAESO/SJU 5.00 DME/RADAR	249.00 / 6.00 (SJU R-069)	1600

MISSED APPROACH

MAP: SJU VORTAC

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 045 AND SJU VORTAC R-004 TO DEEDY INT/SJU 15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 183.77 INBOUND.
CHART FAS OBST: 111 TREE 182714N/0655843W
CHART SJU R-345 AT DONKE.
CHART SJU R-097 AT ISLLA.
PAESO TO RW26: 3.00/45.
FAC CROSSES RWY C/L EXTENDED 5184 FROM THLD.

1. PT L SIDE OF COURSE 069.00 OUTBOUND 1600 FT WITHIN 15 MILES OF PAESO (IAF)
2.
3. FAC 249.00 FAF PAESO/SJU 5.00 DME/RADAR DIST FAF TO MAP THLD 4.87
4. MIN. ALT PAESO 1600
8. MSA FROM: SJU VORTAC 100-280 5100, 280-100 2200

MAG VAR: 11W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-26	440	1	433	440	1	433	440	1 1/4	433	440	1 1/2	433	440	1 1/2	433
CIRCLING	600	1	591	600	1	591	600	1 1/2	591	600	2	591	900	3	891

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

@ CAT E 900-3

QUALITY CHECKED

CITY AND STATE	ELEVATION: 9 TDZE: 7 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP / AMDT / DATE
SAN JUAN, PR	LUIS MUNOZ MARIN INTL	SJU	VOR OR TACAN RWY 26, AMDT 20 22 OCT 2009	VOR RWY 26 19 08/30/2007

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 5, 23 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 230' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/871' MSL.

NOTE: RWY 23, TREES BEGINNING 580' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/930' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No
SPARTANBURG, SC	SPARTANBURG DOWNTOWN MEMORIAL	22 OCT 2009	ORIG

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 22 OCT 2009

QUALITY CHECKED 6

CITY AND STATE	ELEVATION: 182 TDZE: 182	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SUMTER, SC	AIRPORT NAME: **SUMTER**	**GPS**	**GPS RWY 23, ORIG, 12/05/1996**	AMDT **NONE**
				DATE

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
COINT INT	SMS NDB	092.55 / 13.59	2000
CHART INT	SMS NDB	235.87 / 8.01	2000
PEGIE INT	SMS NDB	281.51 / 20.95	2000

MISSED APPROACH

MAP: SMS NDB

CLIMB TO 2000 THEN CLIMBING LEFT TURN DIRECT SMS NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 217.25 INBOUND.
CHART FAS OBST: 350 TOWER 340633N/0801826W
CHART R-6002A.
CHART TDZE 182
CHART APT ELEV 182
FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.

1. PT R SIDE OF COURSE 037.25 OUTBOUND 2000 FT WITHIN 10 MILES OF SMS NDB (IAF)
2.
3. FAC 217.25 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: SMS NDB 3100

MAG VAR: 7W 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-23	700	3/4	518	700	3/4	518	700	1 1/2	518	700	1 3/4	518			
CIRCLING	700	1	518	700	1	518	700	1 1/2	518	760	2	578			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-23 CAT C.
CHART NOTE: PROCEDURE NA WHEN R-6002A IS ACTIVE.
CHART NOTE: CIRCLING NA TO RWY 14-32.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMDEN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 182 TDZE: 182	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SUMTER, SC	AIRPORT NAME: SUMTER	SMS	NDB RWY 23, AMDT 3 22 OCT 2009	AMDT 2C
				DATE 09/28/2006

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
HAVPI (IAF)	KOENG (NOPT) (FB)	140.04 / 5.00	2400
FEDLU (IAF)	KOENG (NOPT) (FB)	320.12 / 5.00	2400
KOENG (IF/IAF)	LYNAM (FB)	050.08 / 6.10	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 2400 DIRECT GAUGH AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 230.26 INBOUND.
CHART FAS OBST: 265 TREE 335917N/0802225W
CHART FAS OBST: 635 TOWER 335657N/0802333W
CHART R-6002A.
DISTANCE TO THLD FROM 200 HAT: 0.51 NM.
CHART VDP AT 2.31 MILES TO RW05* *LNAV ONLY.
WAAS CHANNEL # 61215
REFERENCE PATH ID: W05A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW KOENG, RT, 050.08 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC: 050.13 FAF: LYNAM DIST FAF TO MAP: 5.20 THLD: 5.20
4. MIN. ALT: KOENG 2400, LYNAM 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: LYNAM 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 7W EPOCH YEAR: 2010

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	381	3/4	200	381	3/4	200	381	3/4	200	381	3/4	200			
LNAV/VNAV DA	535	1 1/4	354	535	1 1/4	354	535	1 1/4	354	535	1 1/4	354			
LNAV MDA	940	1	759	940	1 1/4	759	940	2 1/4	759	940	2 1/2	759			
CIRCLING	940	1	758	940	1 1/4	758	940	2 1/4	758	940	2 1/2	758			

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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: PROCEDURE NA WHEN R-6002A IS ACTIVE.
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 182 TDZE: 181	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) RWY 5, ORIG 22 OCT 2009	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: CIRCLING NA TO RWY 14-32.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMDEN ALTIMETER SETTING AND INCREASE ALL DA 65 FEET AND ALL MDA 80 FEET AND LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CATS C/D, AND CIRCLING CATS C/D VISIBILITIES 1/4 MILE.
CHART NOTE: VDP AND BARO/VNAV NA WHEN USING CAMDEN ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	320/30 CW 140/30 (NOPT)	320/10 CW 140/10	3100
2.	320/10 CW 140/10	KOENG (IF/IAF) (FB)	2400
3.	140/30 CW 230/30	140/7 CW 230/7	3100
4.	140/7 CW 230/7	HAVPI (IAF) (FB)	2400
5.	230/30 CW 320/30	FEDLU (IAF) (FB)	2400

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	ELEVATION: 182 TDZE: 181 AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) RWY 5, ORIG 22 OCT 2009	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	KSMS
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	335924.6815N
LTP/FTP LONGITUDE	0802203.7645W
LTP/FTP ELLIPSOIDAL HEIGHT	+00227
FPAP LATITUDE	340029.7700N
FPAP LONGITUDE	0802050.4300W
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)	35.0
CRC REMAINDER	43C8A4EF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00545
FPAP ORTHOMETRIC HEIGHT	+00545

QUALITY CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FEDLU K70    W     N33474361W080265780                              NAR          FEDLU
        SUSAEAENRT   GAUGH K70    W     N34081850W080120121                              NAR          GAUGH
        SUSAEAENRT   HAVPI K70    W     N33543416W080354401                              NAR          HAVPI
        SUSAEAENRT   KOENG K70    W     N33510896W080312073                              NAR          KOENG
        SUSAEAENRT   LYNAM K70    W     N33553646W080262050                              NAR          LYNAM

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7ASMS     0     055YHN33594209W080214078W007000182         1800018000C    MNAR    SUMTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7FR05   AFEDLU 010FEDLUK7EA0E  A    IF                                                18000               A JS
        SUSAP KSMSK7FR05   AFEDLU 020KOENGK7EA0EE   010TF                    32010050    + 02400                              A JS
        SUSAP KSMSK7FR05   AHAVPI 010HAVPIK7EA0E  A    IF                                                18000               A JS
        SUSAP KSMSK7FR05   AHAVPI 020KOENGK7EA0EE   010TF                    14000050    + 02400                              A JS
        SUSAP KSMSK7FR05   AKOENG 010KOENGK7EA0EE AR   HF                     05010040    + 02400     18000                    A JS
        SUSAP KSMSK7FR05   R      010KOENGK7EA0E  I    IF                                + 02400     18000                    A JS
        SUSAP KSMSK7FR05   R      020LYNAMK7EA1E  F 051TF                     05010061    + 01900                              A JS
        SUSAP KSMSK7FR05   R      020LYNAMK7EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KSMSK7FR05   R      030RW05 K7PG0GY M 031TF                     05010052      00219              -300            A JS
        SUSAP KSMSK7FR05   R      040GAUGHK7EA0EYM  010DF                               + 02400                              A JS
        SUSAP KSMSK7FR05   R      050GAUGHK7EA0EE  L020HM                     23030040    + 02400                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7GRW05    0055010502 N33592468W080220376+0100    +00227001790000040099R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7PR05   RW05 001 0000W05A0N3359246815W08022037645+002270300N3400297700W0802050430010675107200040OF40035043C8A4EF
        SUSAP KSMSK7PR05   RW05 002E      +00545+00545LPV       61215
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 182 TDZE: 181	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) RWY 5, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEDLU	FEDLU	010	IAF	IF		FB				
	FEDLU	KOENG	020		TF		FB	1.0	320.1(313T)	005.0	02400
	HAVPI	HAVPI	010	IAF	IF		FB				
	HAVPI	KOENG	020		TF		FB	1.0	140.0(133T)	005.0	02400
	KOENG	KOENG	010	IAF	HF	R	FO		050.1(043T)	004.0	02400
		KOENG	010	FACF	IF		FB				02400
		LYNAM	020	FAF	TF		FB	0.5	050.1(043T)	006.1	01900
		RW05	030	MAP	TF		FO	0.3	050.1(043T)	005.2	00219

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GAUGH	040		DF		FO	1.0			02400
	GAUGH	050		HM	L	FO	2.0	230.3(223T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FEDLU	N334743.61	W0802657.80	N3347.727	W08026.963
	GAUGH	N340818.50	W0801201.21	N3408.308	W08012.020
	HAVPI	N335434.16	W0803544.01	N3354.569	W08035.734
	KOENG	N335108.96	W0803120.73	N3351.149	W08031.346
	LYNAM	N335536.46	W0802620.50	N3355.608	W08026.342
	RW05	N335924.68	W0802203.76	N3359.411	W08022.063

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00179	40

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	ELEVATION: 182 TDZE: 181 AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) RWY 5, ORIG 22 OCT 2009	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
CIKVO (IAF)	GAUGH (NOPT) (FB)	320.30 / 5.00	2400
ALVAH (IAF)	GAUGH (NOPT) (FB)	140.22 / 5.00	2400
GAUGH (IF/IAF)	AGOZE (FB)	230.26 / 6.10	1900

MISSED APPROACH

LNAV: RW23

CLIMBING LEFT TURN TO 2400 DIRECT GAUGH AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 279 TREES 340040N/0802056W
CHART R-6002A.
CHART VDP AT 1.17 MILES TO RW23.
AGOZE TO RW23: 3.04/44.
CHART TDZE 182
CHART APT ELEV 182

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE GAUGH, LT, 230.26 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC: 230.21 FAF: AGOZE DIST FAF TO MAP: 5.18 THLD: 5.18
4. MIN. ALT: GAUGH 2400, AGOZE 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 CLEAR
8. MSA FROM: ____

MAG VAR: 7W EPOCH YEAR: 2010

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	3/4	418	600	3/4	418	600	1 1/4	418	600	1 1/4	418			
CIRCLING	640	1	458	640	1	458	640	1 1/2	458	760	2	578			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING NA TO RWY 14-32.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMDEN ALTIMETER SETTING AND INCREASE SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SUMTER, SC	ELEVATION: 182 TDZE: 182 AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) Y RWY 23, ORIG 22 OCT 2009	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.

