

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-12

May 02, 2008

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

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

**The following are corrected copies of procedures published in Transmittal
Letters 08-10 and 08-11:**

Washington, DC, Washington Dulles Intl, ILS OR LOC RWY 19L, Amdt 13A
Cincinnati, OH, Cincinnati Muni Airport-Lunken Field, Takeoff Minimums and
Obstacle DP, Amdt 12
Tulsa, OK, Tulsa Intl, RNAV (GPS) RWY 18L, Amdt 1
Richfield, UT, Richfield Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Philippi, WV, Philippi/Barbour County Rgnl, RNAV (GPS) RWY 8, 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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MRB VORTAC (IAF)	IZUMI INT/I-SGC 16.68 DME	127.00 / 22.41	4000	ILS: DA LOC: 4.19 MILES AFTER DOMSE INT/I-SGC 6.32 DME OR AT I-SGC 2.13 DME FIX CLIMB TO 2000 DIRECT TILLO LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2100 VIA HEADING 010 AND AML VORTAC R-040 TO ASPER INT/AML 14.66 DME AND HOLD NE, RT, 220.00 INBOUND. ADDITIONAL FLIGHT DATA: HOLD S, LT, 010.84 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE ASPER INT/AML 14.66 DME, RT, 220.00 INBOUND. CHART FAS OBST: 432 TOWER 390105N/0772554W CHART LOC RWY 19C CHART VDP AT 3.17 DME; DISTANCE VDP TO THLD 1.04 MILES. CHART IN PLANVIEW: ASPER INT/AML 14.66 DME.
DADEY/I-SGC 18.68 DME/RADAR (IAF)	IZUMI INT/I-SGC 16.68 DME	190.67 / 2.00 (I-SGC)	3000	
IZUMI INT/I-SGC 16.68 DME (IF)	DOMSE INT/I-SGC 6.32 DME	190.67 / 10.35 (I-SGC)	1700	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT DADEY
- FAC: 190.67 FAF: DOMSE INT/I-SGC 6.32 DME DIST FAF TO MAP: 4.19 THLD: 4.19
- MIN. ALT: DADEY 4000, IZUMI 3000, DOMSE 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 999
- MIN GS INCPT: 1700 GS ALT AT: DOMSE INT/I-SGC 6.32 DME OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.3
- MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: ☒ STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: ☐ NA	ILS: #	LOC: STANDARD						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 19L	* 502	2400	200	* 502	2400	200	* 502	2400	200	* 502	2400	200			
S-LOC 19L	700	2400	398	700	2400	398	700	2400	398	700	4000	398			
CIRCLING	940	1	628	940	1	628	940	1 3/4	628	940	2	628			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 19C.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: S-LOC 19L MINIMA NA DURING SIMULTANEOUS OPERATIONS.
SEE 8260-10

CAT A, B, C, D 700-2

THIS IS A CORRECTED COPY OF THIS PROCEDURE PULISHED IN TL08-11.

CITY AND STATE WASHINGTON, DC	ELEVATION: 312 TDZE: 302 AIRPORT NAME: WASHINGTON DULLES INTL	FACILITY IDENTIFIER: I-SGC	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 19L, AMDT 13A JUN - 5 2008	SUP: AMDT: 13 DATED 07/05/2007

QUALITY
CHECKED

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MRB VORTAC AIRWAY RADIALS 088 CW 137.

CHART NOTE: *1800 RVR AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

CITY AND STATE

WASHINGTON, DC

ELEVATION: 312 TDZE: 302

AIRPORT NAME:

WASHINGTON DULLES INTL

FACILITY
IDENTIFIER:

I-SGC

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 19L, AMDT 13A

JUN - 5 2008

SUP:

AMDT: 13

DATED: 07/05/2007

CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 3L, STANDARD WITH MINIMUM CLIMB OF 392 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 213 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 3R, STANDARD WITH MINIMUM CLIMB OF 355 FT PER NM TO 1000 OR 400-2 WITH MINIMUM CLIMB OF 231 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(CONTINUED ON PAGE 2)

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-11.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3L - CLIMB HEADING 026.70 TO 1200 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

RWY 3R - CLIMB HEADING 025.01 TO 1400 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

RWY 7 - CLIMB HEADING 066.09 TO 1200 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

RWY 21R - CLIMB HEADING 206.70 TO 1500 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

RWY 21L - CLIMB HEADING 205.01 TO 1400 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

RWY 25 - CLIMB HEADING 246.10 TO 1900 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2,000 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3L, BLDG AND HANGERS BEGINNING 306' FROM DER, 258' LEFT OF CENTERLINE, UP TO 41' AGL/521' MSL. MULTIPLE TREES BEGINNING 958' FROM DER, 144' RIGHT OF CENTERLINE, UP TO 67' AGL/556' MSL. TREES 1.3 NM FROM DER, 2,271' LEFT OF CENTERLINE, 97' AGL/866' MSL. POLE 1.6 NM FROM DER, 334' LEFT OF CENTERLINE, 68' AGL/797' MSL.

NOTE: RWY 3R, MULTIPLE TREES BEGINNING 1,426' FROM DER, 196' LEFT OF CENTERLINE, UP TO 68' AGL/557' MSL. MULTIPLE TREES BEGINNING 840' FROM DER, 130' RIGHT OF CENTERLINE, UP TO 83' AGL/572' MSL. TREES 1.4 NM FROM DER, 2,393' LEFT OF CENTERLINE, 97' AGL/856' MSL. POLE 1.6 NM FROM DER, 2,062' LEFT OF CENTERLINE, 68' AGL/797' MSL. (CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 3L: 866 MSL TREES 390752.21N/0842457.23W. 797 MSL POLE 390805.87N/0842423.24W. 1,079 MSL AAO 390952.70N/0842258.00W. 1,109 MSL AAO 390942.75N/0842200.15W. 1,749 MSL TOWER 390730.00N/0842956.00W.

RWY 3R: 856 MSL TREES 390755.97N/0842432.62W. 797 MSL POLE 390805.87N/0842423.24W. 1,079 MSL AAO 390920.60N/0842206.10W. 1,109 MSL AAO 390942.75N/0842200.15W. 1,749 MSL TOWER 390730.00N/0842956.00W.

(CONTINUED ON PAGE 2)

(5) City, State

CINCINNATI, OH

(6) Airport

CINCINNATI MUNI AIRPORT-LUNKEN FIELD

(7) Effective Date
JUN 5 2008

(8) Amdt. No.
12

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE**

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

(1) TAKEOFF MINIMUMS: (CONTINUED FROM PAGE 1)

RWY 7, STANDARD WITH MINIMUM CLIMB OF 424 FT PER NM TO 1000 OR 400-1 3/4 WITH MINIMUM CLIMB OF 205 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 21R, STANDARD WITH MINIMUM CLIMB OF 467 FT PER NM TO 1100 OR 600-3 WITH MINIMUM CLIMB OF 223 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 21L, STANDARD WITH MINIMUM CLIMB OF 403 FT PER NM TO 1100 OR 600-2 3/4 WITH MINIMUM CLIMB OF 228 FT PER NM TO 1400 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 25, 600-2 3/4 WITH MINIMUM CLIMB OF 219 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(3) TAKEOFF OBSTACLE NOTES: (CONTINUED FROM PAGE 1)

NOTE: RWY 7, MULTIPLE TREES BEGINNING 447' FROM DER, 68' LEFT OF CENTERLINE, UP TO 87' AGL/576' MSL. MULTIPLE TREES BEGINNING 664' FROM DER, 45' LEFT OF CENTERLINE, UP TO 86' AGL/575' MSL. TREES 4,515' FROM DER, 1,519' RIGHT OF CENTERLINE, 81' AGL/720' MSL. TREES 1.4 NM FROM DER, 2,088' RIGHT OF CENTERLINE, 95' AGL/824' MSL.

NOTE: RWY 21R, MULTIPLE TREES BEGINNING 1,444' FROM DER, 204' FROM DER, UP TO 66' AGL/555' MSL. MULTIPLE TREES BEGINNING 1,072' FROM DER, 25' RIGHT OF CENTERLINE, UP TO 79' AGL/568' MSL. TREES 1.1 NM FROM DER, 2,261' RIGHT OF CENTERLINE, 86' AGL/895' MSL. TOWER 2.3 NM FROM DER, 527' LEFT OF CENTERLINE, 168' AGL/990' MSL. TOWER 2.4 NM FROM DER, 694' RIGHT OF CENTERLINE, 106' AGL/943' MSL.

NOTE: RWY 21L, MULTIPLE TREES BEGINNING 122' FROM DER, 104' LEFT OF CENTERLINE, UP TO 85' AGL/574' MSL. MULTIPLE TREES BEGINNING 422' FROM DER, 313' RIGHT OF CENTERLINE, UP TO 82' AGL/571' MSL. TREES 4,521' FROM DER, 1,659' LEFT OF CENTERLINE, 117' AGL/716' MSL. TOWER 2.0 NM FROM DER, 2,027' RIGHT OF CENTERLINE, 163' AGL/990' MSL. POLE 2.2 NM FROM DER, 281' RIGHT OF CENTERLINE, 78' AGL/841' MSL.

NOTE: RWY 25, SIGN, POLE, MULTIPLE HANGARS AND TREES BEGINNING 177' FROM DER, 13' LEFT OF CENTERLINE, UP TO 86' AGL/575' MSL. ROAD, BLDG, MULTIPLE POLES AND TREES BEGINNING 185' FROM DER, 5' RIGHT OF CENTERLINE, UP TO 73' AGL/562' MSL. TREES 4,537' FROM DER, 837' RIGHT OF CENTERLINE, 82' AGL/831' MSL. TANK 1.4 NM FROM DER, 1,755' RIGHT OF CENTERLINE, 210' AGL/1,046' MSL. ANTENNA ON BUILDING 2.3 NM FROM DER, 2,552' LEFT OF CENTERLINE, 116' AGL/915' MSL.

(4) CONTROLLING OBSTACLES: (CONTINUED FROM PAGE 1)

RWY 7: 720 MSL TREES 390640.64N/0842343.40W. 824 MSL TREES 390652.81N/0842258.46W. 1,079 MSL AAO 390905.30N/0842053.30W. 1,749 MSL TOWER 390730.00N/0842956.00W.

RWY 21R: 895 MSL TREES 390504.84N/0842626.94W. 990 MSL TOWER 390347.81N/0842629.92W. 943 TOWER 390351.00N/0842645.00W. 1,049 MSL AAO 390247.10N/0842645.00W.

1,743 MSL TOWER 390659.00N/0843007.00W.

RWY 21L: 716 MSL TREES 390446.19N/0842511.09W. 990 MSL TOWER 390347.81N/0842629.92W. 841 MSL POLE 390332.00N/0842614.00W. 1,069 MSL AAO 390225.30N/0842652.60W.

1,743 MSL TOWER 390659.00N/0843007.00W.

RWY 25: 831 MSL TREES 390555.63N/0842636.38W. 1,046 MSL TANK 390545.18N/0842726.67W. 915 MSL ANTENNA ON BUILDING 390443.13N/0842800.10W. 1,743 MSL TOWER 390659.00N/0843007.00W.

RWY 3L, 3R, 7, 21R, 21L, 25 (VCOA): 1,083 MSL TOWER 390736.00N/0842906.00W. 1,749 MSL TOWER 390730.00N/0842956.00W.

City, State CININNATI, OH		Airport CINCINNATI MUNI AIRPORT-LUNKEN FIELD		Effective Date JUN -5 2008	Amdt. No. 12
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAA 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				MISSSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18L CLIMB TO 3500 DIRECT ICECE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.08 INBOUND. CHART FAS OBST: 772 TOWER 361347N/09655204W CHART: ASR DISTANCE TO THLD FROM 267 HAT: 0.71 NM. CHART VDP AT 1.37 MILES TO RW18L * LNAV ONLY. WAAS CHANNEL # 93504 REFERENCE PATH ID: W18A											
MUTKU (IAF)	ORKUC (NOPT) (FB)	267.17 / 6.00	3500												
NUPXA (IAF)	ORKUC (NOPT) (FB)	087.03 / 6.00	3500												
ORKUC (IF/IAF)	IRUHU (FB)	177.10 / 7.82	2400												
This is a corrected copy of the procedure published in TL 08-10, dated 04/04/08.															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N ORKUC, RT, 177.10 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>177.00</u> FAF: <u>IRUHU</u> DIST FAF TO MAP: <u>5.32</u> THLD: <u>5.32</u> 4. MIN. ALT: <u>ORKUC 3500, IRUHU 2400, ERIRE/3.20 NM TO RW18L 1700*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>IRUHU</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.9</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 0E EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD 0										
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	908	2400	267	908	2400	267	908	2400	267	908	2400	267	908	2400	267
LNAV/VNAV DA	1117	6000	476	1117	6000	476	1117	6000	476	1117	6000	476	1117	6000	476
LNAV MDA	1080	2400	439	1080	2400	439	1080	4000	439	1080	5000	439	1080	5000	439
CIRCLING	1120	1	443	1140	1	463	1140	1 1/2	463	1300	2	623	1300	2 1/4	623
NOTES: CHART NOTE: CIRCLING NA FOR CAT E SOUTH OF RWY 6-25. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE				ELEVATION: 677 TDZE: 641		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
TULSA, OK				AIRPORT NAME: TULSA INTL				RNAV (GPS) RWY 18L, AMDT 1				AMDT: ORIG			
								JUN 5 2008				DATED 12/27/2001			

 QUALITY
CHECK

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

***LNAV ONLY**

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY 1/2 MILE, LNAV/VNAV CAT E VISIBILITY TO 1 3/4, AND LNAV CAT E VISIBILITY TO 1 1/2

CHART IN PLAINVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS.