NOTES CONT.
ALL MDA 80 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING CAMDEN ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	140/30 CW 320/30 (NOPT)	GAUGH (IF/IAF) (FB)	2400
2.	320/30 CW 050/30	CIKVO (IAF) (FB)	2400
3.	050/30 CW 140/30	050/20 CW 140/20	3100
4.	050/20 CW 140/20	ALVAH (IAF) (FB)	2400

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	ELEVATION: 182 TDZE: 182 AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) Y RWY 23, ORIG 22 OCT 2009	AMDT: NONE DATED:

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AGOZE K70    W     N34035148W080170299                              NAR           AGOZE
        SUSAEAENRT   ALVAH K70    W     N34114438W080162460                              NAR           ALVAH
        SUSAEAENRT   CIKVO K70    W     N34045247W080073818                              NAR           CIKVO
        SUSAEAENRT   GAUGH K70    W     N34081850W080120121                              NAR           GAUGH

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7ASMS     0     055YHN33594209W080214078W007000182         1800018000C    MNAR    SUMTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7FR23-Y AALVAH 010ALVAHK7EA0E  A    IF                                          18000                B JS
        SUSAP KSMSK7FR23-Y AALVAH 020GAUGHK7EA0EE   010TF                    14020050    + 02400                       B JS
        SUSAP KSMSK7FR23-Y ACIKVO 010CIKVOK7EA0E  A    IF                                          18000                B JS
        SUSAP KSMSK7FR23-Y ACIKVO 020GAUGHK7EA0EE   010TF                    32030050    + 02400                       B JS
        SUSAP KSMSK7FR23-Y AGAUGH 010GAUGHK7EA0EE AL   HF                    23030040    + 02400     18000             B JS
        SUSAP KSMSK7FR23-Y R      010GAUGHK7EA0E  I    IF                                + 02400     18000             B JS
        SUSAP KSMSK7FR23-Y R      020AGOZEK7EA1E  F 051TF                    23030061    + 01900                       B JS
        SUSAP KSMSK7FR23-Y R      020AGOZEK7EA2WN          N        ALNAV                                               JS
        SUSAP KSMSK7FR23-Y R      030RW23 K7PG0GY M 031TF                    23020052      00226           -304        B JS
        SUSAP KSMSK7FR23-Y R      040GAUGHK7EA0EYM L010DF                                + 02400                       B JS
        SUSAP KSMSK7FR23-Y R      050GAUGHK7EA0EE  L020HM                    23030040    + 02400                       B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7GRW23     0055012302 N34000437W080211906-0100     +00236001820000440 99R
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	**ELEVATION: 182 TDZE: 182** AIRPORT NAME: **SUMTER**	**RNAV**	**RNAV (GPS) Y RWY 23, ORIG** 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ALVAH	ALVAH	010	IAF	IF		FB				
	ALVAH	GAUGH	020		TF		FB	1.0	140.2(133T)	005.0	02400
	CIKVO	CIKVO	010	IAF	IF		FB				
	CIKVO	GAUGH	020		TF		FB	1.0	320.3(313T)	005.0	02400
	GAUGH	GAUGH	010	IAF	HF	L	FO		230.3(223T)	004.0	02400
		GAUGH	010	FACF	IF		FB				02400
		AGOZE	020	FAF	TF		FB	0.5	230.3(223T)	006.1	01900
		RW23	030	MAP	TF		FO	0.3	230.2(223T)	005.2	00226

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GAUGH	040		DF	L	FO	1.0			02400
	GAUGH	050		HM	L	FO	2.0	230.3(223T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGOZE	N340351.48	W0801702.99	N3403.858	W08017.050
	ALVAH	N341144.38	W0801624.60	N3411.740	W08016.410
	CIKVO	N340452.47	W0800738.18	N3404.875	W08007.636
	GAUGH	N340818.50	W0801201.21	N3408.308	W08012.020
	RW23	N340004.37	W0802119.06	N3400.073	W08021.318

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00182	44

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SUMTER, SC	ELEVATION: 182 TDZE: 182 AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) Y RWY 23, ORIG 22 OCT 2009	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
CIKVO (IAF)	GAUGH (NOPT) (FB)	320.30 / 5.00	2400
ALVAH (IAF)	GAUGH (NOPT) (FB)	140.22 / 5.00	2400
GAUGH (IF/IAF)	AGOZE (FB)	230.26 / 6.10	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 2400 DIRECT KOENG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 050.08 INBOUND.
CHART FAS OBST: 279 TREES 340040N/0802056W
CHART R-6002A.
DISTANCE TO THLD FROM 200 HAT: 0.49 NM.
CHART VDP AT 0.99 MILES TO RW23* *LNAV ONLY.
WAAS CHANNEL # 65915
REFERENCE PATH ID: W23A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE GAUGH, LT, 230.26 INBOUND, 2400 FT. IN LIEU OF PT (IAF)**
3. FAC: **230.21** FAF: **AGOZE** DIST FAF TO MAP: **5.18** THLD: **5.18**
4. MIN. ALT: **GAUGH 2400, AGOZE 1900**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1900** GS ALT AT: **AGOZE 1900** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **44.1** **34:1 IS CLEAR**
8. MSA FROM:

MAG VAR: **7W** EPOCH YEAR: **2010**

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	382	3/4	200	382	3/4	200	382	3/4	200	382	3/4	200			
LNAV/VNAV DA	576	1 1/2	394	576	1 1/2	394	576	1 1/2	394	576	1 1/2	394			
LNAV MDA	540	3/4	358	540	3/4	358	540	3/4	358	540	1 1/4	358			
CIRCLING	640	1	458	640	1	458	640	1 1/2	458	760	2	578			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA WHEN R-6002A IS ACTIVE.
CHART NOTE: CIRCLING NA TO RWY 14-32.
SEE 8260-10

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 182 TDZE: 182	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	AIRPORT NAME: **SUMTER**	**RNAV**	**RNAV (GPS) Z RWY 23, ORIG** 22 OCT 2009	AMDT: **NONE**
				DATED

NOTES CONT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAMDEN ALTIMETER SETTING AND INCREASE ALL DA 65 FEET AND ALL MDA 80 FEET AND LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CATS C/D VISIBILITIES 1/4 MILE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C WHEN USING CAMDEN ALTIMETER SETTING.
CHART NOTE: VDP AND BARO/VNAV NA WHEN USING CAMDEN ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	140/30 CW 320/30 (NOPT)	GAUGH (IF/IAF) (FB)	2400
2.	320/30 CW 050/30	CIKVO (IAF) (FB)	2400
3.	050/30 CW 140/30	050/20 CW 140/20	3100
4.	050/20 CW 140/20	ALVAH (IAF) (FB)	2400

QUALITY CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSMS
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	340004.3685N
LTP/FTP LONGITUDE	0802119.0645W
LTP/FTP ELLIPSOIDAL HEIGHT	+00236
FPAP LATITUDE	335859.2700N
FPAP LONGITUDE	0802232.3700W
THRESHOLD CROSSING HEIGHT (TCH)	00044.1
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)	35.0
CRC REMAINDER	9BD17B39

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00554
FPAP ORTHOMETRIC HEIGHT	+00554

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 PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AGOZE K70    W     N34035148W080170299                                  NAR          AGOZE
        SUSAEAENRT   ALVAH K70    W     N34114438W080162460                                  NAR          ALVAH
        SUSAEAENRT   CIKVO K70    W     N34045247W080073818                                  NAR          CIKVO
        SUSAEAENRT   GAUGH K70    W     N34081850W080120121                                  NAR          GAUGH
        SUSAEAENRT   KOENG K70    W     N33510896W080312073                                  NAR          KOENG

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7ASMS     0     055YHN33594209W080214078W007000182         1800018000C    MNAR    SUMTER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7FR23-Z AALVAH 010ALVAHK7EA0E  A    IF                                                18000                A JS
        SUSAP KSMSK7FR23-Z AALVAH 020GAUGHK7EA0EE   010TF                      14020050    + 02400                              A JS
        SUSAP KSMSK7FR23-Z ACIKVO 010CIKVOK7EA0E  A    IF                                                18000                A JS
        SUSAP KSMSK7FR23-Z ACIKVO 020GAUGHK7EA0EE   010TF                      32030050    + 02400                              A JS
        SUSAP KSMSK7FR23-Z AGAUGH 010GAUGHK7EA0EE AL   HF                      23030040    + 02400     18000                    A JS
        SUSAP KSMSK7FR23-Z R      010GAUGHK7EA0E  I    IF                                  + 02400     18000                    A JS
        SUSAP KSMSK7FR23-Z R      020AGOZEK7EA1E  F 051TF                      23030061    + 01900                              A JS
        SUSAP KSMSK7FR23-Z R      020AGOZEK7EA2WALPV       ALNAV/VNAV ALNAV                                                        JS
        SUSAP KSMSK7FR23-Z R      030RW23 K7PG0GY M 031TF                      23020052      00226              -300            A JS
        SUSAP KSMSK7FR23-Z R      040KOENGK7EA0EYM  010DF                                  + 02400                              A JS
        SUSAP KSMSK7FR23-Z R      050KOENGK7EA0EE  R020HM                      05010040    + 02400                              A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7GRW23    0055012302 N34000437W080211906-0100    +0023600182000044099R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSMSK7PR23-Z RW23 001Z0000W23A0N3400043685W08021190645+002360300N3358592700W080223237001067510720004 41F4003509BD17B39
        SUSAP KSMSK7PR23-Z RW23 002E      +00554+00554LPV       65915
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 182 TDZE: 182	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMTER, SC	AIRPORT NAME: SUMTER	RNAV	RNAV (GPS) Z RWY 23, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ALVAH	ALVAH	010	IAF	IF		FB				
	ALVAH	GAUGH	020		TF		FB	1.0	140.2(133T)	005.0	02400
	CIKVO	CIKVO	010	IAF	IF		FB				
	CIKVO	GAUGH	020		TF		FB	1.0	320.3(313T)	005.0	02400
	GAUGH	GAUGH	010	IAF	HF	L	FO		230.3(223T)	004.0	02400
		GAUGH	010	FACF	IF		FB				02400
		AGOZE	020	FAF	TF		FB	0.5	230.3(223T)	006.1	01900
		RW23	030	MAP	TF		FO	0.3	230.2(223T)	005.2	00226

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KOENG	040		DF		FO	1.0			02400
	KOENG	050		HM	R	FO	2.0	050.1(043T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGOZE	N340351.48	W0801702.99	N3403.858	W08017.050
	ALVAH	N341144.38	W0801624.60	N3411.740	W08016.410
	CIKVO	N340452.47	W0800738.18	N3404.875	W08007.636
	GAUGH	N340818.50	W0801201.21	N3408.308	W08012.020
	KOENG	N335108.96	W0803120.73	N3351.149	W08031.346
	RW23	N340004.37	W0802119.06	N3400.073	W08021.318

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00182	44

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SUMTER, SC	**ELEVATION: 182 TDZE: 182** AIRPORT NAME: **SUMTER**	**RNAV**	**RNAV (GPS) Z RWY 23, ORIG** 22 OCT 2009	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 14, 32, NA-VFR ONLY.
RWY 5, STANDARD.
RWY 23, STANDARD WITH MINIMUM CLIMB OF 221 FT PER NM TO 800 OR 900-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 23 - FOR CLIMB IN VISUAL CONDITIONS: CROSS SUMTER AIRPORT AT OR ABOVE 900 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 23, TREES BEGINNING 2876' FROM DER, 559' LEFT OF CENTERLINE, UP TO 72' AGL/251' MSL. TREES BEGINNING 117' FROM DER, 210' RIGHT OF CENTERLINE, UP TO 86' AGL/265' MSL.

(4) CONTROLLING OBSTACLES:

RWY 23: 635 MSL TOWER 335657.00N/0802333.00W.
RWY 23 (VCOA): 635 MSL TOWER 335657.00N/0802333.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
SUMTER, SC	SUMTER	22 OCT 2009	1

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
OPLOW/9.00 DME CW (IAF)	DMEJO/9.00 DME (NOPT)	9.00 DME ARC (ABR LR-111)	3000
OPNAH/9.00 DME CCW (IAF)	DMEJO/9.00 DME (NOPT)	9.00 DME ARC (ABR LR-137)	3000
DMEJO/9.00 DME (IF)	ABR VOR/DME	303.79 / 9.00	2100

MISSED APPROACH

MAP: 2.25 MILES AFTER ABR VOR/DME OR AT ABR 2.25 DME FIX

CLIMB TO 3000 THEN RIGHT TURN DIRECT ABR VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 304.00 INBOUND.
CHART FAS OBST: 1329 TREE 452547N/0982400W
CHART VDP AT 1.33 DME;
DISTANCE VDP TO THLD 0.92 MILES.
CHART ABR R-225 AT OPNAH.
CHART ABR R-031 AT OPLOW.
ABR VOR/DME TO RW31: 3.07/67.

1. PT L SIDE OF COURSE 123.79 OUTBOUND 3000 FT WITHIN 10 MILES OF ABR VOR/DME (IAF)
2.
3. FAC 303.79 FAF ABR VOR/DME DIST FAF TO MAP 2.25 THLD 2.25
4. MIN. ALT ABR VOR/DME 2100
8. MSA FROM: ABR VOR/DME 330-150 4100, 150-330 3000

MAG VAR: 7E 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-31	1660	1/2	359	1660	1/2	359	1660	1/2	359	1660	1	359			
CIRCLING	1760	1	458	1760	1	458	1760	1 1/2	458	1860	2	558			

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-31 CAT D VISIBILITY TO 1 1/4.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERTOWN ALTIMETER SETTING AND INCREASE ALL MDA 220 FEET, INCREASE S-31 CAT C VISIBILITY 1/2 MILE, CAT D VISIBILITY 1/4 MILE, AND CIRCLING CATS C AND D 1/2 MILE.
CHART NOTE: VDP NA WHEN USING WATERTOWN ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 6

CITY AND STATE	ELEVATION: 1302 TDZE: 1301	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY 31
ABERDEEN, SD	AIRPORT NAME: ABERDEEN REGIONAL	ABR	VOR RWY 31, AMDT 21 22 OCT 2009	AMDT 20A
				DATE 02/19/2004

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
ABR VOR/DME	DASHL/8.00 DME	305.23 / 8.00	3000
OPILY/16.00 DME CCW (IAF)	HAKRE/16.00 DME (NOPT)	16.00 DME ARC (ABR LR-313)	3000
OPJIM/16.00 DME CW (IAF)	HAKRE/16.00 DME (NOPT)	16.00 DME ARC (ABR LR-298)	3000
HAKRE/16.00 DME (IF)	DASHL/8.00 DME	125.23 / 8.00 (ABR R-305)	3000

MISSED APPROACH

MAP: ABR 3.38 DME FIX

CLIMB TO 3000 DIRECT ABR VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 305.00 INBOUND.
CHART FAS OBST: 1530 TOWER 452912N/0982951W
CHART VDP AT 4.73 DME;
DISTANCE VDP TO THLD 1.34 MILES.
CHART ABR R-225 AT OPJIM.
CHART ABR R-031 AT OPILY.
DASHL TO RW13: 2.95/51.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW DASHL, RT, 125.23 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC 125.23 FAF DASHL/8.00 DME DIST FAF TO MAP ____ THLD 4.62
4. MIN. ALT DASHL 3000
8. MSA FROM: ABR VOR/DME 330-150 4100, 150-330 3000

MAG VAR: 7E 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-13	1780	1	478	1780	1	478	1780	1 1/4	478	1780	1 1/2	478			
CIRCLING	1780	1	478	1780	1	478	1780	1 1/2	478	1860	2	558			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WATERTOWN ALTIMETER SETTING AND INCREASE ALL MDA 220 FEET, INCREASE S-13 CATS C AND D VISIBILITY 3/4 MILE AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE.
CHART NOTE: VDP NA WHEN USING WATERTOWN ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1302 TDZE: 1302	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS RWY 13
ABERDEEN, SD	AIRPORT NAME: ABERDEEN REGIONAL	ABR	VOR/DME RWY 13, AMDT 13 22 OCT 2009	AMDT 12A
				DATE 06/15/2000

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

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
HCH VORTAC	MINES/28.90 DME	060.44 / 28.90	5200
MINES/28.90 DME (IF/IAF)	GIGEL/22.88 DME	240.44 / 6.02 (HCH R-060)	3600

MISSED APPROACH

MAP: WIPUT/17.82 DME

CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 5200 VIA HEADING 020 AND HCH R-060 TO MINES/28.90 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1719 TREE 355844N/0843652W
GIGEL TO RW22: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE MINES, LT, 240.44 INBOUND, 5200 FT. IN LIEU OF PT (IAF)
3. FAC 240.44 FAF GIGEL/22.88 DME DIST FAF TO MAP ____ THLD 6.06
4. MIN. ALT MINES 5200, GIGEL 3600
8. MSA FROM: HCH VORTAC 4300

MAG VAR: 2W EPOCH YEAR:1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | | 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-22	2060	1 1/4	396	2060	1 1/4	396	2060	1 1/4	396	2060	1 1/2	396			
CIRCLING	2100	1 1/4	436	2140	1 1/4	476	2180	1 1/2	516	2260	2	596			

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 CROSSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1664 TDZE: 1664	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS RWY 22
ROCKWOOD, TN	AIRPORT NAME: ROCKWOOD MUNI	HCH	VOR/DME RWY 22, AMDT 6 22 OCT 2009	AMDT 5
				DATE 12/22/2005

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
MORRY (IF) (40E) (43I)	POPPA (TF) (FB) (RNP 1.00) (40E) (42S)	132.95 / 4.90	3000*
POPPA (40E) (42S)	HODAX (TF) (FB) (RNP 1.00) (40E) (43F)	132.98 / 2.29	2300
HODAX (FAF) (40E) (43F)	RW13R (TF) (FO) (40G) (41Y) (43M)	133.00 / 5.12	
RW13R (MAP) (40G) (41Y) (43M)	1200 MSL (CA) (RNP 2.00) (42M)	133.00	
1200 MSL (42M)	SLOTT (DF) (FO) (RNP 2.00) (40E) (41Y)		5000

MISSED APPROACH

MAP: DA

CLIMB TO 1200, THEN CLIMBING RIGHT TURN TO 5000 DIRECT SLOTT AND HOLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MORRY
3. FAC: 133.00 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: MORRY 3000*, POPPA 3000* *2300 WHEN ASSIGNED BY ATC
5. DIST TO THLD FROM OM: 5.12 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: HODAX 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0@ 34:1 IS CLEAR
8. MSA FROM: RW13R 3600

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 275.00 INBOUND
CHART FAS OBST: 708 POLE 325509N / 0970513W,
720 CAMERA POLE 325529N / 0970519W
DISTANCE TO THLD FROM 340 HAT: 0.90 NM
ROUTE TYPE: R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
@TCH 645.9 MSL (DO NOT CHART)

MAG VAR: 6E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.14 DA	931	3200	340	931	3200	340	931	3200	340	931	3200	340			
RNP 0.30# DA	1034	5000	443	1034	5000	443	1034	5000	443	1034	5000	443			
RNP 0.30 DA	1051	6000	460	1051	6000	460	1051	6000	460	1051	6000	460			

NOTES: CHART NOTES: FOR INOPERATIVE MALSR, INCREASE RNP 0.14 VISIBILITY TO RVR 6000 AND RNP 0.30 VISIBILITIES TO 1 1/2. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 47C (117F). GPS REQUIRED. #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 390 FEET PER NM TO 1100.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 591 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 13R, ORIG-B	AMDT: ORIG-A DATE 10/25/2007

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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
		MORRY	010	FACF	IF		FB				03000
		POPPA	011	SDF	TF		FB	1.0	133.0 (139T)	004.9	03000
		HODAX	020	FAF	TF		FB	1.0	133.0 (139T)	002.3	02300
		RW13R	030	MAP	TF		FO	0.3	133.0 (139T)	005.1	00646 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	2.0	133.0 (139T)		01200
	SLOTT	050		DF	R	FO	2.0			05000
	SLOTT	060		HM	R	FO	2.0	275.00 (281T)	004.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HODAX	N325826.90	W0970858.72	N3258.448	W09708.979W
	MORRY	N330353.00	W0971435.50	N3303.883	W09714.592W
	POPPA	N330010.78	W0971045.91	N3300.180	W09710.765W
	SLOTT	N325849.20	W0974400.15	N3258.820	W09744.003W
	RW13R	N325434.47	W0970459.28	N3254.575	W09704.988W