TAA

	FROM	TO	ALT
1.	087/30 CW 287/30 (NOPT)	ORKUC (IF/IAF) (FB)	3500
2.	287/30 CW 357/30	MUTXU (IAF) (FB)	3600
3.	357/30 CW 087/30	NUPXA (IAF) (FB)	3500

CITY AND STATE

TULSA, OK

ELEVATION: 677 TDZE: 641

AIRPORT NAME:

TULSA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 12/27/2008

CHECK

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTUL
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	361250.1600N
LTP/FTP LONGITUDE	0955252.7200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01619
FPAP LATITUDE	361111.1400N
FPAP LONGITUDE	0955259.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00055.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

E47E2EF8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01909
FPAP ORTHOMETRIC HEIGHT	+01909

CITY AND STATE

TULSA, OK

ELEVATION: 677 TDZE: 641

AIRPORT NAME:

TULSA INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 12/27/2008

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTULR4FR18L	AMUTXU	010MUTXUK4EA0E	A	IF					18000		A JS	I
SUSAP	KTULR4FR18L	AMUTXU	020ORKUCK4EA0EE	010TF		26720060		+ 03500				A JS	I
SUSAP	KTULR4FR18L	ANUPXA	010NUPXAK4EA0E	A	IF					18000		A JS	I
SUSAP	KTULR4FR18L	ANUPXA	020ORKUCK4EA0EE	010TF		08700060		+ 03500				A JS	I
SUSAP	KTULR4FR18L	AORKUC	010ORKUCK4EA0EE	CR	HF	17710060		+ 03500		18000		A JS	I
SUSAP	KTULR4FR18L	R	010ORKUCK4EA0E	I	IF			+ 03500		18000		A JS	I
SUSAP	KTULR4FR18L	R	020IRUHUK4EA1E	F 051TF		17710070		+ 02400				A JS	I
SUSAP	KTULR4FR18L	R	020IRUHUK4EA2WALPV		ALNAV/VNAV ALNAV							JS	I
SUSAP	KTULR4FR18L	R	021ERIREK4EA0E	S 031TF		17710021		V 0170001711		-300		A JS	I
SUSAP	KTULR4FR18L	R	030RW18LK4PGOGY	M 031TF		17710032		00682		-300		A JS	I
SUSAP	KTULR4FR18L	R	040ICECEK4EA0EYM	010DF				+ 03500				A JS	I
SUSAP	KTULR4FR18L	R	050ICECEK4EA0EE	HR020HM		35710060		+ 03500				A JS	I

[illegible][illegible]

CITY AND STATE TULSA, OK	ELEVATION: 677 TDZE: 641 AIRPORT NAME: TULSA INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18L, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 12/27/2007

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

SUSAP KTULK4PR18L RW18L001 0000W18A0N3612501600W09552527200+016190300N3611111400W09552593100106750008000559F400500E47E2EF81
SUSAP KTULK4PR18L RW18L002E +01909+01909LPV 93504 000 I

CITY AND STATE

TULSA, OK

ELEVATION: 677 TDZE: 641

AIRPORT NAME:

TULSA INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 12/27/2007

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MUTXU	MUTXU	010	IAP	IF		FB				
	MUTXU	ORKUC	020		TF		FB	1.0	267.2(273T)	006.0	03500
	NUPXA	NUPXA	010	IAP	IF		FB				
	NUPXA	ORKUC	020		TF		FB	1.0	087.0(093T)	006.0	03500
	ORKUC	ORKUC	010		HF	R	FB		177.1(183T)	006.0	03500
		ORKUC	010	FACF	IF		FB				03500
		IRUHU	020	FAF	TF		FB	0.5	177.1(183T)	007.0	02400
		ERIRE	021	SDF	TF		FB	0.3	177.1(183T)	002.1	01700
		RW18L	030	MAP	TF		FO	0.3	177.1(183T)	003.2	00682

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ICECE	040		DF		FO	1.0			03500
	ICECE	050		HM	R	FO	2.0	357.1(003T)	006.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ERIRE	N361602.15	W0955239.92	N3616.036	W09552.665
	ICECE	N360050.46	W0955340.39	N3600.841	W09553.673
	IRUHU	N361809.06	W0955231.45	N3618.151	W09552.524
	MUTXU	N362450.21	W0954437.95	N3624.837	W09544.633
	NUPXA	N362529.20	W0955928.73	N3625.487	W09559.479
	ORKUC	N362509.94	W0955203.31	N3625.166	W09552.055
	RW18L	N361250.16	W0955252.72	N3612.836	W09552.879

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18L	00626		56

CITY AND STATE
TULSA, OK

ELEVATION: 677 TDZE: 641
 AIRPORT NAME:
 TULSA INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18L, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 12/27/2001

CHECKED

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:

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-11

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 1 - USE RICHFIELD (RNAV) DEPARTURE

RWY 19 - USE HAMET (RNAV) DEPARTURE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State RICHFIELD, UT	(6) Airport RICHFIELD MUNI	(7) Effective Date JUN - 5 2008	(8) Amdt. No. 1



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				MISSED APPROACH									
FROM	TO	COURSE AND DISTANCE	ALTITUDE										
EKN VORTAC	CIRYA (FO)	334.97 / 14.72	4700	LNAV: RW08 CLIMBING RIGHT TURN TO 4100 DIRECT CIRYA AND HOLD. ADDITIONAL FLIGHT DATA: FAS OBST: 2139 AAO 391025N0800630W JULNA TO RW08: 3.04/30									
CKB VOR/DME	CIRYA (FO)	191.60 / 8.12	4100										
BENZO (IAF)	CIRYA (NOPT) (FB)	093.65 / 12.39	4100										
CIRYA (IF/IAF)	JULNA (FB)	082.72 / 5.00	3400										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W CIRYA, RT, 082.72 INBOUND, 4100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>082.78</u> FAF: <u>JULNA</u> DIST FAF TO MAP: <u>5.13</u> THLD: <u>5.13</u> 4. MIN. ALT: <u>CIRYA 4100, JULNA 3400</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW08 5400</u>				MAG VAR: 9W EPOCH YEAR: 2010									
MINIMUMS													
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	
LNAV MDA	2460	1	705	2460	1	705	NA	NA	NA	NA	NA	NA	
CIRCLING	2520	1	765	2520	1 1/4	765	NA	NA	NA	NA	NA	NA	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGS AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10													
THIS IS CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL 08-11.													
CITY AND STATE			ELEVATION: 1755 TDZE: 1755			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:	
PHILIPPI, WV			AIRPORT NAME:			RNAV			RNAV (GPS) RWY 8, ORIG			AMDT: NONE	
			PHILIPP/BARBOUR COUNTY RGNL						JUN -5 2008			DATED	

 QUALITY
1
2

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: USE CLARKSBURG ALTIMETER SETTING, WHEN NOT RECEIVED, USE BUCKHANNON ALTIMETER SETTING AND INCREASE LNAV CAT A/B MDA 20 FEET.

CITY AND STATE

PHILIPPI, WV

ELEVATION: 1755 TDZE: 1755

AIRPORT NAME:

PHILIPPI/BARBOUR COUNTY RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, ORIG

JUN -5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

[illegible]

PAGE 3 OF 5 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BENZO	BENZO	010	IAF	IF		FB				
	BENZO	CIRYA	020		TF		FB	1.0	093.7(085T)	012.4	04100
	CKB	CKB	010		IF		FB				
	CKB	CIRYA	020	IAF	TF		FO	2.0	191.6(183T)	008.1	04100
	CKB	CIRYA	030		HF	R	FO		082.7(074T)	005.0	04100
	EKN	EKN	010		IF		FB				
	EKN	CIRYA	020	IAF	TF		FO	2.0	335.0(326T)	014.7	04700
	EKN	CIRYA	030		HF	R	FO		082.7(074T)	005.0	04100
		CIRYA	010	FACF	IF		FB				04100
		JULNA	020	FAF	TF		FB	0.5	082.7(074T)	005.0	03400
		RW08	030	MAP	TF		FO	0.3	082.8(074T)	005.1	01744

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIRYA	040		DF	R	FO	1.0			04100
	CIRYA	050		HM	R	FO	2.0	082.7(074T)	005.0	04100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CKB	N391511.59	W0801604.30	N3915.193	W08016.072
	EKN	N385451.97	W0800557.38	N3854.866	W08005.956
	BENZO	N390556.03	W0803223.74	N3905.934	W08032.396
	CIRYA	N390704.36	W0801632.67	N3907.073	W08016.545
	JULNA	N390828.35	W0801022.53	N3908.473	W08010.376
	RW08	N390954.17	W0800402.72	N3909.903	W08004.045

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW08	01714	30

CITY AND STATE
PHILIPPI, WV

ELEVATION: 1755 TDZE: 1755
 AIRPORT NAME:
PHILIPP/BARBOUR COUNTY RGNL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 8, ORIG
JUN -5 2008

SUP:
 AMDT: **NONE**
 DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30607; Amdt. No 3268]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

1. FAA Rules Docket, FAA Headquarters Building,
800 Independence Avenue, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which the
affected airport is located;
3. The National Flight Procedures Office, 6500 South
MacArthur Blvd., Oklahoma City, OK 73169 or,
4. The National Archives and Records Administration
(NARA). For information on the availability of this material at
NARA, call 202-741-6030, or go to:
http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

1. FAA Public Inquiry Center (APA-200), FAA Headquarters
Building, 800 Independence Avenue, SW., Washington, DC 20591; or
2. The FAA Regional Office of the region in which the
affected airport is located.

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

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

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

The 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. This, the advantages of incorporation by reference
are realized and publication of the complete description of each
SIAP, Takeoff Minimums and ODP listed on FAA forms is
unnecessary. This amendment provides the affected CFR sections
and specifies the types of SIAPs and the effective dates of the,
Associated Takeoff Minimums and ODPs. This amendment 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 May 2, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 5 JUN 2008

Blytheville, AR, Blytheville Muni, RNAV (GPS) RWY 18, Orig
Blytheville, AR, Blytheville Muni, RNAV (GPS) RWY 36, Orig
Blytheville, AR, Blytheville Muni, NDB RWY 18, Amdt 3
Blytheville, AR, Blytheville Muni, GPS RWY 36, Orig-A, CANCELLED
Blytheville, AR, Blytheville Muni, Takeoff and Minimums and Obstacle DP, Orig
Carlisle, AR, Carlisle Muni, RNAV (GPS) RWY 9, Orig
Carlisle, AR, Carlisle Muni, RNAV (GPS) RWY 27, Orig
Carlisle, AR, Carlisle Muni, GPS RWY 9, Amdt 1A, CANCELLED
Carlisle, AR, Carlisle Muni, Takeoff Minimums and Obstacle DP, Orig
Conway, AR, Dennis R. Cantrell Field, Takeoff Minimums and Obstacle DP, Amdt 1
Mena, AR, Intermountain Muni, ILS OR LOC RWY 27, Amdt 1
Mena, AR, Intermountain Muni, NDB RWY 27, Amdt 1
Hollister, CA, Hollister Muni, RNAV (GPS) RWY 31, Orig
Hollister, CA, Hollister Muni, GPS RWY 31, Amdt 1, CANCELLED
Hollister, CA, Hollister Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Hazlehurst, GA, Hazlehurst, Takeoff Minimums and Obstacle DP, Orig
Agana, Guam, Guam Intl, ILS OR LOC RWY 6R, Orig
Decorah, IA, Decorah Muni, NDB RWY 29, Amdt 1
Decorah, IA, Decorah Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Grinnell, IA, Grinnell Rgnl, RNAV (GPS) RWY 13 Amdt 1
Grinnell, IA, Grinnell Rgnl, RNAV (GPS) RWY 31, Amdt 1
Grinnell, IA, Grinnell Rgnl, NDB RWY 13, Amdt 4
Grinnell, IA, Grinnell Rgnl, VOR/DME RWY 31, Amdt 4
Grinnell, IA, Grinnell Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Arco, ID, Arco-Butte County, Takeoff Minimums and Obstacle DP, Amdt 1
Grangeville, ID, Idaho County, Takeoff Minimums and Obstacle DP, Amdt 1
Goshen, IN, Goshen Muni, ILS OR LOC RWY 27, Amdt 1
Goshen, IN, Goshen Muni, RNAV (GPS) RWY 27, Orig
Goshen, IN, Goshen Muni, VOR RWY 27, Amdt 7
Goshen, IN, Goshen Muni, Takeoff Minimums and Obstacle DP, Orig
Indianapolis, IN, Hendricks County-Gordon Graham Fld, RNAV (GPS) RWY 18, Orig
Indianapolis, IN, Hendricks County-Gordon Graham Fld, Takeoff Minimums and Obstacle DP, Orig
Ulyssess, KS, Ulyssess, RNAV (GPS) RWY 12, Amdt 1
Ulyssess, KS, Ulyssess, RNAV (GPS) RWY 30, Amdt 1
Baton Rouge, LA, Baton Rouge Metro, Ryan Field, ILS OR LOC RWY 22R, Amdt 10
Homer, LA, Homer Muni, RNAV (GPS) RWY 12, AMDT 1
Homer, LA, Homer Muni, RNAV (GPS) RWY 30, AMDT 1
Homer, LA, Homer Muni, Takeoff Minimums and Obstacle DP, Orig
New Roads, LA, False River Rgnl, RNAV (GPS) RWY 18, Orig
New Roads, LA, False River Rgnl, RNAV (GPS) RWY 36, Orig
New Roads, LA, False River Rgnl, VOR/DME-A, Amdt 4

New Roads, LA, False River Rgnl, GPS RWY 18, Orig-A, CANCELLED
New Roads, LA, False River Rgnl, Takeoff Minimums and Obstacle DP, Orig
Oakland, MD, Garrett County, VOR RWY 27, Amdt 4
Detroit, MI, Detroit Metropolitan Wayne County, NDB RWY 3L, Amdt 12D, CANCELLED
Oscoda, MI, Oscoda-Wurtsmith, RNAV (GPS) RWY 6, Orig
Oscoda, MI, Oscoda-Wurtsmith, VOR RWY 6, Amdt 1
Oscoda, MI, Oscoda-Wurtsmith, Takeoff Minimums and Obstacle DP, Orig
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 13, Orig
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 17, Amdt 1
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 31, Orig
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 35, Amdt 1
Ainsworth, NE, Ainsworth Muni, Takeoff Minimums and Obstacle DP, Orig
Columbus, NE, Columbus Muni, VOR RWY 14, Amdt 14A
Cozad, NE, Cozad Muni, RNAV (GPS) RWY 13, Amdt 1
Cozad, NE, Cozad Muni, RNAV (GPS) RWY 31, Amdt 1
Cozad, NE, Cozad Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Nebraska City, NE, Nebraska City Muni, RNAV (GPS) RWY 15, Orig
Nebraska City, NE, Nebraska City Muni, RNAV (GPS) RWY 33, Orig
Nebraska City, NE, Nebraska City Muni, GPS RWY 33, Amdt 1, CANCELLED
Nebraska City, NE, Nebraska City Muni, Takeoff and Minimums and Obstacle DP, Orig
Plattsmouth, NE, Plattsmouth Muni, RNAV (GPS) RWY 16, Amdt 1
Plattsmouth, NE, Plattsmouth Muni, RNAV (GPS) RWY 34, Amdt 1
Plattsmouth, NE, Plattsmouth Muni, NDB RWY 34 Amdt 1
Portsmouth, NH, Portsmouth Intl at Pease, RADAR-1, Amdt 1
Andover, NJ, Aeroflex-Andover, VOR-A, Amdt 8
Andover, NJ, Aeroflex-Andover, RNAV (GPS) RWY 3, Amdt 1
Albuquerque, NM, Albuquerque Intl Sunport, Takeoff Minimums and
Obstacle DP, Amdt 5
Olean, NY, Cattaraugus County- Olean, LOC RWY 22, Amdt 6
Cleveland, OH, Cleveland-Hopkins Intl, ILS OR LOC RWY 6R, Amdt 20
Cleveland, OH, Cleveland-Hopkins Intl, LDA/DME RWY 6R, Amdt 1
Cleveland, OH, Cleveland-Hopkins Intl, RNAV (GPS) RWY 6R, Amdt 2
Delaware, OH, Delaware Muni, RNAV (GPS) RWY 10, Orig
Delaware, OH, Delaware Muni, RNAV (GPS) RWY 28, Orig
Delaware, OH, Delaware Muni, GPS RWY 10, Orig-A, CANCELLED
Delaware, OH, Delaware Muni, GPS RWY 28, Orig-A, CANCELLED
Springfield, OH, Springfield-Beckley Muni, VOR RWY 24, Amdt 11
Springfield, OH, Springfield-Beckley Muni, VOR/DME RWY 33, Orig
Springfield, OH, Springfield-Beckley Muni, ILS OR LOC RWY 24, Amdt 1
Hinton, OK, Hinton, Muni, RNAV (GPS) RWY 17, Amdt 1
Hinton, OK, Hinton, Muni, RNAV (GPS) RWY 35, Amdt 1
Hinton, OK, Hinton, Muni, Takeoff and Minimums and Obstacle DP, Orig
Tahlequah, OK, Tahlequah Muni, RNAV (GPS) RWY 17, Amdt 1

Tahlequah, OK, Tahlequah Muni, RNAV (GPS) RWY 35, Amdt 1
Tahlequah, OK, Tahlequah Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Dubois, PA, Dubois Regional, ILS OR LOC RWY 25, Amdt 8
Dubois, PA, Dubois Regional, RNAV (GPS) RWY 25, Orig
Reedsville, PA, Mifflin County, Takeoff Minimums and Obstacle DP, Amdt 3
Somerset, PA, Somerset County, NDB RWY 25, Amdt 6
Somerset, PA, Somerset County, LOC/NDB RWY 25, Amdt 4
Waynesburg, PA, Greene County, RNAV (GPS) RWY 9, Orig
Waynesburg, PA, Greene County, RNAV (GPS) RWY 27, Orig
Smithville, TN, Smithville Muni, RNAV (GPS) RWY 6, Amdt 1
Smithville, TN, Smithville Muni, RNAV (GPS) RWY 24, Amdt 1
Smithville, TN, Smithville Muni, Takeoff Minimums and Obstacle DP, Orig
Angleton/Lake Jackson, TX, Brazoria County, Takeoff and Minimums and Obstacle DP, Amdt 1
Brownsville, TX, Brownsville/South Padre Island Intl, RNAV (GPS) RWY 13R, Amdt 1
Galveston, TX, Scholes Intl at Galveston, Takeoff and Minimums and Obstacle DP, Amdt 4
Houston, TX, David Wayne Hooks Memorial, Takeoff and Minimums and Obstacle DP, Amdt 3
Houston, TX, Ellington Field, RNAV (GPS) RWY 4, Amdt 1
Houston, TX, Ellington Field, Takeoff and Minimums and Obstacle DP, Amdt 2
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 8L, ILS RWY 8L (CAT II), ILS RWY 8L (CAT III), Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 8R, Amdt 22B
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 9, Amdt 7A
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 15R, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 26L, ILS RWY 26L (CAT II), ILS RWY 26L (CAT III), Amdt 18A
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 26R, ILS RWY 26R (CAT II), ILS RWY 26R (CAT III), Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, ILS OR LOC RWY 27, ILS RWY 27 (CAT II), ILS RWY 27 (CAT III), Amdt 6A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) RWY 15R, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 8L, Amdt 2
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 8R, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 9, Amdt 2A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 26L, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 26R, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, RNAV (GPS) Z RWY 27, Amdt 1A
Houston, TX, George Bush Intercontinental/Houston, Takeoff and Minimums and Obstacle DP, Amdt 2
Houston, TX, Houston-Southwest, Takeoff and Minimums and Obstacle DP, Amdt 5
Houston, TX, Lone Star Executive, Takeoff and Minimums and Obstacle DP, Amdt 2
Houston, TX, Sugar Land Rgnl, Takeoff and Minimums and Obstacle DP, Amdt 7
Houston, TX, Weiser Air Park, Takeoff and Minimums and Obstacle DP, Amdt 2

Houston, TX, William P. Hobby, Takeoff and Minimums and Obstacle DP, Amdt 5
La Porte, TX, La Porte Muni, Takeoff and Minimums and Obstacle DP, Amdt 4
Louisa, VA, Louisa County/Freeman Field, LOC/DME RWY 27, Amdt 2
Charlotte Amalie, VI, Cyril E King, Takeoff Minimums and Obstacle DP, Amdt 1
Appleton, WI, Outagamie County Rgnl, LOC BC RWY 11, Amdt 1B, CANCELLED
Ashland, WI, John F. Kennedy Memorial, RNAV (GPS) RWY 2, Orig
Ashland, WI, John F. Kennedy Memorial, RNAV (GPS) RWY 13, Orig
Ashland, WI, John F. Kennedy Memorial, RNAV (GPS) RWY 20, Orig
Ashland, WI, John F. Kennedy Memorial, RNAV (GPS) RWY 31, Orig
Ashland, WI, John F. Kennedy Memorial, VOR RWY 2, Amdt 6
Ashland, WI, John F. Kennedy Memorial, VOR RWY 31, Amdt 7
Ashland, WI, John F. Kennedy Memorial, Takeoff and Minimums and Obstacle DP, Amdt 1
La Pointe, WI, Madeline Island, RNAV (GPS) RWY 4, ORIG
La Pointe, WI, Madeline Island, RNAV (GPS) RWY 22, ORIG
La Pointe, WI, Madeline Island, Takeoff and Minimums and Obstacle DP, Orig
Lone Rock, WI, Tri-County Rgnl, RNAV (GPS) RWY 9, Orig
Lone Rock, WI, Tri-County Rgnl, RNAV (GPS) RWY 27, Orig
Lone Rock, WI, Tri-County Rgnl, VOR-A, Amdt 7
Oshkosh, WI, Wittman Rgnl, RNAV (GPS) RWY 9, Orig
Oshkosh, WI, Wittman Rgnl, RNAV (GPS) RWY 18, Orig
Oshkosh, WI, Wittman Rgnl, RNAV (GPS) RWY 27, Orig
Oshkosh, WI, Wittman Rgnl, VOR RWY 9, Amdt 9
Oshkosh, WI, Wittman Rgnl, VOR RWY 18, Amdt 7
Oshkosh, WI, Wittman Rgnl, GPS RWY 27 Orig-A, CANCELLED
Oshkosh, WI, Wittman Rgnl, Takeoff and Minimums and Obstacle DP, Orig

Effective 3 JUL 2008

Warroad, MN, Warroad Intl Memorial, ILS OR LOC RWY 31, Amdt 1A
Rome, NY, Griffiss Airfield, Rome, NY, Takeoff Minimums and Obstacle DP, 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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
LUMXU	ZIBOS (FB)	076.04 / 16.86	2500	LNAV: RW18			
ICJIX	ZIBOS (FB)	099.27 / 7.92	2500				
DYR VORTAC	JUDIG (FB)	289.04 / 21.47	2500	CLIMB TO 2500 DIRECT JIMIN AND HOLD.			
ZIBOS (IAF)	TASOE (NOPT) (FB)	087.84 / 5.00	2500				
JUDIG (IAF)	TASOE (NOPT) (FB)	267.96 / 5.00	2500	ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.90 INBOUND. CHART FAS OBST: 359 TREE 355714N/0894942W 459 AAO 360013N/0894957W YORUN TO RW18: 3.05/48 CHART VDP AT 1.00 MILES TO RW18			
TASOE (IF/IAF)	YORUN (FB)	177.90 / 6.25	2000				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD N TASOE, RT, 177.90 INBOUND, 2500 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>177.90</u> FAF: <u>YORUN</u>	DIST FAF TO MAP: <u>5.25</u> THLD: <u>5.25</u>
4. MIN. ALT: <u>TASOE 2500, YORUN 2000, AGVUW/3.10 NM TO RW18 1280</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS CLEAR	
8. MSA FROM: <u>RW18 2300</u>	

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	620	1	365	620	1	365		NA			NA				
CIRCLING	760	1	505	780	1	525		NA			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DYR VORTAC VIA V47 NORTHEAST BOUND.

CHART NOTE: VDP NA WHEN USING DYERSBURG ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DYERSBURG ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BLYTHEVILLE, AR	ELEVATION: 255 TDZE: 255	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG JUN 5 2008	SUP:
	AIRPORT NAME: BLYTHEVILLE MUNI			AMDT: NONE
				DATED



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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHKAK4FR18	ADYR	010DYR	K7D	0V	IF					18000		B	JS
SUSAP KHKAK4FR18	ADYR	020JUDIGK3EA0E	A	020TF		28900215		+ 02500				B	JS
SUSAP KHKAK4FR18	ADYR	030TASOEK3EA0EE	020TF			26800050		+ 02500				B	JS
SUSAP KHKAK4FR18	AICJIX	010ICJIXK3EA0E	IF							18000		B	JS
SUSAP KHKAK4FR18	AICJIX	020ZIBOSK3EA0E	A	020TF		09930079		+ 02500				B	JS
SUSAP KHKAK4FR18	AICJIX	030TASOEK3EA0EE	010TF			08780050		+ 02500				B	JS
SUSAP KHKAK4FR18	ALUMXU	010LUMXUK3EA0E	IF							18000		B	JS
SUSAP KHKAK4FR18	ALUMXU	020ZIBOSK3EA0E	A	020TF		07600169		+ 02500				B	JS
SUSAP KHKAK4FR18	ALUMXU	030TASOEK3EA0EE	010TF			08780050		+ 02500				B	JS
SUSAP KHKAK4FR18	ATASOE	010TASOEK3EA0EE	CR	HF		17790040		+ 02500		18000		B	JS
SUSAP KHKAK4FR18	R	010TASOEK3EA0E	I	IF				+ 02500		18000		B	JS
SUSAP KHKAK4FR18	R	020YORUNK3EA1E	F	051TF		17790063		+ 02000			RW18	K4PGB	JS
SUSAP KHKAK4FR18	R	020YORUNK3EA2WN			N	ALNAV							JS
SUSAP KHKAK4FR18	R	021AGVUWK4EA0E	S	031TF		17790022		V 0128001316		-305		B	JS

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17790031	00303	-305	B JS
	+ 02500		B JS
35790040	+ 02500		B JS

[illegible]

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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DYR	DYR	010		IF		FB				
	DYR	JUDIG	020	IAF	TF		FB	2.0	289.0(290T)	021.5	02500
	DYR	TASOE	030		TF		FB	2.0	268.0(269T)	005.0	02500
	ICJIX	ICJIX	010		IF		FB				
	ICJIX	ZIBOS	020	IAF	TF		FB	2.0	099.3(100T)	007.9	02500
	ICJIX	TASOE	030		TF		FB	1.0	087.8(089T)	005.0	02500
	LUMXU	LUMXU	010		IF		FB				
	LUMXU	ZIBOS	020	IAF	TF		FB	2.0	076.0(077T)	016.9	02500
	LUMXU	TASOE	030		TF		FB	1.0	087.8(089T)	005.0	02500
	TASOE	TASOE	010		HF	R	FB		177.9(179T)	004.0	02500
		TASOE	010	FACF	IF		FB				02500
		YORUN	020	FAF	TF		FB	0.5	177.9(179T)	006.3	02000
		AGVUW	021	SDF	TF		FB	0.3	177.9(179T)	002.2	01280
		RW18	030	MAP	TF		FO	0.3	177.9(179T)	003.1	00303

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JIMIN	040		DF		FO				02500
	JIMIN	050		HM	R	FO	2.0	357.9(359T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DYR	N360107.06	W0891903.36	N3601.118	W08919.056
	AGVUW	N355956.42	W0894955.88	N3559.940	W08949.931
	ICJIX	N360940.34	W0900555.34	N3609.672	W09005.922
	JIMIN	N354429.86	W0894934.05	N3544.498	W08949.568
	JUDIG	N360826.66	W0894357.51	N3608.444	W08943.959
	LUMXU	N360429.74	W0901635.12	N3604.496	W09016.585
	TASOE	N360821.05	W0895007.83	N3608.351	W08950.131
	YORUN	N360205.71	W0894958.94	N3602.095	W08949.982
	ZIBOS	N360815.12	W0895618.13	N3608.252	W08956.302
	RW18	N355650.18	W0894951.48	N3556.836	W08949.858

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	00255		48

CITY AND STATE
BLYTHEVILLE, AR

ELEVATION: 255 TDZE: 255
 AIRPORT NAME:
BLYTHEVILLE MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LUMXU	WIPUP (FB)	138.70 / 26.27	2500	LNAV: RW36
ICJIX	WIPUP (FB)	160.76 / 26.56	2500	
DYR VORTAC	IYUGU (FB)	229.32 / 25.78	2500	CLIMB TO 2500 DIRECT TASOE AND HOLD.
WIPUP (IAF)	JIMIN (NOPT) (FB)	087.84 / 5.00	2500	
IYUGU (IAF)	JIMIN (NOPT) (FB)	267.96 / 5.00	2500	ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.90 INBOUND. CHART FAS OBST: 364 TREE 355556N/0894946W XUMMY TO RW36: 3.04/48 CHART VDP AT 1.00 MILES TO RW36
JIMIN (IF/IAF)	XUMMY (FB)	357.90 / 6.24	2000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S JIMIN, RT, 357.90 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 357.90 FAF: XUMMY DIST FAF TO MAP: 5.26 THLD: 5.26
- MIN. ALT: JIMIN 2500, XUMMY 2000, OLEVE/3.10 NM TO RW36 1280
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW36 2300

MAG VAR: 1E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		#	STANDARD							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	620	1	365	620	1	365		NA			NA				
CIRCLING	760	1	505	780	1	525		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA. # NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: VDP NA WHEN USING DYERSBURG ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DYR VORTAC AIRWAY RADIALS 184 CW 282 AND ARRIVALS AT ICJIX VIA V9 NORTH BOUND.
SEE 8260-10

CITY AND STATE BLYTHEVILLE, AR	ELEVATION: 255 TDZE: 255 AIRPORT NAME: BLYTHEVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG JUN 5 2008	SUP: AMD: NONE DATED



**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 DYERSBURG ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

CITY AND STATE

BLYTHEVILLE, AR

ELEVATION: 255 TDZE: 255

AIRPORT NAME:

BLYTHEVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:



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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KHKAK4FR36	ADYR	010D	YR K7D 0V	IF					18000		B JS	
SUSAP	KHKAK4FR36	ADYR	020I	YUGUK7EA0E A 020TF		22930258		+ 02500				B JS	
SUSAP	KHKAK4FR36	ADYR	030J	IMINK7EA0EE 010TF		26800050		+ 02500				B JS	
SUSAP	KHKAK4FR36	AICJIX	010I	CJIXK3EA0E IF						18000		B JS	
SUSAP	KHKAK4FR36	AICJIX	020W	IPUPK7EA0E A 020TF		16080266		+ 02500				B JS	
SUSAP	KHKAK4FR36	AICJIX	030J	IMINK7EA0EE 010TF		08780050		+ 02500				B JS	
SUSAP	KHKAK4FR36	AJIMIN	010J	IMINK7EA0EE CR HF		35790040		+ 02500		18000		B JS	
SUSAP	KHKAK4FR36	ALUMXU	010L	UMXUK3EA0E IF						18000		B JS	
SUSAP	KHKAK4FR36	ALUMXU	020W	IPUPK7EA0E A 020TF		13870263		+ 02500				B JS	
SUSAP	KHKAK4FR36	ALUMXU	030J	IMINK7EA0EE 010TF		08780050		+ 02500				B JS	
SUSAP	KHKAK4FR36	R	010J	IMINK7EA0E I IF						18000		B JS	
SUSAP	KHKAK4FR36	R	020X	UMMYK4EA1E F 051TF		35790062		+ 02000			RW36 K4PGB	JS	
SUSAP	KHKAK4FR36	R	020X	UMMYK4EA2WN	N	ALNAV						JS	
SUSAP	KHKAK4FR36	R	025O	LEVEK4EA0B S 031TF		35790022		V 0128001312		-304		B JS	

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.