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13R	00591	55

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 591 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 13R, ORIG-B	AMDT: ORIG-A DATED: 10/25/2007

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
ZUREK (IAF) (40E) (43A)	WOLKA (TF) (FB) (RNP 1.00) (40E) (41E)	313.21 / 4.00	5000
WOLKA (IF) (40E) (43I)	JANAL (TF) (FB) (RNP 1.00) (40E) (42S)	313.18 / 7.40	3000
JANAL (40E) (42S)	TARRO (TF) (FB) (RNP 1.00) (40E) (43F)	313.13 / 4.00	2400
TARRO (FAF) (40E) (43F)	RW31L (TF) (FO) (40G) (41Y) (43M)	313.10 / 5.47	
RW31L (MAP) (40G) (41Y) (43M)	HODAX (TF) (FB) (RNP 1.00) (40E) (42M)	313.10 / 6.65	
HODAX (40E) (42M)	KAGLE (TF) (FO) (RNP 1.00) (40E) (41Y)	304.24 / 26.11	5000

MISSED APPROACH

MAP: DA

CLIMB TO 5000 VIA TRACK 313.10 TO HODAX AND VIA TRACK 304.24 TO KAGLE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 126.00 INBOUND
CHART FAS OBST: 627 GS ANT 325254N / 0970322W
DISTANCE TO THLD FROM 301 HAT: 0.79 NM
ROUTE TYPE : A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
#TCH 631.1 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZUREK
3. FAC: 313.10 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ZUREK 5000, WOLKA 5000, JANAL 3000
5. DIST TO THLD FROM OM: 5.47 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: TARRO 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0# 34:1 IS CLEAR
8. MSA FROM: RW31L 3600

MAG VAR: 6E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30* DA	882	5000	301	882	5000	301	882	5000	301	882	5000	301			
RNP 0.30 DA	940	6000	359	940	6000	359	940	6000	359	940	6000	359			

NOTES:
CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 47C (117F).
GPS REQUIRED. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 280 FEET PER NM TO 1200.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY 8 CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 581 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 31L, ORIG-B	AMDT: ORIG-A DATE 05/10/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	ZUREK	ZUREK	010	IAF	IF		FB				05000
	ZUREK	WOLKA	020	IF	TF		FB	1.0	313.2 (319T)	004.0	05000
		WOLKA	010	FACF	IF		FB				05000
		JANAL	011	SDF	TF		FB	1.0	313.2 (319T)	007.4	03000
		TARRO	020	FAF	TF		FB	1.0	313.1 (319T)	004.0	02400
		RW31L	030	MAP	TF		FO	0.3	313.1 (319T)	005.5	00631 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HODAX	040		TF		FB	1.0	313.1 (319T)	006.7	
	KAGLE	050		TF		FO	1.0	304.2 (310T)	026.1	05000
	KAGLE	060		HM	R	FO	2.0	126.0 (132T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HODAX	N325826.90	W0970858.72	N3258.448	W09708.979
	JANAL	N324614.69	W0965626.22	N3246.245	W09656.437
	KAGLE	N331518.70	W0973244.51	N3315.312	W09732.742
	TARRO	N324916.42	W0965932.52	N3249.274	W09659.542
	WOLKA	N324038.35	W0965042.19	N3240.639	W09650.703
	ZUREK	N323736.14	W0964736.22	N3237.602	W09647.604
	RW31L	N325324.97	W0970347.79	N3253.416	W09703.797

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31L	00577	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 581 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 31L, ORIG-B	AMDT: ORIG-A DATED: 05/10/2007

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
TULOY (IAF) (40E) (43A)	GACHO (TF) (FB) (RNP 1.00) (40E) (41E)	309.42 / 4.00	5000
GACHO (IF) (40E) (43I)	VANDE (TF) (FB) (RNP 1.00) (40E) (42S)	309.39 / 7.45	3000
VANDE (40E) (42S)	FIVIS (TF) (FB) (RNP 0.90) (40E) (43F)	309.34 / 1.91	2400
FIVIS (FAF) (40E) (43F)	RW31R (TF) (FO) (40G) (41Y) (43M)	309.32 / 5.69	
RW31R (MAP) (40G) (41Y) (43M)	1100 MSL (CA) (RNP 2.00) (42M)	309.32	
1100 MSL (42M)	SOLDO (DF) (FO) (RNP 2.00) (40E) (41Y)		5000

MISSED APPROACH

MAP: DA

CLIMB TO 1100, THEN CLIMBING RIGHT TURN TO 5000 DIRECT SOLDO AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 084.00 INBOUND
CHART FAS OBST: 608 LIGHT POLE 325324N / 0965850W
DISTANCE TO THLD FROM 299 HAT: 0.82 NM
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
#TCH 560.9 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TULOY
3. FAC: 309.32 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: TULOY 5000, GACHO 5000, VANDE 3000
5. DIST TO THLD FROM OM: 5.69 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: FIVIS 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.8# 34:1 IS CLEAR
8. MSA FROM: RW31R 3600

MAG VAR: 6E EPOCH YEAR: 00

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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.16 DA	822	2400	299	822	2400	299	822	2400	299	822	2400	299			
RNP 0.28 DA	951	5000	428	951	5000	428	951	5000	428	951	5000	428			
RNP 0.30 DA	972	6000	449	972	6000	449	972	6000	449	972	6000	449			

NOTES: CHART NOTES: FOR INOPERATIVE MALSR, INCREASE RNP 0.16 VISIBILITY TO RVR 5000, RNP 0.28 AND RNP 0.30 VISIBILITY TO 1 1/2. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 47C (117F). GPS REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PLANVIEW NOTE AT TULOY: (RNP 0.90). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 523 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 31R, AMDT 1A	AMDT: AMDT 1 DATE 10/25/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR 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
	TULOY	TULOY	010	IAF	IF		FB				05000
	TULOY	GACHO	020	IF	TF		FB	1.0	309.4 (315T)	004.0	05000
		GACHO	010	FACF	IF		FB				05000
		VANDE	011	SDF	TF		FB	1.0	309.4 (315T)	007.5	03000
		FIVIS	020	FAF	TF		FB	0.9	309.3 (315T)	001.9	02400
		RW31R	030	MAP	TF		FO	0.3	309.3 (315T)	005.7	00561 MAN

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA			2.0	309.3 (315T)		01100
	SOLDO	050		DF	R	FO	2.0			05000
	SOLDO	060		HM	R	FO	2.0	084.0 (090T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FIVIS	N324938.98	W0965518.20	N3249.650	W09655.303
	GACHO	N324258.57	W0964730.13	N3242.976	W09647.502
	SOLDO	N325155.00	W0961956.32	N3251.917	W09619.939
	TULOY	N324007.15	W0964410.28	N3240.119	W09644.171
	VANDE	N324817.28	W0965342.55	N3248.288	W09653.709
	RW31R	N325341.93	W0970003.04	N3253.699	W09700.051

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31R	00508	53

QUALITY CHECKED

CITY AND STATE	ELEVATION: 607 TDZE: 523 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALLAS-FORT WORTH, TX	DALLAS-FORT WORTH INTL	RNAV	22 OCT 2009 RNAV (RNP) Z RWY 31R, AMDT 1A	AMDT: AMDT 1 DATED: 10/25/2007

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
RSG VORTAC	CEYAT (FB)	182.79 / 59.32	5000
SAT VORTAC	CEYAT (FB)	245.43 / 111.56	5000
COT VORTAC	COKAD (FB)	289.98 / 63.83	5000
COKAD	CEYAT (FB)	289.48 / 15.36	5000
CEYAT (IAF)	AZOBE (FB)	264.01 / 5.00	3500
AZOBE (IF)	KUGEC (FB)	173.96 / 6.00	2500

MISSED APPROACH

LNAV: RW13

CLIMB TO 4000 DIRECT MESYU AND VIA TRACK 055.57 TO COKAD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 289.48 INBOUND.
CHART FAS OBST: 1040 WATERTANK 285136N/1003136W
FAS OBST 1078 AAO 285548N/1003415W
CHART ALERT AREA A-633 B.
CHART LAUGHLIN 3 MOA.
CHART LAUGHLIN 2 MOA.
KUGEC TO RW13: 2.96/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT AZOBE
3. FAC: 143.96 FAF: KUGEC DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: AZOBE 3500, KUGEC 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: RW13 2800

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
LNAV MDA	1460	1	573	1460	1	573	1460	1 1/2	573		NA				
CIRCLING	1500	1	613	1500	1	613	1500	1 3/4	613		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SAT VORTAC ON AIRWAY RADIALS 190 CW 301.
CHART NOTE: USE LAUGHLIN AFB ALTIMETER SETTING; WHEN NOT RECEIVED, USE DEL RIO INTL ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 887 TDZE: 887	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 13, ORIG 22 OCT 2009	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 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        COT   K4011580VTLA N28274324W099070675    N28274324W099070675E0090005201     NARCOTULLA
        SUSAD        RSG   K4011120VTL  N30005257W100175944    N30005257W100175944E0100023101     NARROCKSPRINGS
        SUSAD        SAT   K4011680VTHA N29383851W098274073    N29383851W098274073E0080011602     NARSAN ANTONIO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AZOBE K40    W     N29020612W100340173                                NAR          AZOBE
        SUSAEAENRT   CEYAT K40    W     N29020621W100281949                                NAR          CEYAT
        SUSAEAENRT   COKAD K40    W     N28552966W100123031                                NAR          COKAD
        SUSAEAENRT   KUGEC K40    W     N28560520W100340144                                NAR          KUGEC
        SUSAEAENRT   MESYU K40    W     N28475044W100283654                                NAR          MESYU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        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 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4FR13   ACOT   010COT  K4D 0V       IF                                                18000                B JS
        SUSAP 5T9 K4FR13   ACOT   020COKADK4EA0E    020TF                    29000638    + 05000                             B JS
        SUSAP 5T9 K4FR13   ACOT   030CEYATK4EA0E  A 020TF                    28950154    + 05000                             B JS
        SUSAP 5T9 K4FR13   ACOT   040AZOBEK4EA0EE   010TF                    26400050    + 03500                             B JS
        SUSAP 5T9 K4FR13   ARSG   010RSG  K4D 0V       IF                                                18000                B JS
        SUSAP 5T9 K4FR13   ARSG   020CEYATK4EA0E  A 020TF                    18280593    + 05000                             B JS
        SUSAP 5T9 K4FR13   ARSG   030AZOBEK4EA0EE   010TF                    26400050    + 03500                             B JS
        SUSAP 5T9 K4FR13   ASAT   010SAT  K4D 0V       IF                                                18000                B JS
        SUSAP 5T9 K4FR13   ASAT   020CEYATK4EA0E  A 020TF                    24541116    + 05000                             B JS
        SUSAP 5T9 K4FR13   ASAT   030AZOBEK4EA0EE   010TF                    26400050    + 03500                             B JS
        SUSAP 5T9 K4FR13   R      010AZOBEK4EA0E  I    IF                                    + 03500     18000                B JS
        SUSAP 5T9 K4FR13   R      020KUGECK4EA1E  F 051TF                    17400060    + 02500                  RW13  K4PGB JS
        SUSAP 5T9 K4FR13   R      020KUGECK4EA2WN          N          ALNAV                                                    JS
        SUSAP 5T9 K4FR13   R      030RW13 K4PG0GY M 031TF                    14400050      00927            -296           B JS
        SUSAP 5T9 K4FR13   R      040MESYUK4EA0E M  010DF                                                                    B JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 887	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 13, ORIG 22 OCT 2009	AMDT: NONE DATED:

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                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4FR13   R      050COKADK4EA0EY   010TF                    0556        + 04000                          B JS
        SUSAP 5T9 K4FR13   R      060COKADK4EA0EE  R020HM                    28950040    + 04000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4GRW13    0055061290 N28514480W100311038-0100    +0247700887000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 5T9 K4SRW13 K4PG                0   18018002825                                                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 887 TDZE: 887	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAGLE PASS, TX	AIRPORT NAME: MAVERICK COUNTY MEMORIAL INTL	RNAV	RNAV (GPS) RWY 13, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COT	COT	010		IF		FB				
	COT	COKAD	020		TF		FB	2.0	290.0(296T)	063.8	05000
	COT	CEYAT	030	IAF	TF		FB	2.0	289.5(296T)	015.4	05000
	COT	AZOBE	040		TF		FB	1.0	264.0(270T)	005.0	03500
	RSG	RSG	010		IF		FB				
	RSG	CEYAT	020	IAF	TF		FB	2.0	182.8(189T)	059.3	05000
	RSG	AZOBE	030		TF		FB	1.0	264.0(270T)	005.0	03500
	SAT	SAT	010		IF		FB				
	SAT	CEYAT	020	IAF	TF		FB	2.0	245.4(251T)	111.6	05000
	SAT	AZOBE	030		TF		FB	1.0	264.0(270T)	005.0	03500
		AZOBE	010	FACF	IF		FB				03500
		KUGEC	020	FAF	TF		FB	0.5	174.0(180T)	006.0	02500
		RW13	030	MAP	TF		FO	0.3	144.0(150T)	005.0	00927
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		MESYU	040		DF		FB	1.0			
		COKAD	050		TF		FO	1.0	055.6(062T)		04000
		COKAD	060		HM	R	FO	2.0	289.5(296T)	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
	AZOBE	N290206.12	W1003401.73	N2902.102	W10034.029
	CEYAT	N290206.21	W1002819.49	N2902.104	W10028.325
	COKAD	N285529.66	W1001230.31	N2855.494	W10012.505
	KUGEC	N285605.20	W1003401.44	N2856.087	W10034.024
	MESYU	N284750.44	W1002836.54	N2847.841	W10028.609
	RW13	N285144.80	W1003110.38	N2851.747	W10031.173

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00887	40

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
EAGLE PASS, TX	**ELEVATION: 887 TDZE: 887** AIRPORT NAME: **MAVERICK COUNTY MEMORIAL INTL**	**RNAV**	**RNAV (GPS) RWY 13, ORIG** 22 OCT 2009	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 17, 35, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17 - CLIMBING RIGHT TURN TO 2000 VIA HEADING 200 AND TTT R-180 TO NINAE/TTT 24.00 DME BEFORE PROCEEDING ON COURSE. DME REQUIRED.

RWY 35 - CLIMB HEADING 356.34 TO 1400 BEFORE TURNING SOUTH.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17, ANTENNA 190' FROM DER, 456' RIGHT OF CENTERLINE, 26' AGL/615', MSL. ROAD, MULTIPLE POLES AND SIGNS BEGINNING 570' FROM DER, 410' RIGHT OF CENTERLINE, UP TO 31' AGL/620' MSL. TREE 1,506' FROM DER, 517' RIGHT OF CENTERLINE, 37' AGL/617' MSL.

NOTE: RWY 35, TREE 837' FROM DER, 204' LEFT OF CENTERLINE, UP TO 100' AGL/665' MSL. POLE 2,687' FROM DER, 122' LEFT OF CENTERLINE, UP TO 75' AGL/653' MSL.

(4) CONTROLLING OBSTACLES:

RWY 35: 2,549 MSL TOWER 323502.67N-0965748.75W

RWY 17: 2,449 MSL TOWER 323235.00N-0965733.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GRAND PRAIRIE, TX	GRAND PRAIRIE MUNI	22 OCT 2009	4

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 16, STANDARD
RWY 34, STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 5300 OR 5100-3 FOR CLIMB IN VISUAL CONDITIONS

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 16: CLIMBING RIGHT TURN HEADING 205.00 AND OGD R-331 TO OGD VORTAC.
RWY 34: CLIMBING LEFT TURN HEADING 205.00 AND OGD R-331 TO OGD VORTAC OR FOR CLIMB IN VISUAL CONDITIONS: CROSS BRIGHAM CITY AIRPORT SOUTHBOUND AT OR ABOVE 9200 THEN VIA OGD R-351 TO OGD VORTAC.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, POLES 266' FROM DER, 558' RIGHT OF CENTERLINE, 30' AGL/4258' MSL.

(4) CONTROLLING OBSTACLES:

RWY 16: 9963 MSL AAO 412305.30N/1115827.10W
RWY 34: 5039 MSL AAO 413701.84N/1120311.94W, 9572 MSL AAO 413810.30N/1120039.80W
RWY 34 (VCOA): 8857 MSL AAO 413650.99N/1120034.06W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
BRIGHAM CITY, UT	BRIGHAM CITY	22 OCT 2009	5

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 18, 26, 36: NA.
RWY 8, 12: STANDARD
RWY 30: 1700-3 OR STANDARD WITH MINIMUM CLIMB OF 300 FEET PER NM TO 8100.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 8, 12: CLIMBING LEFT TURN DIRECT PUC VOR/DME...
RWY 30: CLIMBING RIGHT TURN DIRECT PUC VOR/DME...

... CONTINUE CLIMB IN PUC VOR/DME HOLDING PATTERN (HOLD S, RT, 009 INBOUND) TO MEA FOR DIRECTION OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TREE 2663 FEET FROM DER, 922 FEET LEFT OF CENTERLINE, 40 FEET AGL/5979 FEET MSL.
NOTE: RWY 12, TREE 333 FEET FROM DER, 132 FEET RIGHT OF CENTERLINE, 40 FEET AGL/5919 FEET MSL.
NOTE: RWY 30, TREE 2065 FEET FROM DER, 875 FEET LEFT OF CENTERLINE, 40 FEET AGL/5999 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 8, 12, 30: 7554 MSL AAO 392823.00N/1105922.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
HUNTINGTON, UT	HUNTINGTON MUNI	22 OCT 2009	2A

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
ORCUS (IAF)	FEGBA (NOPT) (FB)	020.85 / 14.11	3000
CVV VOR/DME (IAF)	FEGBA (NOPT) (FB)	319.42 / 18.68	3000
FEGBA (IF/IAF)	NAKHU (FB)	343.25 / 6.10	2000

MISSED APPROACH

LNAV: RW34

CLIMB TO 2000 DIRECT CIKVA AND VIA TRACK 031.72 TO HUH VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 350.88 INBOUND.
FAS OBST: 994 AAO 483925N/1225236W
1392 AAO 483750N/1225443W
CHART CHINOOK B MOA.
CHART A-680, R-6701.
NAKHU TO RW34: 4.14/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S FEGBA, LT, 343.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 343.25 FAF: NAKHU DIST FAF TO MAP: 4.39 THLD: 4.39
4. MIN. ALT: FEGBA 3000, NAKHU 2000
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: RW34 4600

MAG VAR: 17E EPOCH YEAR: 2010

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
CIRCLING	1120	1 1/4	1089	1120	1 1/2	1089		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CVV VOR/DME VIA V165 SOUTHBOUND.
SEE 8260-10

@ CAT A, B 1100-2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 31 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EASTSOUND, WA	ORCAS ISLAND	RNAV	RNAV (GPS)-A, ORIG 22 OCT 2009	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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRIDAY HARBOR ALTIMETER SETTING AND INCREASE MDA 40 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
EASTSOUND, WA	**ELEVATION: 31 TDZE:** AIRPORT NAME: **ORCAS ISLAND**	**RNAV**	**RNAV (GPS)-A, ORIG** 22 OCT 2009	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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CVV   K1011720VDLW N48144090W122432790    N48144090W122432790E0190002001     NARPENN COVE
        SUSAD        HUH   K1011300VTHA N48564303W122344532    N48564303W122344532E0200000832     NARWHATCOM

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIKVA K10    W     N48451556W122543706                                NAR           CIKVA
        SUSAEAENRT   FEGBA K10    W     N48314677W122544239                                NAR           FEGBA
        SUSAEAENRT   NAKHU K10    W     N48375253W122543999                                NAR           NAKHU
        SUSAEAENRT   ORCUS K10    C   B N48203954W123074401                                NAR           ORCUS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORSK1AORS     0     029YHN48422938W122543767E017000031         1800018000C    MNAR    ORCAS ISLAND