[illegible]

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DYR	DYR	010		IF		FB				
	DYR	IYUGU	020	IAF	TF		FB	2.0	229.3(230T)	025.8	02500
	DYR	JIMIN	030		TF		FB	1.0	268.0(269T)	005.0	02500
	ICJIX	ICJIX	010		IF		FB				
	ICJIX	WIPUP	020	IAF	TF		FB	2.0	160.8(162T)	026.6	02500
	ICJIX	JIMIN	030		TF		FB	1.0	087.8(089T)	005.0	02500
	JIMIN	JIMIN	010		HF	R	FB		357.9(359T)	004.0	02500
	LUMXU	LUMXU	010		IF		FB				
	LUMXU	WIPUP	020	IAF	TF		FB	2.0	138.7(140T)	026.3	02500
	LUMXU	JIMIN	030		TF		FB	1.0	087.8(089T)	005.0	02500
		JIMIN	010	FACF	IF		FB				02500
		XUMMY	020	FAF	TF		FB	0.5	357.9(359T)	006.2	02000
		OLEVE	025	SDF	TF		FB	0.3	357.9(359T)	002.2	01280
		RW36	030	MAP	TF		FO	0.3	357.9(359T)	003.1	00302

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TASOE	040		TF		FO				02500
	TASOE	050		HM	R	FO	2.0	177.9(179T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DYR	N360107.06	W0891903.36	N3601.118	W08919.056
	ICJIX	N360940.34	W0900555.34	N3609.672	W09005.922
	IYUGU	N354435.47	W0894325.58	N3544.591	W08943.426
	JIMIN	N354429.86	W0894934.05	N3544.498	W08949.568
	LUMXU	N360429.74	W0901635.12	N3604.496	W09016.585
	OLEVE	N355254.51	W0894945.93	N3552.909	W08949.766
	TASOE	N360821.05	W0895007.83	N3608.351	W08950.131
	WIPUP	N354423.94	W0895542.50	N3544.399	W08955.708
	XUMMY	N355045.03	W0894942.87	N3550.751	W08949.715
	RW36	N355600.75	W0894950.32	N3556.013	W08949.839

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW36	00254	48

CITY AND STATE
 BLYTHEVILLE, AR

ELEVATION: 255 TDZE: 255
 AIRPORT NAME:
 BLYTHEVILLE MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG
 JUN 5 2008

SUP:
 AMDT: NONE
 DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: IUI NDB
DYR VORTAC	IUI NDB	256.24 / 25.60	2000	CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 2000 DIRECT IUI NDB AND HOLD.
MAW VORTAC	IUI NDB	171.16 / 37.18	2000	
HELMS INT	IUI NDB	144.70 / 8.55	2000	
				ADDITIONAL FLIGHT DATA: HOLD N, LT, 186.00 INBOUND. CHART FAS OBST: 558 TOWER 360535N/0894945W FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT R SIDE OF COURSE 005.97 OUTBOUND 2000 FT WITHIN 10 MILES OF IUI NDB (IAF)
 2. _____
 3. FAC 185.97 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: IUI NDB 360-270 2000, 270-360 2300

MAG VAR: 1E

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				
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-18		960	1	705	960	1	705		NA			NA						
CIRCLING		960	1	705	960	1	705		NA			NA						

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DYERSBURG ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CAT B VISIBILITY 1/4 MILE.

CITY AND STATE BLYTHEVILLE, AR	ELEVATION: 255	TDZE: 255	FACILITY IDENTIFIER: IUI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 18, AMDT 3 JUN 5 2008	SUP NDB OR GPS RWY
	AIRPORT NAME: BLYTHEVILLE MUNI	18			
		AMDT 2			
		DATE 07/21/1994			



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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

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 JUN 5 2008

CITY AND STATE BLYTHEVILLE, AR	ELEVATION: 255 TDZE: 255 AIRPORT NAME: BLYTHEVILLE MUNI	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 36, ORIG-A, 04/10/2008	SUP AMDT ORIG DATE 12/5/96



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 18, 36, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREE 487' FROM DER, 345' LEFT OF CENTERLINE, 100' AGL/364' MSL. TREE 1780' FROM DER, 748' RIGHT OF CENTERLINE, 100' AGL/364' MSL.

NOTE: RWY 36, TREE 2393' FROM DER, 825' RIGHT OF CENTERLINE, 100' AGL/ 359' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BLYTHEVILLE, AR

(6) Airport

BLYTHEVILLE MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
DUMPI (IAF)	CIVAY (NOPT) (FB)	174.76 / 7.72	2500	LNAV: RW09 CLIMB TO 2500 DIRECT NOLRE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 268.22 INBOUND. FAS OBST: 439 AAO 344913N/0914719W 449 AAO 344913N/0914901W TAXJU TO RW09: 3.05/48.			
QITXO (IAF)	CIVAY (NOPT) (FB)	351.72 / 8.84	2500				
CIVAY (IF/IAF)	TAXJU (FB)	087.95 / 6.20	2000				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD W CIVAY, RT, 087.95 INBOUND, 2500 FT. IN LIEU OF PT (IAF)	
3. FAC: 088.02 FAF: TAXJU DIST FAF TO MAP: 5.30 THLD: 5.30	
4. MIN. ALT: CIVAY 2500, TAXJU 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: RW09 2500	

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	780	1	540	780	1	540		NA			NA				
CIRCLING	840	1	600	840	1	600		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 DUMPI VIA V305 NORTHEAST BOUND.
 CHART NOTE: USE STUTTGART ALTIMETER SETTING WHEN NOT RECEIVED, USE LITTLE ROCK ADAMS FIELD
 ALTIMETER SETTING AND INCREASE ALL MDA'S 20 FEET.

CITY AND STATE CARLISLE, AR	ELEVATION: 240 TDZE: 240 AIRPORT NAME: CARLISLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG JUN 5 2008	SUP: AMDT: NONE DATED

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

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PAGE 2 OF 3 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIVAY	CIVAY	010		HF	R	FB		088.0 (091T)	004.0	02500
	DUMPI	DUMPI	010	IAF	IF		FB				
	DUMPI	CIVAY	020		TF		FB	1.0	174.8 (178T)	007.7	02500
	QITXO	QITXO	010	IAF	IF		FB				
	QITXO	CIVAY	020		TF		FB	1.0	351.7 (355T)	008.8	02500
		CIVAY	010	FACF	IF		FB				02500
		TAXJU	020	FAF	TF		FB	0.5	088.0 (091T)	006.2	02000
		RW09	030	MAP	TF		FO	0.3	088.0 (091T)	005.3	00286

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NOLRE	040		DF		FO	1.0			02500
	NOLRE	050		HM	R	FO	2.0	268.2 (271T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVAY	N344834.01	W0915718.82	N3448.567	W09157.314
	DUMPI	N345617.71	W0915740.86	N3456.295	W09157.681
	NOLRE	N344806.99	W0912829.33	N3448.117	W09128.489
	QITXO	N343944.93	W0915619.49	N3439.749	W09156.325
	TAXJU	N344827.62	W0914947.33	N3448.460	W09149.789
	RW09	N344821.78	W0914321.01	N3448.363	W09143.350

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00238	48

CITY AND STATE
CARLSLE, AR

ELEVATION: 240 TDZE: 240
 AIRPORT NAME:
CARLSLE MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

APPROVED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 4M3 K4FR27	ADRAST 010DRASTK4EA0E	A	IF						18000			B JS	
SUSAP 4M3 K4FR27	ADRAST 020NOLREK4EA0EE		010TF			34500106		+ 02500				B JS	
SUSAP 4M3 K4FR27	ANOLRE 010NOLREK4EA0EE	CR	HF			26820040		+ 02500	18000			B JS	
SUSAP 4M3 K4FR27	ASIBOE 010SIBOEK4EA0E	A	IF						18000			B JS	
SUSAP 4M3 K4FR27	ASIBOE 020NOLREK4EA0EE		010TF			17290091		+ 02500				B JS	
SUSAP 4M3 K4FR27	R		010NOLREK4EA0E	I	IF			+ 02500	18000			B JS	
SUSAP 4M3 K4FR27	R		020CIVKIK4EA1E	F	051TF	26820062		+ 02000			RW27	K4PGB JS	
SUSAP 4M3 K4FR27	R		020CIVKIK4EA2WN				N	ALNAV					JS
SUSAP 4M3 K4FR27	R		021WOXONK4EA0E	S	031TF	26820033		V 0092000927		-305		B JS	
SUSAP 4M3 K4FR27	R		030RW27 K4PG0GY	M	031TF	26820020		00287		-305		B JS	
SUSAP 4M3 K4FR27	R		040CIVAYK4EA0EYM		010DF			+ 02500				B JS	
SUSAP 4M3 K4FR27	R		050CIVAYK4EA0EE		HR020HM	08800040		+ 02500				B JS	

[illegible][illegible]

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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SUSAP 4M3 K4SRW27 K4PG

0 18018002525

M

CITY AND STATE

CARLISLE, AR

ELEVATION: 240 TDZE: 240

AIRPORT NAME:

CARLISLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	DRAST	DRAST	010	IAF	IF		FB				
	DRAST	NOLRE	020		TF		FB	1.0	345.0(348T)	010.6	02500
	NOLRE	NOLRE	010		HF	R	FB		268.2(271T)	004.0	02500
	SIBOE	SIBOE	010	IAF	IF		FB				
	SIBOE	NOLRE	020		TF		FB	1.0	172.9(176T)	009.1	02500
		NOLRE	010	FACF	IF		FB				02500
		CIVKI	020	FAF	TF		FB	0.5	268.2(271T)	006.2	02000
		WOKON	021	SDF	TF		FB	0.3	268.2(271T)	003.3	00920
		RW27	030	MAP	TF		FO	0.3	268.2(271T)	002.0	00287

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIVAY	040		DF		FO	1.0			02500
	CIVAY	050		HM	R	FO	2.0	088.0(091T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVAY	N344834.01	W0915718.82	N3448.567	W09157.314
	CIVKI	N344814.71	W0913600.78	N3448.245	W09136.013
	DRAST	N343744.23	W0912548.42	N3437.737	W09125.807
	NOLRE	N344806.99	W0912829.33	N3448.117	W09128.489
	SIBOE	N345714.76	W0912917.48	N3457.246	W09129.291
	WOKON	N344818.63	W0914001.36	N3448.311	W09140.023
	RW27	N344820.94	W0914227.06	N3448.349	W09142.451

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00240	47

CITY AND STATE
CARLISLE, AR

ELEVATION: 240 TDZE: 240
 AIRPORT NAME:
CARLISLE MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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 JUN - 5 2008

CITY AND STATE CARLISLE, AR	ELEVATION: 240 TDZE: 240	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 09, AMDT 1A, 07/11/2003	SUP
	AIRPORT NAME: CARLISLE MUNI			AMDT 1
				DATE 11/06/1997

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 9, TREES 2,966' FROM DER, 1,135' RIGHT OF CENTERLINE, 100' AGL/339' MSL. BLDG 82' FROM DER, 331' LEFT OF CENTERLINE, 20' AGL/ 264' MSL. BLDG 781' FROM DER, 565' RIGHT OF CENTERLINE, 30' AGL/269' MSL. NOTE: RWY 18, TREES 306' FROM DER, ACROSS CENTERLINE, UP TO 100' AGL/344' MSL. ROAD 674' FROM DER, ACROSS CENTERLINE, 17' AGL/262' MSL. NOTE: RWY 27, TREES 2,668' FROM DER, 516' RIGHT OF CENTERLINE, 100' AGL/344' MSL. NOTE: RWY 36, ROAD 396' FROM DER, ACROSS CENTERLINE, 15' AGL/ 259' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

CARLISLE, AR

(6) Airport

CARLISLE MUNI

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

ORIG

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 8, 26 NA AT NIGHT

RWY 8, 18 STANDARD

RWY 26, 200-1 OR STANDARD WITH A MINIMUM CLIMB OF 346' PER NM TO 600.

RWY 36, 400-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 289' PER NM TO 900.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 36, CLIMB HEADING 358.26 TO 900 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TREES, TOWER, POLES AND A BUILDING BEGINNING 355' FROM DER, 10' RIGHT OF CENTERLINE, UP TO 100' AGL/399' MSL.

TREES, BUILDINGS, POLES, SIGN, AND A VEHICLE ON ROADWAY BEGINNING 65' FROM DER, 18' LEFT OF CENTERLINE, UP TO 100' AGL/399' MSL.

NOTE: RWY 18, SILO 2,222' FROM DER, 64' RIGHT OF CENTERLINE, 110' AGL/413' MSL. TREES BEGINNING 2,370' FROM DER, 888' RIGHT OF CENTERLINE, UP TO 100' AGL/399' MSL.

NOTE: RWY 26, ANTENNA 2,003' FROM DER, 932' RIGHT OF CENTERLINE, 140' AGL/449' MSL. TANK 3,636' FROM DER, 1,178' LEFT OF CENTERLINE, 165' AGL/475' MSL. TERRAIN BEGINNING 27' FROM DER, 83' RIGHT OF CENTERLINE, UP TO 0' AGL/325' MSL. (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 26: 475 MSL TANK 350435.00N/0922636.00W

RWY 36: 650 MSL TOWER 350646.00N/0922443.00W, 687 MSL TOWER 350647.00N/0922434.00W

(5) City, State

CONWAY, AR

(6) Airport

DENNIS F. CANTRELL FIELD

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnet

TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 36, TOWER 11,088' FROM DER, 3,152' RIGHT OF CENTERLINE, 150' AGL/650' MSL. TOWER 11,231' FROM DER, 3,894' RIGHT OF CENTERLINE, 180' AGL/687' MSL. TREES BEGINNING 2,016' FROM DER, 340' RIGHT OF CENTERLINE, UP TO 100' AGL/409' MSL. TREES AND TOWERS BEGINNING 4,368' FROM DER, 964' LEFT OF CENTERLINE, UP TO 119' AGL/428' MSL.

City, State CONWAY, AR		Airport DENNIS F. CANTRELL FIELD		Effective Date JUN 5 2008		Amdt. No. 1	
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date		

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		ILS: DA LOC: 5.71 MILES AFTER FENCH LOM/I-VMU 6.85 DME OR AT I-VMU 1.13 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3600 DIRECT FENCH LOM/I-VMU 6.85 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 269.19 INBOUND. FAS OBST: 1239 AAO 343212N/0940719W 1359 AAO 343150N/0940427W. CHART HOG LOW SOUTH MOA. CHART VDP AT 2.69 DME; DISTANCE VDP TO THLD 1.56 MILES.									
PGO VORTAC		FENCH LOM/I-VMU 6.85 DME		103.54 / 27.86		4200											
BATEZ INT		FENCH LOM/I-VMU 6.85 DME		151.97 / 15.47		4200											
UMPIR INT		FENCH LOM/I-VMU 6.85 DME		017.46 / 12.37		4200											
1. PT <u>L</u> SIDE OF COURSE <u>089.19</u> OUTBOUND <u>3600</u> FT WITHIN <u>10</u> MILES OF <u>FENCH LOM</u> (IAF) 2. _____ 3. FAC: <u>269.19</u> FAF: <u>FENCH LOM/I-VMU 6.85 DME</u> DIST FAF TO MAP: <u>5.71</u> THLD: <u>5.71</u> 4. MIN. ALT: <u>FENCH LOM 3100</u> 5. DIST TO THLD FROM OM: <u>5.71</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>986</u> 6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2957</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.0</u> 8. MSA FROM: <u>VM NDB 3900</u>								MAG VAR: 3E 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		
S-ILS 27	1458	1 1/2	400	1458	1 1/2	400	1458	1 1/2	400		NA						
S-LOC 27	1600	1	542	1600	1	542	1600	1 1/2	542		NA						
CIRCLING	1880	1	801	1940	1 1/4	861	2060	3	981		NA						
NOTES: CHART NOTE: ADF REQUIRED. CHART PLANVIEW NOTE: ADF OR DME REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT SMITH REGIONAL ALTIMETER SETTING AND INCREASE DA 197 FEET, ALL MDA'S 200 FEET, INCREASE S-ILS 27 VISIBILITIES 1/2 MILE, S-LOC 27 SEE 8260-10																	
CITY AND STATE MENA, AR				ELEVATION: 1079 TDZE: 1058 AIRPORT NAME: MENA INTERMOUNTAIN MUNI				FACILITY IDENTIFIER: I-VMU				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27, AMDT 1 JUN 5 2008				SUP: AMDT: ORIG DATED 07/07/2005	

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.

CAT B VISIBILITY 1/4 MILE, CAT C VISIBILITY 3/4 MILE AND CIRCLING CAT A/B 1/4 MILE.

CHART NOTE: VDP NA WHEN USING FORT SMITH REGIONAL ALTIMETER SETTING.

CITY AND STATE

MENA, AR

ELEVATION: 1079 TDZE: 1058

AIRPORT NAME:

MENA INTERMOUNTAIN MUNI

FACILITY
IDENTIFIER:

I-VMU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 07/07/2005

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

1. PT <u>L</u> SIDE OF COURSE <u>089.00</u> OUTBOUND <u>3600</u> FT WITHIN <u>10</u> MILES OF <u>FENCH LOM</u> (IAF)	
2.	
3. FAC <u>269.00</u> FAF <u>FENCH LOM</u> DIST FAF TO MAP <u>5.71</u> THLD <u>5.71</u>	
4. MIN. ALT <u>FENCH LOM 3100</u>	
8. MSA FROM: <u>VM NDB 3900</u>	
	MAG VAR: 5E EPOCH YEAR: 2004

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-27	1920	1	862	1920	1 1/4	862	1920	2 1/2	862		NA					
CIRCLING	1920	1	841	1940	1 1/4	861	2060	3	981		NA					

CITY AND STATE MENA, AR	ELEVATION: 1079 TDZE: 1058	FACILITY IDENTIFIER: VM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 27, AMDT 1 JUN 5 2008	SUP	
	AIRPORT NAME:			AMDT	ORIG
	MENA INTERMOUNTAIN MUNI			DATE	07/05/2007

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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
RUDNY (IAF)	KEKDY (FB)	025.37 / 3.10	5200	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 7000 DIRECT ZEDOX AND VIA 259.70 TRACK TO SANTY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.								
KEKDY	IGRUC (FB)	025.37 / 3.72	4000									
RANCK (IAF)	WAKAM (FB)	303.83 / 3.56	5400	ADDITIONAL FLIGHT DATA: HOLD W, RT, 094.70 INBOUND. CHART FAS OBST: 330 TREE 365323N/1212404W CHART FAS OBST: 619 TREE 365034N/1212118W CHART 1279 TREE 364757N/1211737W CHART 819 TREE 365006N/1211957W DISTANCE TO THLD FROM 323 HAT: 0.89 NM. CHART VDP AT 1.92 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 93806 REFERENCE PATH ID: W31A								
WAKAM	HARTU (FB)	303.83 / 3.50	4600									
HARTU	IGRUC (FB)	303.83 / 2.40	4000									
IGRUC (IF)	JINDI (FB)	306.98 / 3.60	3300									
JINDI	CAMAF (FB)	306.98 / 2.41	2700									
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT IGRUC 3. FAC: <u>306.94</u> FAF: <u>CAMAF</u> DIST FAF TO MAP: <u>7.48</u> THLD: <u>7.48</u> 4. MIN. ALT: <u>IGRUC 4000, JINDI 3300, CAMAF 2700, KAZWY/4.40 NM TO RW31 1580*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>CAMAF</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW31 5600</u>				MAG VAR: 15E EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	553	1 1/4	323	553	1 1/4	323	553	1 1/4	323		NA	
LNAV/VNAV DA	801	2	571	801	2	571	801	2	571		NA	
LNAV MDA	880	1	650	880	1	650	880	1 3/4	650		NA	
CIRCLING	880	1	650	880	1	650	880	1 3/4	650		NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING NORMAN Y. MINETA (KSJC) SAN JOSE INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 230 TDZE: 230		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
HOLLISTER, CA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, ORIG		AMDT: NONE				
		HOLLISTER MUNI				JUN - 5 2008		DATED				



**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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORMAN Y. MINETA (KSJC) SAN JOSE INTL ALTIMETER SETTING, AND INCREASE ALL DAS/MDAS 120 FEET AND ALL VISIBILITIES 1/2 MILE.

CHART NOTE: VDP NA WHEN USING NORMAN Y. MINETA (KSJC) SAN JOSE INTL ALTIMETER SETTING.

***LNAV ONLY**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RANCK VIA V485 SOUTHEAST BOUND.

CITY AND STATE

HOLLISTER, CA

ELEVATION: 230 TDZE: 230

AIRPORT NAME:

HOLLISTER MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:



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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCVH
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 365315.4100N
LTP/FTP LONGITUDE 1212416.3700W
LTP/FTP ELLIPSOIDAL HEIGHT +00379
FPAP LATITUDE 365425.5900N
FPAP LONGITUDE 1212524.9500W
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 0816
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

46640ADB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2
LTP ORTHOMETRIC HEIGHT +00700
FPAP ORTHOMETRIC HEIGHT +00700

CITY AND STATE

HOLLISTER, CA

ELEVATION: 230 TDZE: 230

AIRPORT NAME:

HOLLISTER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCVHK2FR31	ARANCK	010RANCKK2EA0E	A	IF					18000		A	JS
SUSAP	KCVHK2FR31	ARANCK	020WAKAMK2EA0E		010TF		30380036	+	05400			A	JS
SUSAP	KCVHK2FR31	ARANCK	030HARTUK2EA0E		010TF		30380035	+	04600			A	JS
SUSAP	KCVHK2FR31	ARANCK	040IGRUCK2EA0EE		010TF		30380024	+	04000			A	JS
SUSAP	KCVHK2FR31	ARUDNY	010RUDNYK2EA0E	A	IF					18000		A	JS
SUSAP	KCVHK2FR31	ARUDNY	020KEKDYK2EA0E		010TF		02540031	+	05200			A	JS
SUSAP	KCVHK2FR31	ARUDNY	030IGRUCK2EA0EE		010TF		02540037	+	04000			A	JS
SUSAP	KCVHK2FR31	R	010IGRUCK2EA0E	I	IF			+	04000	18000		A	JS
SUSAP	KCVHK2FR31	R	011JNDIK2EA0E	S	051TF		30700036	+	03300			A	JS
SUSAP	KCVHK2FR31	R	020CAMAFK2EA1E	F	051TF		30700024	+	02700		RW31	K2PGA	JS
SUSAP	KCVHK2FR31	R	020CAMAFK2EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KCVHK2FR31	R	021KAZWYK2EA0E	S	031TF		30690031	V	0158001671	-300		A	JS
SUSAP	KCVHK2FR31	R	030RW31	K2PGOGY	M	031TF	30690044		00270	-300		A	JS
SUSAP	KCVHK2FR31	R	040ZEDOXK2EA0E	M	010DF							A	JS
SUSAP	KCVHK2FR31	R	050SANTYK2EA0EY		010TF		2597	+	07000			A	JS
SUSAP	KCVHK2FR31	R	060SANTYK2EA0EE		HR020HM		09470070	+	07000			A	JS

CITY AND STATE HOLLISTER, CA	ELEVATION: 230 TDZE: 230 AIRPORT NAME: HOLLISTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG JUN - 5 2008	SUP:
				AMDT: NONE
				DATED:



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CITY AND STATE HOLLISTER, CA	ELEVATION: 230 TDZE: 230 AIRPORT NAME: HOLLISTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG JUN - 5 2008	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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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
	RANCK	RANCK	010	IAF	IF		FB				
	RANCK	WAKAM	020		TF		FB	1.0	303.8 (319T)	003.6	05400
	RANCK	HARTU	030		TF		FB	1.0	303.8 (319T)	003.5	04600
	RANCK	IGRUC	040		TF		FB	1.0	303.8 (319T)	002.4	04000
	RUDNY	RUDNY	010	IAF	IF		FB				
	RUDNY	KEKDY	020		TF		FB	1.0	025.4 (040T)	003.1	05200
	RUDNY	IGRUC	030		TF		FB	1.0	025.4 (040T)	003.7	04000
		IGRUC	010	FACF	IF		FB				04000
		JINDI	011	SDF	TF		FB	0.5	307.0 (322T)	003.6	03300
		CAMAF	020	FAF	TF		FB	0.5	307.0 (322T)	002.4	02700
		KAZWY	021	SDF	TF		FB	0.3	306.9 (322T)	003.1	01580
		RW31	030	MAP	TF		FO	0.3	306.9 (322T)	004.4	00270

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZEDOX	040		DF		FB	1.0			
	SANTY	050		TF		FO	1.0	259.7 (275T)		07000
	SANTY	060		HM	R	FO	2.0	094.7 (110T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAMAF	N364721.90	W1211831.63	N3647.365	W12118.527
	HARTU	N364048.92	W1211156.93	N3640.815	W12111.949
	IGRUC	N364237.35	W1211354.97	N3642.623	W12113.916
	JINDI	N364527.71	W1211640.52	N3645.462	W12116.675
	KAZWY	N364947.40	W1212053.37	N3649.790	W12120.890
	KEKDY	N363934.35	W1211708.37	N3639.573	W12117.140
	RANCK	N363529.90	W1210610.37	N3635.498	W12106.173
	RUDNY	N363725.46	W1211924.39	N3637.424	W12119.407
	SANTY	N365845.26	W1220423.07	N3658.754	W12204.385
	WAKAM	N363810.93	W1210905.17	N3638.182	W12109.086
	ZEDOX	N365624.43	W1212721.18	N3656.407	W12127.353
	RW31	N365315.41	W1212416.37	N3653.257	W12124.273

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00230	40

CITY AND STATE
HOLLISTER, CA

ELEVATION: 230 TDZE: 230

AIRPORT NAME:

HOLLISTER MUNI

FACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:



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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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 JUN - 5 2008

CITY AND STATE HOLLISTER, CA	ELEVATION: 230 TDZE: 230 AIRPORT NAME: HOLLISTER MUNI	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 31, AMDT 1. MAY 20,1999	SUP AMDT ORIG DATE 08/16/1996



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 6, NA - OBSTACLES.

RWY 24, NA - ATC.

RWY 13, STANDARD WITH MINIMUM CLIMB OF 391 FEET PER NM TO 3500, OR 3100-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 31, STANDARD WITH MINIMUM CLIMB OF 209 FEET PER NM TO 2300, OR 3100-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 13 - CLIMBING RIGHT TURN TO HEADING 332 AND VIA SJC R-121 DIRECT SJC VOR/DME TO 6000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS HOLLISTER MUNICIPAL AIRPORT AT OR ABOVE 3100 MSL BEFORE PROCEEDING ON COURSE.

RWY 31 - CLIMB HEADING 307 AND VIA SJC R-121 DIRECT SJC VOR/DME TO 6000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS HOLLISTER MUNICIPAL AIRPORT AT OR ABOVE 3100 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TERRAIN BEGINNING 992' FROM DER, 348' LEFT OF CENTERLINE, UP TO 289' MSL. TERRAIN BEGINNING 2467' FROM DER, 154' RIGHT OF CENTERLINE, UP TO 309' MSL, TREES BEGINNING 1277' FROM DER, 348' LEFT OF CENTERLINE, UP TO 309' MSL, TREES BEGINNING 2467' FROM DER, 153' RIGHT OF CENTERLINE, UP TO 270' MSL.

NOTE: RWY 31, TERRAIN BEGINNING 76' FROM DER, 392' LEFT OF CENTERLINE, UP TO 247' MSL. TERRAIN BEGINNING 14' FROM DER, 179' RIGHT OF CENTERLINE, UP TO 231' MSL.

(4) CONTROLLING OBSTACLES:

RWY 13: 2624 MSL AAO 364635.83N/1212816.63W.

RWY 31: 1759 MSL AAO 370311.09N/1212949.90W.

(5) City, State

HOLLISTER, CA

(6) Airport

HOLLISTER MUNI

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

1

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 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREES BEGINNING 813' FROM DER, 328' LEFT OF CENTERLINE, UP TO 100' AGL / 369' MSL.

NOTE: RWY 32, TREES BEGINNING 46' FROM DER, 200' LEFT OF CENTERLINE, UP TO 100' AGL / 299' MSL. TREES 1,356' FROM DER 574' RIGHT OF CENTERLINE, UP TO 100' AGL / 309' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HAZLEHURST, GA

(6) Airport

HAZLEHURST

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

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										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 5.30 MILES AFTER CEGMU/7.12 DME/RADAR OR AT I-AWD 1.82 DME FIX CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT UNZ VORTAC AND VIA I-AWD TO MEMKE/I-AWD 14.12 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB VIA I-AWD NE COURSE TO 2100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AJA NDB AND VIA I-AWD SW COURSE TO MEMKE/I-AWD 14.12 DME/RADAR AND HOLD SW, RT, 062.96 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: CHART FAS OBST: 723 OL NDB 132713N/1444413E CHART VDP AT 3.93 DME; DISTANCE VDP TO THLD 2.11 MILES. CHART UNZ R-332 AT CETAS. CHART UNZ R-290 AT JITNO. CHART UNZ R-169 AT FIGOR. CHART UNZ R-274 AT YASSU. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING CHART (IJZIX) AND (YOGUG) AT THE INTERSECTION OF DR LEG AND INTERMEDIATE COURSE									
UNZ VORTAC	MEMKE/I-AWD 14.12 DME/RADAR	242.62 / 9.00				3000											
HESNA/UNZ 19.00 DME (IAF)	MEMKE/I-AWD 14.12 DME/RADAR (NOPT)	108.00 / 7.50 (HDG) & 062.96 / 3.95 (I-AWD)				3000											
FOLAP/UNZ 19.00 DME (IAF)	MEMKE/I-AWD 14.12 DME/RADAR (NOPT)	018.00 / 1.78 (HDG) & 062.96 / 8.70 (I-AWD)				3000											
CETAS/UNZ 9.00 DME CCW (IAF)	MEMKE/I-AWD 14.12 DME/RADAR (NOPT)	9.00 DME ARC				3000											
JITNO/UNZ 9.00 DME CCW (IAF)	MEMKE/I-AWD 14.12 DME/RADAR (NOPT)	9.00 DME ARC				3000		MAG VAR: 2E EPOCH YEAR: 2000									
SEE 8260-10																	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW MEMKE, RT, 062.96 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>062.96</u> FAF: <u>CEGMU/7.12 DME/RADAR</u> DIST FAF TO MAP: <u>5.30</u> THLD: <u>5.30</u> 4. MIN. ALT: <u>MEMKE 3000, CEGMU 2000, ZAXUS/I-AWD 5.40 DME 1440*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>909</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>CEGMU/7.12 DME/RADAR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.8</u> 8. MSA FROM: <u>UNZ VORTAC 090-270 2300, 270-090 2600</u>																	
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 6R	577	3/4	319	577	3/4	319	577	3/4	319	577	3/4	319					
S-LOC 6R	1440	3/4	1182	1440	1	1182	1440	2 1/2	1182	1440	2 1/2	1182					
CIRCLING	1440	1 1/4	1142	1440	1 1/2	1142	1440	3	1142	1440	3	1142					
ZAXUS DME MINIMUMS																	
S-LOC 6R	980	1/2	722	980	1/2	722	980	1 1/2	722	980	1 3/4	722					
CIRCLING	980	1	682	980	1	682	980	2	682	980	2 1/4	682					
NOTES: CHART NOTE: CIRCLING NA SE OF RWY 6R-24L. CHART NOTE: DME OR RADAR REQUIRED. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. SEE 8260-10																	
CITY AND STATE		ELEVATION: 298 TDZE: 258		FACILITY IDENTIFIER: I-AWD		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:							
AGANA, GUAM.		AIRPORT NAME: GUAM INTL				ILS OR LOC RWY 6R, ORIG				AMDT: NONE							
						JUN - 5 2008				DATED							



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. .
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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YASSU/UNZ 9.00 DME CCW (IAF)	MEMKE/AWD 14.12 DME/RADAR (NOPT)	9.00 DME ARC (UNZ LR-256)	3000
FIGOR/UNZ 9.00 DME CW (IAF)	MEMKE/AWD 14.12 DME/RADAR (NOPT)	9.00 DME ARC (UNZ LR-229)	3000
MEMKE/AWD 14.12 DME/RADAR (IF/IAF)	CEGMU/7.12 DME/RADAR	062.96 / 7.00	2000

NOTES CONT.