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORSK1FRNV-A ACVV   010CVV  K1D 0V  A    IF                                          18000                 B JC
        SUSAP KORSK1FRNV-A ACVV   020FEGBAK1EA0EE   010TF                  31940187    + 03000                            B JC
        SUSAP KORSK1FRNV-A AFEGBA 010FEGBAK1EA0EE AL   HF                  34330040    + 03000     18000                  B JC
        SUSAP KORSK1FRNV-A AORCUS 010ORCUSK1EA0E  A    IF                                          18000                 B JC
        SUSAP KORSK1FRNV-A AORCUS 020FEGBAK1EA0EE   010TF                  02090141    + 03000                            B JC
        SUSAP KORSK1FRNV-A R      010FEGBAK1EA0E  I    IF                              + 03000     18000                  B JC
        SUSAP KORSK1FRNV-A R      020NAKHUK1EA0E  F 051TF                  34330061    + 02000                 RW34  K1PGB JC
        SUSAP KORSK1FRNV-A R      030RW34 K1PG0GY M 031TF                  34330044      01120              000           B JC
        SUSAP KORSK1FRNV-A R      040CIKVAK1EA0E M  010DF                                                                B JC
        SUSAP KORSK1FRNV-A R      050HUH  K1D 0VY   010TF                  0317        + 02000                            B JC
        SUSAP KORSK1FRNV-A R      060HUH  K1D 0VE  L020HM                  35090040    + 02000                            B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORSK1GRW34    0029003433 N48421570W122543826+0000          00031000028060V
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 31 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTSOUND, WA	AIRPORT NAME: ORCAS ISLAND	RNAV	RNAV (GPS)-A, ORIG 22 OCT 2009	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 KORSK1SRW34 K1PG                0   18018004625                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 31 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTSOUND, WA	AIRPORT NAME: ORCAS ISLAND	RNAV	RNAV (GPS)-A, ORIG 22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CVV	CVV	010	IAF	IF		FB				
	CVV	FEGBA	020		TF		FB	1.0	319.4(336T)	018.7	03000
	FEGBA	FEGBA	010	IAF	HF	L	FO		343.3(000T)	004.0	03000
	ORCUS	ORCUS	010	IAF	IF		FB				
	ORCUS	FEGBA	020		TF		FB	1.0	020.9(038T)	014.1	03000
		FEGBA	010	FACF	IF		FB				03000
		NAKHU	020	FAF	TF		FB	0.5	343.3(000T)	006.1	02000
		RW34	030	MAP	TF		FO	0.3	343.3(000T)	004.4	01120

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIKVA	040		DF		FB	1.0			
	HUH	050		TF		FO	1.0	031.7(049T)		02000
	HUH	060		HM	L	FO	2.0	350.9(008T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVV	N481440.90	W1224327.90	N4814.682	W12243.465
	HUH	N485643.03	W1223445.32	N4856.717	W12234.755
	CIKVA	N484515.56	W1225437.06	N4845.259	W12254.618
	FEGBA	N483146.77	W1225442.39	N4831.780	W12254.707
	NAKHU	N483752.53	W1225439.99	N4837.876	W12254.667
	ORCUS	N482039.54	W1230744.01	N4820.659	W12307.734
	RW34	N484215.70	W1225438.26	N4842.262	W12254.638

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 31 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EASTSOUND, WA	AIRPORT NAME: **ORCAS ISLAND**	**RNAV**	**RNAV (GPS)-A, ORIG** 22 OCT 2009	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, NA - TERRAIN
RWY 34, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 224 FEET PER NM TO 600.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 34 - CLIMBING RIGHT TURN TO INTERCEPT HUH VORTAC R-210 TO HUH VORTAC.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 34, TREES BEGINNING 330' FROM DER, 411' LEFT OF CENTERLINE, UP TO 120' AGL/139' MSL.

(4) CONTROLLING OBSTACLES:

RWY 34: 2770 TOWER 484049.67N-1225026.71W, 439 AAO 484516.40N-1225436.04W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
EASTSOUND, WA	ORCAS ISLAND	22 OCT 2009	ORIG

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
ELN VORTAC	KIYSO (FO)	099.65 / 12.36	6200
DOFDO (IAF)	KIYSO (NOPT) (FB)	209.19 / 15.13	5400
FEBUS (IAF)	KIYSO (NOPT) (FB)	263.34 / 13.21	5400
KIYSO (IF/IAF)	DEPDE (FB)	282.09 / 6.00	4600
DEPDE	IHAPT (FB)	282.01 / 4.00	3500

MISSED APPROACH

LNAV: RW25

CLIMBING LEFT TURN TO 5400 DIRECT KIYSO AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 1920 TREE 470213N/1202856W
CHART R-6714A, R-6714F, R-6714G, R-6714H.
IHAPT TO RW25: 3.20/45.
2139 AAO 470154N/1202330W

1. PT: ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E KIYSO, RT, 282.09 INBOUND, 5400 FT. IN LIEU OF PT (IAF)
3. FAC: 267.04 FAF: IHAPT DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: KIYSO 5400, DEPDE 4600, IHAPT 3500
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: RW25 9700

MAG VAR: 16E EPOCH YEAR: 2010

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	2360	1	605	2360	1	605	2360	1 3/4	605	2360	2	605			
CIRCLING	2360	1	596	2360	1	596	2360	1 3/4	596	2500	2 1/4	736			

NOTES:
CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELN VORTAC VIA V336 SOUTHWEST BOUND. SEE 8260-10

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

CITY AND STATE	ELEVATION: 1764 TDZE: 1755	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 06/10/2004

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.

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FEBUS VIA V448 NORTHEAST BOUND.
CHART NOTE: PROCEDURE NA WHEN R-6714 A, F, G, H ARE IN OPERATION.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WENATCHEE ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE VISIBILITY LNAV CAT B 1/4 MILE, CATS C/D 1/2 MILE, AND INCREASE CIRCLING VISIBILITY CAT B 1/4 MILE, CATS C/D 1/2 MILE.

CITY AND STATE	ELEVATION: 1764 TDZE: 1755	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 06/10/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        ELN   K1011790VTHA N47012775W120273029    N47012775W120273029E0210017702     NARELLENSBURG

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   DEPDE K10    W     N46585496W120185857                              NAR          DEPDE
          SUSAEAENRT   DOFDO K10    C   L N47064638W119553484                              NAR          DOFDO
          SUSAEAENRT   FEBUS K10    C   L N46535882W119521378                              NAR          FEBUS
          SUSAEAENRT   IHAPT K10    W     N47004751W120240827                              NAR          IHAPT
          SUSAEAENRT   KIYSO K10    W     N46560578W120111477                              NAR          KIYSO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KELNK1AELN     0      055YHN47015890W120315050E016001764         1800018000C    MNAR    BOWERS FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KELNK1FR25   ADOFDO 010DOFDOK1EA0E  A    IF                                                18000                B JS
          SUSAP KELNK1FR25   ADOFDO 020KIYSOK1EA0EE   010TF                  20920151    + 05400                                B JS
          SUSAP KELNK1FR25   AELN   010ELN  K1D 0V       IF                                                18000                B JS
          SUSAP KELNK1FR25   AELN   020KIYSOK1EA0EY   020TF                  09970124    + 06200                                B JS
          SUSAP KELNK1FR25   AELN   030KIYSOK1EA0EE AR   HF                  28210060    + 05400                                B JS
          SUSAP KELNK1FR25   AFEBUS 010FEBUSK1EA0E  A    IF                                                18000                B JS
          SUSAP KELNK1FR25   AFEBUS 020KIYSOK1EA0EE   010TF                  26330132    + 05400                                B JS
          SUSAP KELNK1FR25   R      010KIYSOK1EA0E  I    IF                              + 05400    18000                       B JS
          SUSAP KELNK1FR25   R      011DEPDEK1EA0E S  051TF                  28210060    + 04600                                B JS
          SUSAP KELNK1FR25   R      020IHAPTK1EA1E  F 051TF                  28200040    + 03500                RW25  K1PGB JS
          SUSAP KELNK1FR25   R      020IHAPTK1EA2WN          N         ALNAV                                                    JS
          SUSAP KELNK1FR25   R      030RW25 K1PG0GY M 031TF                  26700050      01800          -320                B JS
          SUSAP KELNK1FR25   R      040KIYSOK1EA0EYM L010DF                            + 05400                                B JS
          SUSAP KELNK1FR25   R      050KIYSOK1EA0EE  R020HM                  28210060    + 05400                                B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1764 TDZE: 1755	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 06/10/2004