*LOC ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

CHART PROFILE NOTE: USE I-AWD DME WHEN ON LOCALIZER COURSE.

CITY AND STATE

AGANA, GUAM

ELEVATION: 298

TDZE: 258

AIRPORT NAME:

GUAM INTL

FACILITY
IDENTIFIER:

I-AWD

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 6R, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES					MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DEH NDB								
UKN VORTAC	DEH NDB	263.25 / 9.03	2900	CLIMB TO 2900 THEN LEFT TURN DIRECT DEH NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 288.00 INBOUND. CHART FAS OBST: 1319 TREE 431530N/0914330W SUSTE TO RW29: 2.84/47 FAC CROSSES RWY C/L EXTENDED 2201 FROM THLD.								
1. PT <u>L</u> SIDE OF COURSE <u>108.00</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>DEH NDB</u> (IAF) 2. _____ 3. FAC <u>288.00</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>SUSTE INT 1960*</u> 8. MSA FROM: <u>DEH NDB 2800</u>					MAG VAR: 1E 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-29	1960	1	803	1960	1 1/4	803		NA		NA		
CIRCLING	1960	1	803	1960	1 1/4	803		NA		NA		
SUSTE FIX MINIMUMS												
S-29	1780	1	623	1780	1	623		NA		NA		
CIRCLING	1780	1	623	1780	1	623		NA		NA		
NOTES: *2060 WHEN USING PRESTON, MN ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PRESTON, MN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FT AND CAT A VISIBILITY 1/4 MILE. CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT.												
CITY AND STATE		ELEVATION: 1157 TDZE: 1157		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP			
DECORAH, IA		AIRPORT NAME:		DEH		NDB RWY 29, AMDT 1			AMDT ORIG-A			
		DECORAH MUNI				JUN 5 2008			DATE 10/30/2003			

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 11, 20, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 29 - CLIMB HEADING 293.67 TO 1600 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TERRAIN BEGINNING 70' FROM DER, 44' LEFT OF CENTERLINE, UP TO 0' AGL/1,199' MSL. TERRAIN BEGINNING 121' FROM DER, 49' RIGHT OF CENTERLINE, UP TO 0' AGL/1,199' MSL.

NOTE: RWY 29, TERRAIN BEGINNING 67' FROM DER, 151' LEFT OF CENTERLINE, UP TO 0' AGL/1,179' MSL. TERRAIN BEGINNING 119' FROM DER, 125' RIGHT OF CENTERLINE, UP TO 0' AGL/1,179' MSL.

(4) CONTROLLING OBSTACLES:

RWY 29: 1480 MSL TOWER 431647.00N-0914716.00W

(5) City, State

DECORAH, IA

(6) Airport

DECORAH MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BEIGE	CIRYI (FB)	273.05 / 30.41	3000	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3000 DIRECT PICRA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 309.16 INBOUND. CHART FAS OBST: 1075 TREE 414301N/0924437W FAS OBST: 1229 AAO 414532N/0924714W DISTANCE TO THLD FROM 279 HAT: 0.82 NM. WAAS CHANNEL # 58107 REFERENCE PATH ID: W13A
SINGR	DEFSA (FB)	352.43 / 18.44	3000	
CIRYI (IAF)	BAXKO (NOPT) (FB)	218.95 / 5.00	3000	
DEFSA (IAF)	BAXKO (NOPT) (FB)	038.85 / 5.00	3000	
BAXKO (IF/IAF)	APADY (FB)	128.90 / 6.10	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW BAXKO, RT, 128.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 128.97 FAF: APADY DIST FAF TO MAP: 5.19 THLD: 5.19
- MIN. ALT: BAXKO 3000, APADY 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: APADY OM: MM: IM:
- GS ANGLE: 3.00 TCH: 34.0 34:1 IS NOT CLEAR
- MSA FROM: RW13 2800

MAG VAR: 2E

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	1284	1	279	1284	1	279	1284	1	279		NA				
LNAV/VNAV DA	1415	1 1/2	410	1415	1 1/2	410	1415	1 1/2	410		NA				
LNAV MDA	1480	1	475	1480	1	475	1480	1 1/4	475		NA				
CIRCLING	1620	1	612	1620	1	612	1620	1 3/4	612		NA				

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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GRINNELL, IA	ELEVATION: 1008 TDZE: 1005 AIRPORT NAME: GRINNELL REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG DATED 02/16/2006

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BEIGE VIA V172 EASTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL DAS 38 FEET AND ALL MDAS 40 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

GRINNELL, IA

ELEVATION: 1008 TDZE: 1005

AIRPORT NAME:

GRINNELL REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 02/16/2006

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGGI
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	414251.1905N
LTP/FTP LONGITUDE	0924433.4015W
LTP/FTP ELLIPSOIDAL HEIGHT	+02698
FPAP LATITUDE	414152.6600N
FPAP LONGITUDE	0924303.6800W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0707A18F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03018
FPAP ORTHOMETRIC HEIGHT	+03018

CITY AND STATE

GRINNELL, IA

ELEVATION: 1008

TDZE: 1005

AIRPORT NAME:

GRINNELL REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 02/16/2006

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

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KGGIK3FR13	ABAXKO	010BAXKOK3EA0EE	CR	HF			12890040	+ 03000	18000			A JS	
SUSAP KGGIK3FR13	ABEIGE	010BEIGEK3EA0E		IF					18000			A JS	
SUSAP KGGIK3FR13	ABEIGE	020CIRYIK3EA0E	A	020TF			27310304	+ 03000				A JS	
SUSAP KGGIK3FR13	ABEIGE	030BAXKOK3EA0EE	L010TFY				21900050	+ 03000				A JS	
SUSAP KGGIK3FR13	ASINGR	010SINGRK3EA0E		IF					18000			A JS	
SUSAP KGGIK3FR13	ASINGR	020DEFSAK3EA0E	A	020TF			35240184	+ 03000				A JS	
SUSAP KGGIK3FR13	ASINGR	030BAXKOK3EA0EE	R010TFY				03890050	+ 03000				A JS	
SUSAP KGGIK3FR13	R	010BAXKOK3EA0E	I	IF				+ 03000	18000			A JS	
SUSAP KGGIK3FR13	R	020APADYK3EA1E	F	051TF			12890061	+ 02700			RW13	K3PGA	JS
SUSAP KGGIK3FR13	R	020APADYK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KGGIK3FR13	R	030RW13	K3PG0GY	M	031TF		12900052		01024		-300		A JS
SUSAP KGGIK3FR13	R	040PICRAK3EA0EYM		010DF				+ 03000					A JS
SUSAP KGGIK3FR13	R	050PICRAK3EA0EE	HR020HM				30920040	+ 03000					A JS

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

SUP:	
AMDT:	ORIG
DATED:	02/16/2006

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

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PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KGGIK3PR13 RW13 001 0000W13A0N4142511905W09244334015+026980300N4141526600W09243036800106751224000340F4005000707A18F

SUSAP KGGIK3PR13 RW13 002E +03018+03018LPV 58107 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KGGIK3SRW13 K3PG 0 18018002825

M

CITY AND STATE
GRINNELL, IA

ELEVATION: 1008 TDZE: 1005
AIRPORT NAME:
GRINNELL REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 02/16/2006

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

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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
	BAXKO	BAXKO	010		HF	R	FB		128.9(131T)	004.0	03000
	BEIGE	BEIGE	010		IF		FB				
	BEIGE	CIRYI	020	IAF	TF		FB	2.0	273.1(275T)	030.4	03000
	BEIGE	BAXKO	030		TF	L	FB	1.0	219.0(221T)	005.0	03000
	SINGR	SINGR	010		IF		FB				
	SINGR	DEFSA	020	IAF	TF		FB	2.0	352.4(354T)	018.4	03000
	SINGR	BAXKO	030		TF	R	FB	1.0	038.9(041T)	005.0	03000
		BAXKO	010	FACF	IF		FB				03000
		APADY	020	FAF	TF		FB	0.5	128.9(131T)	006.1	02700
		RW13	030	MAP	TF		FO	0.3	129.0(131T)	005.2	01024

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PICRA	040		DF		FO	1.0			03000
	PICRA	050		HM	R	FO	2.0	309.2(311T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APADY	N414615.51	W0924947.23	N4146.259	W09249.787
	BAXKO	N415015.51	W0925557.03	N4150.259	W09255.951
	BEIGE	N415128.80	W0921059.86	N4151.480	W09210.998
	CIRYI	N415402.28	W0925134.00	N4154.038	W09251.567
	DEFSA	N414628.57	W0930019.55	N4146.476	W09300.326
	PICRA	N413500.72	W0923234.29	N4135.012	W09232.572
	SINGR	N412806.80	W0925756.11	N4128.113	W09257.935
	RW13	N414251.19	W0924433.40	N4142.853	W09244.557

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13	00990		34

CITY AND STATE
GRINNELL, IA

ELEVATION: 1008 TDZE: 1005
 AIRPORT NAME:
 GRINNELL REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 02/16/2006

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW31 CLIMB TO 3000 DIRECT BAXKO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.90 INBOUND. CHART FAS OBST: 1260 TOWER 414116N/0924334W IMOGE TO RW31: 3.04/40.	
GUERN (IAF)	PICRA (NOPT) (FB)	246.24 / 14.98	3000		
NASAL (IAF)	PICRA (NOPT) (FB)	033.99 / 7.52	3000		
PICRA (IF/IAF)	IMOGE (FB)	309.16 / 6.32	2600		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE PICRA, RT, 309.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>309.09</u> FAF: IMOGE <u> </u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u> 4. MIN. ALT: PICRA 3000, IMOGE 2600 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW31 2800				MAG VAR: 2E EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	1560	1	552	1560	1
CIRCLING	1620	1	612	1620	1
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NASAL VIA V6-8 WESTBOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10					
CITY AND STATE GRINNELL, IA		ELEVATION: 1008 TDZE: 1008 AIRPORT NAME: GRINNELL REGIONAL		FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 JUN 5 2008
				SUP: AMDT: ORIG DATED 02/16/2006	

**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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

CITY AND STATE

GRINNELL, IA

ELEVATION: 1008 TDZE: 1008

AIRPORT NAME:

GRINNELL REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 02/16/2006

**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 PACKET - 424-18[illegible]

SUSAAENRT	BAXKO K30	W		N41501551W092555703	E0004	NAR	BAXKO
SUSAAENRT	GUERN K30	C	L	N41403542W092140223	E0004	NAR	GUERN
SUSAAENRT	IMOGI K30	W		N41391038W092385529	E0004	NAR	IMOGI
SUSAAENRT	NASAL K30	C	L	N41285564W092382756	E0004	NAR	NASAL
SUSAAENRT	PICRA K30	W		N41350072W092323429	E0004	NAR	PICRA

[illegible]

SUSAP KGGIK3AGGI	0	052YHN41423560W092440950E002001008	1800018000C	MNAR	GRINNELL REGIONAL

[illegible]

SUSAP	KGGIK3FR31	AGUERN	010GUERNK3EA0E	A	IF				18000		B	JS
SUSAP	KGGIK3FR31	AGUERN	020PICRAK3EA0EE		010TF		24620150	+	03000		B	JS
SUSAP	KGGIK3FR31	ANASAL	010NASALK3EA0E	A	IF				18000		B	JS
SUSAP	KGGIK3FR31	ANASAL	020PICRAK3EA0EE		010TF		03400075	+	03000		B	JS
SUSAP	KGGIK3FR31	APICRA	010PICRAK3EA0EE	CR	HF		30920040	+	03000	18000	B	JS
SUSAP	KGGIK3FR31	R	010PICRAK3EA0E	I	IF			+	03000	18000	B	JS
SUSAP	KGGIK3FR31	R	020IMOG EK3EA1E	F	051TF		30920063	+	02600		RW31	K3PGB JS
SUSAP	KGGIK3FR31	R	020IMOG EK3EA2WN			N	ALNAV					JS
SUSAP	KGGIK3FR31	R	030RW31	K3PGOGY	M	031TF	30910048		01048	-304		B JS
SUSAP	KGGIK3FR31	R	040BAXKOK3EA0EYM		010DF			+	03000			B JS
SUSAP	KGGIK3FR31	R	050BAXKOK3EA0EE		HR020HM		12890040	+	03000			B JS

[illegible]

SUSAP KGGIK3GRW31 0050003090 N41422006W092434566-0400 +0275201008020040075R

[illegible]

SUSAP KGGIK3SRW31 K3PG 0 18018002825

CITY AND STATE
GRINNELL, IA

ELEVATION: 1008 TDZE: 1008
AIRPORT NAME:
GRINNELL REGIONAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, AMDT 1
JUN 5 2008

SUP:	
AMDT:	ORIG
DATED:	02/16/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	GUERN	GUERN	010	IAF	IF		FB				
	GUERN	PICRA	020		TF		FB	1.0	246.2 (248T)	015.0	03000
	NASAL	NASAL	010	IAF	IF		FB				
	NASAL	PICRA	020		TF		FB	1.0	034.0 (036T)	007.5	03000
	PICRA	PICRA	010		HF	R	FB		309.2 (311T)	004.0	03000
		PICRA	010	FACF	IF		FB				03000
		IMOGE	020	FAF	TF		FB	0.5	309.2 (311T)	006.3	02600
		RW31	030	MAP	TF		FO	0.3	309.1 (311T)	004.8	01048

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAXKO	040		DF		FO	1.0			03000
	BAXKO	050		HM	R	FO	2.0	128.9 (131T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAXKO	N415015.51	W0925557.03	N4150.259	W09255.951
	GUERN	N414035.42	W0921402.23	N4140.590	W09214.037
	IMOGE	N413910.38	W0923855.29	N4139.173	W09238.922
	NASAL	N412855.64	W0923827.56	N4128.927	W09238.459
	PICRA	N413500.72	W0923234.29	N4135.012	W09232.572
	RW31	N414220.06	W0924345.66	N4142.334	W09243.761

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01008	40

CITY AND STATE

GRINNELL, IA

ELEVATION: 1008 TDZE: 1008

AIRPORT NAME:

GRINNELL REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 02/16/2006

006
2

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

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD E FRUIT, RT, 282.26 INBOUND, 2700 FT. IN LIEU OF PT (IAF)				
3. FAC	282.26	FAF FRUIT/TNU 23.00 DME	DIST FAF TO MAP		THLD 5.32
4. MIN. ALT	FRUIT 2700				
8. MSA FROM:	TNU VOR/DME 360-180 2700, 180-360 4000				

MAG VAR: 3E
EPOCH YEAR: 1995

[illegible]

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

PAGE 1 OF 1 PAGES

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 13, 31, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 13, ROAD PLUS VEHICLE'S BEGINNING 164' FROM DER, 497' LEFT OF CENTERLINE, 15' AGL/1024' MSL. TREES BEGINNING 958' FROM DER, 324' LEFT OF CENTERLINE, UP TO 50' AGL/1059' MSL. NOTE: RWY 31, TREE 681' FROM DER, 589' RIGHT OF CENTERLINE, UP TO 75' AGL/1,075' MSL. TREE 716' FROM DER, 610' LEFT OF CENTERLINE, UP TO 50' AGL/1009' MSL. ROAD PLUS VEHICLE BEGINNING 22' FROM DER, 215' RIGHT CENTERLINE, 15' AGL/995' MSL. MULTIPLE POLES AND BUILDINGS BEGINNING 492' FROM DER, 249' RIGHT OF CENTERLINE, UP TO 23' AGL/1032' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

GRINNELL, IA

(6) Airport

GRINNELL REGIONAL

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

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 7, NA - OBSTACLES.

(2) TEXTUAL DEPARTURE PROCEDURE:
RWY 25 - USE MELLR DEPARTURE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

GRANGEVILLE, ID

(6) Airport

IDAHO COUNTY

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.01 MILES AFTER BALLA/GSH 16.03 DME/RADAR OR AT GSH 11.02 DME FIX CLIMB TO 2500 DIRECT GSH VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT GIJ VORTAC AND HOLD N, LT, 180.87 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N GIJ VORTAC, LT, 180.87 INBOUND. CHART FAS OBST: 994 TREE 413126N/0854524W CHART GSH R-108 AT KODHY. CHART IN PLANVIEW: GIJ VORTAC. #DME FROM GSH VORTAC.											
GSH VORTAC	BALLA/GSH 16.03 DME/RADAR	089.62 / 16.03	2500												
KODHY/GSH 23.00 DME COW (IAF)	ETUVE/GSH 23.00 DME/RADAR (NOPT)	23.00 DME ARC (GSH LR-095)	2500												
ETUVE/GSH 23.00 DME/RADAR (IF)	BALLA/GSH 16.03 DME/RADAR	273.30 / 6.97 (I-GSH)	2500												
1. PT <u>R</u> SIDE OF COURSE <u>093.30</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>BALLA</u> (IAF) 2. _____ 3. FAC: <u>273.30</u> FAF: <u>BALLA/GSH 16.03 DME/RADAR</u> DIST FAF TO MAP: <u>5.01</u> THLD: <u>5.01</u> 4. MIN. ALT: <u>BALLA/GSH 16.03 DME/RADAR 2500, CEDOB/GSH 12.52 DME 1360*</u> 5. DIST TO THLD FROM OM: <u>5.01</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>960</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>BALLA 2500</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.5</u> 8. MSA FROM: <u>GSH VORTAC 3000</u>				MAG VAR: <u>4W</u> EPOCH YEAR: <u>2000</u>											
MINIMUMS															
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
S-ILS 27	1027	3/4	200	1027	3/4	200	1027	3/4	200	1027	3/4	200			
S-LOC 27	1360	1	533	1360	1	533	1360	1 1/2	533	1360	1 3/4	533			
CIRCLING	1360	1	533	1360	1	533	1360	1 1/2	533	1380	2	553			
CEDOB FIX MINIMUMS #															
S-LOC 27	1300	1	473	1300	1	473	1300	1 1/4	473	1300	1 1/2	473			
CIRCLING	1300	1	473	1300	1	473	1300	1 1/2	473	1380	2	553			
NOTES: CHART NOTE: DME OR RADAR REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE		ELEVATION: 827 TDZE: 827		FACILITY IDENTIFIER: I-GSH		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS RWY 27					
GOSHEN, IN		AIRPORT NAME: GOSHEN MUNI				ILS OR LOC RWY 27, AMDT 1 JUN - 5 2008				AMDT: ORIG					
										DATED 08/13/1998					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WARSAW MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET AND INCREASE CEDOB FIX MINIMUMS S-LOC 27 CATS C/D VISIBILITY 1/4 MILE.

*1400 WHEN USING WARSAW MUNI ALTIMETER SETTING.

*LOC ONLY.

CITY AND STATE

GOSHEN, IN

ELEVATION: 827

TDZE: 827

AIRPORT NAME:

GOSHEN MUNI

FACILITY
IDENTIFIER:

I-GSH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27, AMDT 1

JUN - 5 2008

SUP: ILS RWY 27

AMDT: ORIG

DATED: 08/13/1998

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 6, NA - OBSTACLES

(2) TEXTUAL DEPARTURE PROCEDURE:

USE JATTS DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

ARCO, ID

(6) Airport

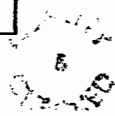
ARCO-BUTTE COUNTY

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1



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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 2500 DIRECT JANUG AND VIA 274.13 TRACK TO GSH VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 994 TREE 413126N/0864524W DISTANCE TO THLD FROM 293 HAT: 0.75 NM. WAAS CHANNEL # 97606 REFERENCE PATH ID: W27A			
GSH VORTAC	ETUVE (FB)	093.47 / 23.00	2500				
SEWTO	IBUDE (FB)	186.31 / 8.21	2500				
IBUDE (IAF)	ETUVE (NOPT) (FB)	183.47 / 5.00	2500				
RABBT (IAF)	ETUVE (NOPT) (FB)	006.14 / 7.45	2500				
ETUVE (IF/AF)	BALLA (FB)	273.47 / 6.97	2500				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD E ETUVE, RT, 273.47 INBOUND, 2500 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>273.37</u> FAF: <u>BALLA</u>	DIST FAF TO MAP: <u>5.01</u> THLD: <u>5.01</u>
4. MIN. ALT: ETUVE 2500, BALLA 2500, LADIC/1.70 NM TO RW27 1400*	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>BALLA 2500</u>	OM: <u> </u> MM: <u> </u> IM: <u> </u>
7. GS ANGLE: <u>3.00</u> TCH: <u>55.5</u> 34:1 IS NOT CLEAR	
8. MSA FROM: <u>RW27 3000</u>	MAG VAR: 4W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1120	1	293	1120	1	293	1120	1	293	1120	1	293			
LNAV/VNAV DA	1307	1 3/4	480	1307	1 3/4	480	1307	1 3/4	480	1307	1 3/4	480			
LNAV MDA	1260	1	433	1260	1	433	1260	1 1/4	433	1260	1 1/2	433			
CIRCLING	1300	1	473	1300	1	473	1300	1 1/2	473	1380	2	553			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING WARSAW MUNI ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 827 TDZE: 827	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GOSHEN, IN	AIRPORT NAME: GOSHEN MUNI		RNAV (GPS) RWY 27, ORIG JUN -5 2008	AMDT: NONE
				DATED

 QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 SEWTO VIA V233 NORTHEAST BOUND, AND ARRIVALS AT RABBT VIA V277 SOUTHEAST BOUND.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GSH VORTAC AIRWAY RADIALS 038 CW 130.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WARSAW MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET, AND INCREASE LPV ALL CATS VISIBILITY 1/4 MILE.

*LNAV ONLY.

CITY AND STATE
GOSHEN, IN

ELEVATION: 827 TDZE: 827
AIRPORT NAME:
GOSHEN MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
JUN -5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KGSB
RW27
0

0
W27A
413131.5400N
0854700.3900W
+02185
413130.8000N
0854820.2500W
00055.5
F
03.00
106.50
0008
40.0
50.0

CRC REMAINDER

EF08E921

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02520
+02520

CITY AND STATE
GOSHEN, IN

ELEVATION: 827 TDZE: 827
AIRPORT NAME:
GOSHEN MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
JUN -5 2008

SUP:
AMDT: NONE
DATED: 1

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGSHK5FR27	AGSH	010GSH	K5D 0V	IF					18000		A JS	I
SUSAP	KGSHK5FR27	AGSH	020ETUVEK5EA0E	A 020TF			09350230	+ 02500				A JS	I
SUSAP	KGSHK5FR27	AGSH	030ETUVEK5EA0EB	CR HF			27350040	+ 02500				A JS	I
SUSAP	KGSHK5FR27	ARABBT	010RABBTK5EA0E	A IF						18000		A JS	I
SUSAP	KGSHK5FR27	ARABBT	020ETUVEK5EA0EE	010TF			00610075	+ 02500				A JS	I
SUSAP	KGSHK5FR27	ASEWTO	010SEWTOK5EA0E	IF						18000		A JS	I
SUSAP	KGSHK5FR27	ASEWTO	020IBUDEK5EA0E	A 020TF			18630082	+ 02500				A JS	I
SUSAP	KGSHK5FR27	ASEWTO	030ETUVEK5EA0EE	010TF			18350050	+ 02500				A JS	I
SUSAP	KGSHK5FR27	R	010ETUVEK5EA0E	I IF				+ 02500		18000		A JS	I
SUSAP	KGSHK5FR27	R	020BALLAK5EA1E	F 051TF			27350070	+ 02500			RW27	K5PGA JS	I
SUSAP	KGSHK5FR27	R	020BALLAK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	I
SUSAP	KGSHK5FR27	R	021LADICK5EA0E	S 031TF			27340033	V 0140001426		-300		A JS	I
SUSAP	KGSHK5FR27	R	030RW27	K5PG0GY M 031TF			27340017	00883		-300		A JS	I
SUSAP	KGSHK5FR27	R	040JANUGK5EA0E	M 010DF								A JS	I
SUSAP	KGSHK5FR27	R	050GSH	K5D 0VY 010TF			2701	+ 02500				A JS	I

CITY AND STATE GOSHEN, IN	ELEVATION: 827 TDZE: 827 AIRPORT NAME: GOSHEN MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG JUN -5 2008	SUP:
				AMDT: NONE
				DATED: JUN 1 2008

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A JS I

SUSAP KGSHK5SRW27 K5PG 0 18018003025 M I

AMDT: NONE
DATED: QUALITY

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GSH	GSH	010		IF		FB				
	GSH	ETUVE	020	IAF	TF		FB	2.0	093.5(090T)	023.0	02500
	GSH	ETUVE	030		HF	R	FO		273.5(270T)	004.0	02500
	RABBT	RABBT	010	IAF	IF		FB				
	RABBT	ETUVE	020		TF		FB	1.0	006.1(002T)	007.5	02500
	SEWTO	SEWTO	010		IF		FB				
	SEWTO	IBUDE	020	IAF	TF		FB	2.0	186.3(182T)	008.2	02500
	SEWTO	ETUVE	030		TF		FB	1.0	183.5(180T)	005.0	02500
		ETUVE	010	FACF	IF		FB				02500
		BALLA	020	FAF	TF		FB	0.5	273.5(270T)	007.0	02500
		LADIC	021	SDF	TF		FB	0.3	273.4(269T)	003.3	01400
		RW27	030	MAP	TF		FO	0.3	273.4(269T)	001.7	00883

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JANUG	040		DF		FB	1.0			
	GSH	050		TF		FO	1.0	270.1(266T)		02500
	GSH	060		HM	R	FO	2.0	090.0(086T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GSH	N413130.67	W0860140.70	N4131.511	W08601.678
	BALLA	N413135.02	W0854020.20	N4131.584	W08540.337
	ETUVE	N413139.26	W0853103.42	N4131.654	W08531.057
	IBUDE	N413639.40	W0853107.12	N4136.657	W08531.119
	JANUG	N413130.04	W0854940.14	N4131.501	W08549.669
	LADIC	N413132.76	W0854444.60	N4131.546	W08544.743
	RABBT	N412412.41	W0853125.66	N4124.207	W08531.428
	SEWTO	N414452.02	W0853040.69	N4144.867	W08530.678
	RW27	N413131.54	W0854700.39	N4131.526	W08547.007

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	00827		56

CITY AND STATE
GOSHEN, IN

ELEVATION: 827 TDZE: 827
 AIRPORT NAME:
 GOSHEN MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO/EFFECTIVE DATE:
 RNAV (GPS) RWY 27, ORIG
 JUN -5 2008

SUP:
 AMDT: NONE
 DATED:

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES					MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.02 MILES AFTER SONY'S INT/16.04 DME OR AT GSH 11.02 DME FIX CLIMB TO 2500 DIRECT GSH VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 994 TREE 413126N/0854524W CHART GSH R-108 AT KODHY. SONY'S TO RW27: 3.04/51								
GSH VORTAC	SONY'S INT/16.04 DME	089.84 / 16.04	2500									
KODHY/GSH 23.00 DME CW (IAF)	FAPEG/GSH 23.00 DME (NOPT)	23.00 DME ARC	2500									
FAPEG/23.00 DME (IF)	SONY'S INT/16.04 DME	269.84 / 6.96 (GSH R-090)	2500									
1. PT <u>R</u> SIDE OF COURSE <u>089.84</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>SONY'S INT/16.04 DME</u> (IAF) 2. _____ 3. FAC <u>269.84</u> FAF <u>SONY'S INT/16.04 DME</u> DIST FAF TO MAP <u>5.02</u> THLD <u>5.02</u> 4. MIN. ALT <u>SONY'S 2500, HASKU/12.62 DME 1380*</u> 8. MSA FROM: <u>GSH VORTAC 3000</u>					MAG VAR: 0E EPOCH YEAR: 1965							
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
S-27	1380	1	553	1380	1	553	1380	1 1/2	553	1380	1 3/4	553
CIRCLING	1380	1	553	1380	1	553	1380	1 1/2	553	1380	2	553
HASKU FIX MINIMUMS												
S-27	1300	1	473	1300	1	473	1300	1 1/4	473	1300	1 1/2	473
CIRCLING	1300	1	473	1300	1	473	1300	1 1/2	473	1380	2	553
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WARSAW MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND INCREASE HASKU FIX MINIMUMS S-27 CATS C/D VISIBILITY 1/4 MILE. SEE 8260-10												
CITY AND STATE		ELEVATION: 827 TOZE: 827		FACILITY IDENTIFIER:		PROCEDURE NO/AMDT NO/EFFECTIVE DATE:			SUP VOR OR GPS RWY			
GOSHEN, IN		AIRPORT NAME:		GSH		VOR RWY 27, AMDT 7			27			
		GOSHEN MUNI				JUN -5 2008			AMDT 8			
									DATE 03/15/2007			

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

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NOTES CONT.

*1420 WHEN USING WARSAW MUNI ALTIMETER SETTING.