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```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELNK1GRW25     0055902520 N47015488W120311527-0800     +0514901755000045150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KELNK1SRW25 K1PG               0    18018009725                                                          M
```

CITY AND STATE	ELEVATION: 1764 TDZE: 1755	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 06/10/2004

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DOFDO	DOFDO	010	IAF	IF		FB				
	DOFDO	KIYSO	020		TF		FB	1.0	209.2(225T)	015.1	05400
	ELN	ELN	010		IF		FB				
	ELN	KIYSO	020		TF		FO	2.0	099.7(116T)	012.4	06200
	ELN	KIYSO	030	IAF	HF	R	FO		282.1(298T)	006.0	05400
	FEBUS	FEBUS	010	IAF	IF		FB				
	FEBUS	KIYSO	020		TF		FB	1.0	263.3(279T)	013.2	05400
		KIYSO	010	FACF	IF		FB				05400
		DEPDE	011	SDF	TF		FB	0.5	282.1(298T)	006.0	04600
		IHAPT	020	FAF	TF		FB	0.5	282.0(298T)	004.0	03500
		RW25	030	MAP	TF		FO	0.3	267.0(283T)	005.0	01800

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KIYSO	040		DF	L	FO	1.0			05400
	KIYSO	050		HM	R	FO	2.0	282.1(298T)	006.0	05400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELN	N470127.75	W1202730.29	N4701.463	W12027.505
	DEPDE	N465854.96	W1201858.57	N4658.916	W12018.976
	DOFDO	N470646.38	W1195534.84	N4706.773	W11955.581
	FEBUS	N465358.82	W1195213.78	N4653.980	W11952.230
	IHAPT	N470047.51	W1202408.27	N4700.792	W12024.138
	KIYSO	N465605.78	W1201114.77	N4656.096	W12011.246
	RW25	N470154.88	W1202115.27	N4701.915	W12031.255

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	01755	45

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ELLENSBURG, WA	ELEVATION: 1764 TDZE: 1755 AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 25, AMDT 1 22 OCT 2009	SUP: AMDT: ORIG DATED: 06/10/2004

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
AYISO	ELIYO (FB)	111.48 / 6.48	6200
BOVYA	ELIYO (FB)	202.26 / 4.37	6400
ELIYO (IAF)	LARDY (FB)	201.32 / 5.01	4100
LARDY (IF)	NELUE (FB)	297.10 / 3.15	3300
NELUE	KITSE (FB)	297.05 / 1.87	2800

MISSED APPROACH

LNAV: RW29

CLIMBING RIGHT TURN TO 5400 DIRECT ELIYO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5400.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 107.16 INBOUND.
CHART FAS OBST: 1919 TREE 470222N/1203110W
CHART R-6714A, R-6714F, R-6714G, R-6714H.
CHART VDP AT 2.43 MILES TO RW29.
KITSE TO RW29: 3.03/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LARDY
3. FAC: 297.03 FAF: KITSE DIST FAF TO MAP: 3.15 THLD: 3.15
4. MIN. ALT: LARDY 4100, NELUE 3300, KITSE 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: RW29 9700

MAG VAR: 16E EPOCH YEAR: 2010

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	2560	1	801	2560	1 1/4	801		NA			NA				
CIRCLING	2560	1	796	2560	1 1/4	796		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOVYA VIA V2 NORTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WENATCHEE ALTIMETER SETTING AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1764 TDZE: 1759	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 29, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED 06/10/2004

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES CONT.
INCREASE ALL MDA 140FT AND INCREASE VISIBILITY LNAV CAT A AND CIRCLING CAT A 1/4 MILE.
CHART NOTE: VDP NA WHEN USING WENATCHEE ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 1764 TDZE: 1759	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 29, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 06/10/2004

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AYISO K1O    C   L N47041196W120254272                          NAR           AYISO
        SUSAEAENRT   BOVYA K1O    C   L N47034132W120141451                          NAR           BOVYA
        SUSAEAENRT   ELIYO K1O    W     N47001528W120181192                          NAR           ELIYO
        SUSAEAENRT   KITSE K1O    W     N46594199W120275904                          NAR           KITSE
        SUSAEAENRT   LARDY K1O    W     N46561642W120223773                          NAR           LARDY
        SUSAEAENRT   NELUE K1O    W     N46582556W120255945                          NAR           NELUE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELNK1AELN     0     055YHN47015890W120315050E016001764         1800018000C    MNAR    BOWERS FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELNK1FR29   AAYISO 010AYISOK1EA0E       IF                                          18000                B JS
        SUSAP KELNK1FR29   AAYISO 020ELIYOK1EA0E  A 020TF                    11150065    + 06200                       B JS
        SUSAP KELNK1FR29   AAYISO 030LARDYK1EA0EE   010TF                    20130050    + 04100                       B JS
        SUSAP KELNK1FR29   ABOVYA 010BOVYAK1EA0E       IF                                          18000                B JS
        SUSAP KELNK1FR29   ABOVYA 020ELIYOK1EA0E  A 020TF                    20230044    + 06400                       B JS
        SUSAP KELNK1FR29   ABOVYA 030LARDYK1EA0EE   010TF                    20130050    + 04100                       B JS
        SUSAP KELNK1FR29   R       010LARDYK1EA0E  I    IF                              + 04100     18000             B JS
        SUSAP KELNK1FR29   R       011NELUEK1EA0E S  051TF                    29710032    + 03300                       B JS
        SUSAP KELNK1FR29   R       020KITSEK1EA1E  F 051TF                    29710019    + 02800               RW29    K1PGB JS
        SUSAP KELNK1FR29   R       020KITSEK1EA2WN          N          ALNAV                                            JS
        SUSAP KELNK1FR29   R       030RW29 K1PG0GY M 031TF                    29700032      01787          -303          B JS
        SUSAP KELNK1FR29   R       040ELIYOK1EA0EYM R010DF                                + 05400                       B JS
        SUSAP KELNK1FR29   R       050ELIYOK1EA0EE  R020HM                    10720040    + 05400                       B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELNK1GRW29    0043012970 N47015097W120312119+0400    +0512401747000040150R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1764 TDZE: 1759	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 29, AMDT 1 22 OCT 2009	AMDT: ORIG
				DATED: 06/10/2004

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KELNK1SRW29 K1PG                0   18018009725                                                                  M
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CITY AND STATE	ELEVATION: 1764 TDZE: 1759	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ELLENSBURG, WA	AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 29, AMDT 1 22 OCT 2009	AMDT: ORIG DATED: 06/10/2004

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AYISO	AYISO	010		IF		FB				
	AYISO	ELIYO	020	IAF	TF		FB	2.0	111.5(128T)	006.5	06200
	AYISO	LARDY	030		TF		FB	1.0	201.3(217T)	005.0	04100
	BOVYA	BOVYA	010		IF		FB				
	BOVYA	ELIYO	020	IAF	TF		FB	2.0	202.3(218T)	004.4	06400
	BOVYA	LARDY	030		TF		FB	1.0	201.3(217T)	005.0	04100
		LARDY	010	FACF	IF		FB				04100
		NELUE	011	SDF	TF		FB	0.5	297.1(313T)	003.2	03300
		KITSE	020	FAF	TF		FB	0.5	297.1(313T)	001.9	02800
		RW29	030	MAP	TF		FO	0.3	297.0(313T)	003.2	01787

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ELIYO	040		DF	R	FO	1.0			05400
	ELIYO	050		HM	R	FO	2.0	107.2(123T)	004.0	05400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYISO	N470411.96	W1202542.72	N4704.199	W12025.712
	BOVYA	N470341.32	W1201414.51	N4703.689	W12014.242
	ELIYO	N470015.28	W1201811.92	N4700.255	W12018.199
	KITSE	N465941.99	W1202759.04	N4659.700	W12027.984
	LARDY	N465616.42	W1202237.73	N4656.274	W12022.629
	NELUE	N465825.56	W1202559.45	N4658.426	W12025.991
	RW29	N470150.97	W1203121.19	N4701.850	W12031.353

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	01747	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ELLENSBURG, WA	ELEVATION: 1764 TDZE: 1759 AIRPORT NAME: BOWERS FIELD	RNAV	RNAV (GPS) RWY 29, AMDT 1 22 OCT 2009	SUP: AMDT: ORIG DATED: 06/10/2004

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
HQM VORTAC	NEYDI/I-HQM 6.30 DME	061.18 / 14.67	2900
ULESS/HQM VORTAC 30.00 DME (IAF)	LAMMB/I-HQM 12.64 DME (NOPT)	183.00 / 7.29 (HDG) & 240.84 / 4.50 (I-HQM)	2300
SOUPY/HQM VORTAC 30.00 DME (IAF)	LAMMB/I-HQM 12.64 DME (NOPT)	286.00 / 5.87 (HDG) & 240.84 / 4.50	2300
ZEDAT/HQM VORTAC 21.00 DME CCW (IAF)	ONPAE/HQM VORTAC 21.00 DME	21.00 DME ARC	2800
PUGIC/HQM VORTAC 21.00 DME CCW (IAF)	ONPAE/HQM VORTAC 21.00 DME	21.00 DME ARC	2800
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: OGELE/I-HQM 0.91 DME

CLIMB TO 2500 DIRECT HQM VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT HQ LOM AND HOLD NE, LT, 240.84 INBOUND, CONTINUE CLIMB-IN-HOLD TO 3000. (ADF REQUIRED).

1. PT L SIDE OF COURSE 060.84 OUTBOUND 2300 FT WITHIN 10 MILES OF NEYDI (IAF)
2.
3. FAC: 240.84 FAF: NEYDI/I-HQM 6.30 DME DIST FAF TO MAP: THLD: 5.39
4. MIN. ALT: NEYDI 2100, WIMET/I-HQM 3.00 DME 840*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 890
6. MIN GS INCPT: 2100 GS ALT AT: NEYDI/I-HQM 6.30 DME 2100 OM: - MM: - IM: -
7. GS ANGLE: 3.50 TCH: 54.7
8. MSA FROM: HQM VORTAC 050-170 3000, 170-300 1300, 300-050 3600

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 060.00 INBOUND.
CHART 493 TREE 465854N/1235201W.
839 AAO 465927N/1234712W.
CHART LOM SUBDUED
CHART HQM R-082 AT ONPAE.
CHART HQM R-148 AT PUGIC.
CHART HQM R-163 AT ZEDAT.
CHART IN PLANVIEW: HQ LOM.
CHART: (COXOD) AT INTERSECTION OF DR LEG AND INTERMEDIATE CRS.
CHART: ALTERNATE MA HOLDING, HOLD NE, LT, 240.84 INBOUND.

MAG VAR: 19E 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 24	216	3/4	200	216	3/4	200	286	1	270		NA				
S-LOC 24	580	3/4	564	580	3/4	564	580	1	564		NA				
CIRCLING	580	1	562	580	1	562	580	1 1/2	562		NA				

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC CATS A AND B VISIBILITY TO 1 MILE.
CHART NOTE: CIRCLING NA NW OF RWY 6-24.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS RWY 24.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE	ELEVATION: 18 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HOQUIAM, WA	AIRPORT NAME: BOWERMAN	I-HQM	ILS OR LOC/DME RWY 24, AMDT 3 22 OCT 2009	AMDT: 2
				DATED 08/30/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ONPAE/HQM VORTAC 21.00 DME CCW	LAMMB/I-HQM 12.64 DME (NOPT)	21.00 DME ARC (HQM LR-067)	2300
LAMMB/I-HQM 12.64 DME (IF)	NEYDI/I-HQM 6.30 DME	240.84 / 6.33	2100

NOTES CONT.
*LOC ONLY
CHART PROFILE NOTE: USE I-HQM DME WHEN ON LOCALIZER COURSE.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CITY AND STATE	ELEVATION: 18 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HOQUIAM, WA	AIRPORT NAME: BOWERMAN	I-HQM	ILS OR LOC/DME RWY 24, AMDT 3 22 OCT 2009	AMDT: 2 DATED: 08/30/2007

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
JAWBN (IAF)	COBUX (FB)	262.40 / 12.04	3700
WATTR (IAF)	COBUX (FB)	223.83 / 8.48	3700
COBUX (IF)	FAMUV (FB)	249.03 / 6.50	3000

MISSED APPROACH

LNAV: RW26

CLIMB TO 5400 DIRECT MAPUC AND VIA TRACK 288.34 TO MIDWI AND VIA TRACK 249.16 TO YUCSU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 082.28 INBOUND.
CHART FAS OBST: 580 BUILDING 480540N/1232440W
FAMUV TO RW26: 3.07/55.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COBUX
3. FAC: 262.73 FAF: FAMUV DIST FAF TO MAP: 8.18 THLD: 8.18
4. MIN. ALT: COBUX 3700, FAMUV 3000, SEBTY/3.90 NM TO RW26 1600
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: RW26 9200

MAG VAR: 22E EPOCH YEAR: 1980

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
LNAV MDA	940	1	658	940	1	658	940	1 3/4	658	940	2	658			
CIRCLING	940	1	649	940	1	649	940	1 3/4	649	940	2	649			

NOTES:
CHART NOTE: CIRCLING NA SOUTH OF RWY 08/26.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 291 TDZE: 282	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORT ANGELES, WA	AIRPORT NAME: WILLIAM R FAIRCHILD INTL	RNAV	RNAV (GPS) RWY 26, ORIG 22 OCT 2009	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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED , USE FRIDAY HARBOR ALTIMETER SETTING;
INCREASE ALL MDA 100 FEET AND VISIBILITY CATS B/C/D 1/2 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORT ANGELES, WA	**ELEVATION: 291 TDZE: 282** AIRPORT NAME: **WILLIAM R FAIRCHILD INTL**	**RNAV**	**RNAV (GPS) RWY 26, ORIG** 22 OCT 2009	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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COBUX K10    W     N48045268W123075991                          NAR           COBUX
        SUSAEAENRT   FAMUV K10    W     N48045927W123174190                          NAR           FAMUV
        SUSAEAENRT   JAWBN K10    R   L N48015444W122503611                          NAR           JAWBN
        SUSAEAENRT   MAPUC K10    W     N48073766W123324762                          NAR           MAPUC
        SUSAEAENRT   MIDWI K10    W     N48110936W123390068                          NAR           MIDWI
        SUSAEAENRT   SEBTY K10    W     N48060433W123235235                          NAR           SEBTY
        SUSAEAENRT   WATTR K10    C   L N48082135W122562797                          NAR           WATTR
        SUSAEAENRT   YUCSU K10    C     N48112081W123542564                          NAR           YUCSU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCLMK1ACLM     0      063YHN48071270W123295890E022000291         1800018000C    MNAR    WILLIAM R FAIRCHILD INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCLMK1FR26   AJAWBN 010JAWBNK1EA0E  A    IF                                                18000                B JS
        SUSAP KCLMK1FR26   AJAWBN 020COBUXK1EA0EE   010TF                    26240120    + 03700                                B JS
        SUSAP KCLMK1FR26   AWATTR 010WATTRK1EA0E  A    IF                                                18000                B JS
        SUSAP KCLMK1FR26   AWATTR 020COBUXK1EA0EE   010TF                    22380085    + 03700                                B JS
        SUSAP KCLMK1FR26   R      010COBUXK1EA0E  I    IF                                + 03700     18000                      B JS
        SUSAP KCLMK1FR26   R      020FAMUVK1EA1E  F 051TF                    24900065    + 03000                 RW26  K1PGB  JS
        SUSAP KCLMK1FR26   R      020FAMUVK1EA2WN          N          ALNAV                                                      JS
        SUSAP KCLMK1FR26   R      021SEBTYK1EA0E S  031TF                    26270043    V 0160001622       -307                B JS
        SUSAP KCLMK1FR26   R      030RW26 K1PG0GY M 031TF                    26270039      00336            -307                B JS
        SUSAP KCLMK1FR26   R      040MAPUCK1EA0E M  010DF                                                                       B JS
        SUSAP KCLMK1FR26   R      050MIDWIK1EA0E    010TF                    2883                                               B JS
        SUSAP KCLMK1FR26   R      060YUCSUK1EA0EY   010TF                    2492        + 05400                                B JS
        SUSAP KCLMK1FR26   R      070YUCSUK1EA0EE  L020HM                    08230050    + 05400                                B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCLMK1GRW26    0063472626 N48070333W123293023-0100    +00655002811354551 50R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 291 TDZE: 282	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORT ANGELES, WA	AIRPORT NAME: WILLIAM R FAIRCHILD INTL	RNAV	RNAV (GPS) RWY 26, ORIG 22 OCT 2009	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
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCLMK1SRW26 K1PG              0   18018009225                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 291 TDZE: 282	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORT ANGELES, WA	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 26, ORIG	AMDT: NONE
	WILLIAM R FAIRCHILD INTL		22 OCT 2009	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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JAWBN	JAWBN	010	IAF	IF		FB				
	JAWBN	COBUX	020		TF		FB	1.0	262.4(284T)	012.0	03700
	WATTR	WATTR	010	IAF	IF		FB				
	WATTR	COBUX	020		TF		FB	1.0	223.8(246T)	008.5	03700
		COBUX	010	FACF	IF		FB				03700
		FAMUV	020	FAF	TF		FB	0.5	249.0(271T)	006.5	03000
		SEBTY	021	SDF	TF		FB	0.3	262.7(285T)	004.3	0160001622
		RW26	030	MAP	TF		FO	0.3	262.7(285T)	003.9	00336

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MAPUC	040		DF		FB	1.0			
	MIDWI	050		TF		FB	1.0	288.3(310T)		
	YUCSU	060		TF		FO	1.0	249.2(271T)		05400
	YUCSU	070		HM	L	FO	2.0	082.3(104T)	005.0	05400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COBUX	N480452.68	W1230759.91	N4804.878	W12307.999
	FAMUV	N480459.27	W1231741.90	N4804.988	W12317.698
	JAWBN	N480154.44	W1225036.11	N4801.907	W12250.602
	MAPUC	N480737.66	W1233247.62	N4807.628	W12332.794
	MIDWI	N481109.36	W1233900.68	N4811.156	W12339.011
	SEBTY	N480604.33	W1232352.35	N4806.072	W12323.873
	WATTR	N480821.35	W1225627.97	N4808.356	W12256.466
	YUCSU	N481120.81	W1235425.64	N4811.347	W12354.427
	RW26	N480703.33	W1232930.23	N4807.056	W12329.504

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00281	55

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PORT ANGELES, WA	ELEVATION: 291 TDZE: 282 AIRPORT NAME: WILLIAM R FAIRCHILD INTL	RNAV	RNAV (GPS) RWY 26, ORIG 22 OCT 2009	AMDT: NONE DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30686 ; Amdt. No. 3339]

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 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 September 4,2009

John M. Allen

John M. Allen
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, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:
.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
22-Oct-09	IA	COUNCIL BLUFFS	COUNCIL BLUFFS MUNI	9/5812	8/22/2009	RNAV (GPS) RWY 32, ORIG
22-Oct-09	OK	MC ALESTER	MC ALESTER RGNL	9/5892	8/24/2009	VOR/DME RWY 20, AMDT 2C
22-Oct-09	OK	MC ALESTER	MC ALESTER RGNL	9/5904	8/24/2009	LOC RWY 2, AMDT 4A
22-Oct-09	CO	HOLYOKE	HOLYOKE	9/6789	8/24/2009	RNAV (GPS) RWY 14, ORIG-A
22-Oct-09	WA	BELLINGHAM	BELLINGHAM INTL	9/6999	8/24/2009	RNAV (GPS) RWY 34, ORIG-A
22-Oct-09	AZ	FORT HUACHUCA/SIERRA VISTA	SIERRA VISTA MUNI-LIBBY AAF	9/7966	9/2/2009	RADAR-1, AMDT 4
22-Oct-09	AZ	FORT HUACHUCA/SIERRA VISTA	SIERRA VISTA MUNI-LIBBY AAF	9/7967	9/2/2009	RNAV (GPS) RWY 8, ORIG

AIRAC Date: 22-Oct-2009

FDC 9/5812 CBF FI/P COUNCIL BLUFFS MUNI, COUNCIL BLUFFS, IA. RNAV (GPS) RWY 32, ORIG… LNAV HAT 415 ALL CATS. CHART: VDP 1.04 MILES TO RW32. CHART: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPPLEY AIRFIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CAT D VISIBILITY 1/4 MILE. CHART TDZ ELEV 1245. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 32, ORIG-A.

FDC 9/5892 MLC FI/P MC ALESTER REGIONAL, MC ALESTER, OK. VOR/DME RWY 20, AMDT 2C...CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ADA MUNI ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND S-20 CATS C AND D VISIBILITY 1/2 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. THIS IS VOR/DME RWY 20, AMDT 2D.

FDC 9/5904 MLC FI/P MC ALESTER REGIONAL, MC ALESTER, OK. LOC RWY 2, AMDT 4A...CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ADA MUNI ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND S-2 CATS C AND D AND CIRCLING CAT B VISIBILITY 1/4 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS LOC RWY 2, AMDT 4B.

FDC 9/6789 HEQ FI/P HOLYOKE, HOLYOKE, CO. RNAV (GPS) RWY 14, ORIG-A...LNAV HAT 430 ALL CATS. CIRCLING CAT A HAA 470 DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SIDNEY MUNI/LLOYD W. CARR FIELD ALTIMETER SETTING AND INCREASE ALL MDAS 200 FEET AND INCREASE LNAV CAT C/D VISIBILITY 1/2 MILE, CIRCLING CAT B/C VISIBILITY 1/4 MILE AND CIRCLING CAT D VISIBILITY 3/4 MILE. DELETE VDP AT 1.22 NM TO RW14. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SIDNEY MUNI/LLOYD W. CARR FIELD ALTIMETER SETTING AND INCREASE ALL MDAS 200 FEET AND INCREASE LNAV CAT C/D VISIBILITY 1/2 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT D VISIBILITY 3/4 MILE. CHART VDP AT 1.23 NM TO RW14. THIS IS RNAV (GPS) RWY 14, ORIG-B.

FDC 9/6999 BLI FI/P BELLINGHAM INTL, BELLINGHAM, WA. RNAV (GPS) RWY 34, ORIG-A...DELETE FROM PROFILE: VDP DELETE FROM PROFILE: 1.1 NM TO RW34 DISTANCE TO THLD FROM 269 HAT: 0.69 MILES. CIRCLING CATS A/B VISIBILITY 1 MILE. THIS IS RNAV (GPS) RWY 34, ORIG-B.

FDC 9/7966 FHU FI/P SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA/SIERRA VISTA, AZ. RADAR-1, AMDT 4...ASR 26 MDA 5000/HAT 371 ALL CATS. VISIBILITY CATS D/E 1 1/4 CIRCLING 26 CAT A HAA 381, CAT B/C HAA 461, CAT D HAA 561 CAT E MDA 5400/HAA 681. VISIBILITY CAT E 2 1/2. PAR 8 DA 4919/HAT 200 ALL CATS. PAR 26 DA 4829/HAT 200 ALL CATS. ASR 8 HAT 721 ALL CATS. CIRCLING 8 HAA 721 ALL CATS. CHART TDZE RWY 8: 4719 CHART TDZE RWY 26: 4629 CHART APT ELEV: 4719 THIS IS RADAR-1, AMDT 4A.

FDC 9/7967 FHU FI/P SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA/SIERRA VISTA, AZ. RNAV (GPS) RWY 8, ORIG...LNAV MDA 5920/HAT 1201 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CATS C/D 3. CIRCLING MDA 5920/HAA 1201 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CATS C/D 3. ALTERNATE MINIMUMS CATS A/B 1300-2, CATS C/D 1300-3. NA WHEN CONTROL TOWER CLOSED. DELETE ALL REFERENCES TO NECCI. THIS IS RNAV (GPS) RWY 8, ORIG-A.