CHART NOTE: DESCENT ANGLE NA WHEN USING WARSAW MUNI ALTIMETER SETTING.

CITY AND STATE

GOSHEN, IN

ELEVATION: 827 TOZE: 827

AIRPORT NAME:

GOSHEN MUNI

FACILITY
IDENTIFIER:
GSH

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

VOR RWY 27, AMDT 7

JUN - 5 2008

SUP: VOR OR GPS RWY
27

AMDT: 6

DATED: 03/15/2007

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 5, 9, 23, 27 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TRANSMISSION TOWER, 4050' FROM DER, 1247' RIGHT OF CENTERLINE, 116' AGL/941' MSL.

NOTE: RWY 9, POST 42' FROM DER, 251' RIGHT OF CENTERLINE, 12' AGL/831' MSL. POLE 1030' FROM DER, 619' RIGHT OF CENTERLINE, 37' AGL/862' MSL. POLE 986' FROM DER, 465' LEFT OF CENTERLINE, 30' AGL/855' MSL. TREES BEGINNING 2493' FROM DER, 515' LEFT OF CENTERLINE, UP TO 100' AGL/966' MSL.

NOTE: RWY 23, DAYMARKER 95' FROM DER, 85' RIGHT OF CENTERLINE, 4' AGL/818' MSL. TERRAIN 3' FROM DER, 42' LEFT OF CENTERLINE, 0' AGL/821' MSL. SIGN 47' FROM DER, 500' LEFT OF CENTERLINE, 3' AGL/822' MSL. TERRAIN 61' FROM DER, 418' LEFT OF (CONT.)

(4) CONTROLLING OBSTACLES:

(5) City, State

GOSHEN, IN

(6) Airport

GOSHEN MUNI

(7) Effective Date

JUN -5 2008

(8) Amdt. No.

ORIG

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL..
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statute miles or in feet RVR.

(3) TAKEOFF OBSTACLES NOTES:

OF CENTERLINE, 0' AGL/821' MSL. ROAD & VEHICLE 933' FROM DER, 736' LEFT OF CENTERLINE, 17' AGL/841' MSL.

NOTE: RWY 27, TREES BEGINNING 2173' FROM DER, 210' RIGHT OF CENTERLINE, UP TO 100' AGL/914' MSL. TREES BEGINNING 2072' FROM DER, 124' LEFT OF CENTERLINE. UP TO 100' AGL/914' MSL.

City, State GOSHEN, IN		Airport GOSHEN MINI		Effective Date JUN -5 2008		Amdt. No. 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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
JELLS	HEBIT (FB)	147.93 / 5.72	2700	LNAV: RW18 CLIMBING RIGHT TURN TO 2700 DIRECT GAKNE AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1029 TREE 394602N/0862843W CHART: 1039 TREE 394718N/0862920W FOBAG TO RW18: 3.04/44
FILMS	HEBIT (FB)	028.78 / 16.91	2700	
HEBIT (IAF)	GAKNE (NOPT) (FB)	094.34 / 5.00	2700	
EDMEW (IAF)	GAKNE (NOPT) (FB)	218.82 / 24.53	2700	
GAKNE (IF/IAF)	FOBAG (FB)	184.41 / 6.12	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N GAKNE, RT, 184.41 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 184.41 FAF: FOBAG DIST FAF TO MAP: 4.83 THLD: 4.83
- MIN. ALT: GAKNE 2700, FOBAG 2500, JANPO/1.90 NM TO RW18 1540
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW18 3100

MAG VAR: 4W

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	1320	1	423	1320	1	423	1320	1 1/4	423		NA				
CIRCLING	1380	1	483	1480	1	583	1480	1 1/2	583		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE INDIANAPOLIS INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT JELLS VIA V24-128-399 NORTHWEST BOUND, ARRIVAL AT EDMEW VIA V96-285 NORTH BOUND, AND ARRIVAL AT FILMS VIA V14-50 SOUTHWEST BOUND.

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 897 TDZE: 897 AIRPORT NAME: HENDRICKS COUNTY-GORDON GRAHAM FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG JUN - 5 2008	SUP: AMDT: NONE DATED

2
CHECKED

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[illegible]

DATED:

[illegible]

PAGE 3 OF 4 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EDMEW	EDMEW	010	IAF	IF		FB				
	EDMEW	GAKNE	020		TF		FB	1.0	218.8(215T)	024.5	02700
	FILMS	FILMS	010		IF		FB				
	FILMS	HEBIT	020	IAF	TF		FB	2.0	028.8(025T)	016.9	02700
	FILMS	GAKNE	030		TF		FB	1.0	094.3(090T)	005.0	02700
	GAKNE	GAKNE	010		HF	R	FB		184.4(180T)	004.0	02700
	JELLS	JELLS	010		IF		FB				
	JELLS	HEBIT	020	IAF	TF		FB	2.0	147.9(144T)	005.7	02700
	JELLS	GAKNE	030		TF		FB	1.0	094.3(090T)	005.0	02700
		GAKNE	010	FACF	IF		FB				02700
		FOBAG	020	FAF	TF		FB	0.5	184.4(180T)	006.1	02500
		JANPO	021	SDF	TF		FB	0.3	184.4(180T)	002.9	01540
		RW18	030	MAP	TF		FO	0.3	184.4(180T)	001.9	00941

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GAKNE	040		DF	R	FO	1.0			02700
	GAKNE	050		HM	R	FO	2.0	184.4(180T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EDMEW	N401618.41	W0861011.81	N4016.307	W08610.197
	FILMS	N394047.90	W0864407.38	N3940.798	W08644.123
	FOBAG	N395000.12	W0862827.72	N3950.002	W08628.462
	GAKNE	N395607.69	W0862824.30	N3956.128	W08628.405
	HEBIT	N395609.66	W0863454.31	N3956.161	W08634.905
	JANPO	N394704.27	W0862829.35	N3947.071	W08628.489
	JELLS	N400047.39	W0863917.02	N4000.790	W08639.284
	RW18	N394510.18	W0862830.41	N3945.170	W08628.507

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00897	44

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 897 TDZE: 897
 AIRPORT NAME:
 HENDRICKS COUNTY-GORDON GRAHAM FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG

JUN - 5 2008

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:
RWY 18, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, POLE 746' FROM DER, ON CENTERLINE, 60' AGL/919' MSL, TREES 2,091' FROM DER, 625' LEFT OF CENTERLINE, 100'AGL/949' MSL.
NOTE: RWY 36, TREES 1,302' FROM DER, 648' RIGHT OF CENTERLINE, 100'AGL/1009MSL, TREE 3529' FROM DER, 788' RIGHT OF CENTERLINE, 100' AGL/1009 MSL, TREE 5,244' FROM DER, 1,005' LEFT OF CENTERLINE, 100' AGL/1,029' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

INDIANAPOLIS, IN

(6) Airport

HENDRICKS COUNTY-GORDON GRAHAM FLD

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

ORIG

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

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[illegible]

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.	031/30 CW 211/30 (NOPT)	YEVMY (IF/IAF) (FB)	5400
2.	211/30 CW 301/30	IDGUW (IAF) (FB)	5400
3.	301/30 CW 031/30	NEYXY (IAF) (FB)	5400

CITY AND STATE

ULYSSES, KS

ELEVATION: 3071 TDZE: 3071

AIRPORT NAME:

ULYSSES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/23/2003



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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KULSK3FR12	AIDGUW	010IDGUWK3EA0E	A	IF						18000		B	JS
SUSAP KULSK3FR12	AIDGUW	020YEVVMYK3EA0EE		010TF			21060050	+	05400			B	JS
SUSAP KULSK3FR12	ANEYXY	010NEYXYK3EA0E	A	IF						18000		B	JS
SUSAP KULSK3FR12	ANEYXY	020YEVVMYK3EA0EE		010TF			03050050	+	05400			B	JS
SUSAP KULSK3FR12	AYEVMY	010YEVVMYK3EA0EE	CR	HF			12060040	+	05400	18000		B	JS
SUSAP KULSK3FR12	R	010YEVVMYK3EA0E	I	IF				+	05400	18000		B	JS
SUSAP KULSK3FR12	R	020WACJUK3EA1E	F	051TF			12060061	+	04800			B	JS
SUSAP KULSK3FR12	R	020WACJUK3EA2WN			N	ALNAV							JS
SUSAP KULSK3FR12	R	030RW12 K3PGOGY	M	031TF			12060049		03111		-304	B	JS
SUSAP KULSK3FR12	R	040VUVKYK3EA0EYM		010DF				+	05400			B	JS
SUSAP KULSK3FR12	R	050VUVKYK3EA0EE		HR020HM			30080040	+	05400			B	JS

[illegible]

CITY AND STATE ULYSSES, KS	ELEVATION: 3071 TDZE: 3071 AIRPORT NAME: ULYSSES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 01/23/2003

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IDGUW	IDGUW	010	IAF	IF		FB				
	IDGUW	YEVMY	020		TF		FB	1.0	210.6(220T)	005.0	05400
	NEYXY	NEYXY	010	IAF	IF		FB				
	NEYXY	YEVMY	020		TF		FB	1.0	030.5(040T)	005.0	05400
	YEVMY	YEVMY	010		HF	R	FB		120.6(130T)	004.0	05400
		YEVMY	010	FACF	IF		FB				05400
		WACJU	020	FAF	TF		FB	0.5	120.6(130T)	006.1	04800
		RW12	030	MAP	TF		FO	0.3	120.6(130T)	004.9	03111

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	VUVKY	040		DF		FO	1.0			05400
	VUVKY	050		HM	R	FO	2.0	300.8(310T)	004.0	05400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IDGUW	N374715.75	W1012944.54	N3747.263	W10129.742
	NEYXY	N373932.57	W1013746.08	N3739.543	W10137.768
	VUVKY	N372837.19	W1011120.67	N3728.620	W10111.345
	WACJU	N373930.69	W1012750.00	N3739.512	W10127.833
	YEVMY	N374324.23	W1013345.52	N3743.404	W10133.759
	RW12	N373610.36	W1012245.89	N3736.173	W10122.765

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	03071	40

CITY AND STATE
 ULYSSES, KS

ELEVATION: 3071 TDZE: 3071
 AIRPORT NAME:
 ULYSSES

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 12, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 01/23/2003



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW30 CLIMB TO 5400 DIRECT YEVMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.55 INBOUND. CHART FAS OBST: 3385 TOWER 373425N/1012138W CHART 3536 TOWER 373430N/1011912W. FEPAL TO RW30: 3.45/40. CHART FIELD ELEVATION: 3071 CHART TDZE 3062	
EXUXY (IAF)	VUVKY (NOPT) (FB)	030.73 / 5.00	5400		
ODKUW (IAF)	VUVKY (NOPT) (FB)	210.81 / 5.00	5400		
VUVKY (IF/IAF)	IHIJA (FB)	300.77 / 6.10	4700		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE VUVKY, RT, 300.77 INBOUND, 5400 FT. IN LIEU OF PT (IAF) 3. FAC: <u>300.71</u> FAF: <u>IHIJA</u> DIST FAF TO MAP: <u>4.95</u> THLD: <u>4.95</u> 4. MIN. ALT: <u>VUVKY 5400, IHIJA 4700, FEPAL/2.40 NM TO RW30 3980</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u> </u>				MAG VAR: 9E EPOCH YEAR: 1985	
MINIMUMS					
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: ☐ NA ☒		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	3680	1	618	3680	1 1/2
CIRCLING	3680	1	609	3740	1 3/4
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 GARDEN CITY ALTIMETER SETTING AND SEE 8260-10					
CITY AND STATE		ELEVATION: 3071 TDZE: 3062		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ULYSSES, KS		AIRPORT NAME: ULYSSES		RNAV (GPS) RWY 30, AMDT 1 JUN 5 2008	
		FACILITY IDENTIFIER: RNAV		SUP:	
				AMDT: ORIG	
				DATED 07/05/2007	



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

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NOTES CONT.

INCREASE ALL MDAS 120 FEET, AND LNAV CAT C VISIBILITY 1/4 MILE, CIRCLING CAT B VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.

TAA

	FROM	TO	ALT
1.	211/30 CW 031/30 (NOPT)	VUVKY (IF/IAF) (FB)	5400
2.	031/30 CW 121/30	EXUXY (IAF) (FB)	5400
3.	121/30 CW 211/30	ODKUW (IAF) (FB)	5400

CITY AND STATE

ULYSSES, KS

ELEVATION: 3071 TDZE: 3062

AIRPORT NAME:

ULYSSES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 07/05/2007



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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KULSK3FR30	AEXUXY	010EXUXYK3EA0E	A	IF						18000		B	JS
SUSAP KULSK3FR30	AEXUXY	020VUVKYK3EA0EE		010TF			03070050	+	05400			B	JS
SUSAP KULSK3FR30	AODKUW	010ODKUWK3EA0E	A	IF						18000		B	JS
SUSAP KULSK3FR30	AODKUW	020VUVKYK3EA0EE		010TF			21080050	+	05400			B	JS
SUSAP KULSK3FR30	AVUVKY	010VUVKYK3EA0EE	CR	HF			30080050	+	05400	18000		B	JS
SUSAP KULSK3FR30	R	010VUVKYK3EA0E	I	IF				+	05400	18000		B	JS
SUSAP KULSK3FR30	R	020IHIAK3EA1E	F	051TF			30080061	+	04700			B	JS
SUSAP KULSK3FR30	R	020IHIAK3EA2WN			N	ALNAV							JS
SUSAP KULSK3FR30	R	021FEPALK3EA0E	S	031TF			30070026	V	0398003877		-345	B	JS
SUSAP KULSK3FR30	R	030RW30 K3PGOG	M	031TF			30070024		03102		-345	B	JS
SUSAP KULSK3FR30	R	040YEVMYK3EA0EYM		DF				+	05400			B	JS
SUSAP KULSK3FR30	R	050YEVMYK3EA0EE		HR020HM			12060050	+	05400			B	JS

[illegible]

DATED: 07/05/2007

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EXUXY	EXUXY	010	IAF	IF		FB				
	EXUXY	VUVKY	020		TF		FB	1.0	030.7 (040T)	005.0	05400
	ODKUW	ODKUW	010	IAF	IF		FB				
	ODKUW	VUVKY	020		TF		FB	1.0	210.8 (220T)	005.0	05400
	VUVKY	VUVKY	010		HF	R	FB		300.8 (310T)	005.0	05400
		VUVKY	010	FACF	IF		FB				05400
	IHIJA	020	FAF	TF		FB		0.5	300.8 (310T)	006.1	04700
	FEPAL	021	SDF	TF		FB		0.3	300.7 (310T)	002.6	03980
	RW30	030	MAP	TF		FB		0.3	300.7 (310T)	002.4	03102

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YEVMY	040		DF		FO				05400
	YEVMY	050		HM	R	FO	2.0	120.6 (130T)	005.0	05400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EXUXY	N372446.26	W1011521.56	N3724.771	W10115.359
	FEPAL	N373409.29	W1011942.44	N3734.155	W10119.707
	IHIJA	N373231.46	W1011714.40	N3732.524	W10117.240
	ODKUW	N373227.98	W1010719.37	N3732.466	W10107.323
	VUVKY	N372837.19	W1011120.67	N3728.620	W10111.345
	YEVMY	N374324.23	W1013345.52	N3743.404	W10133.759
	RW30	N373541.33	W1012201.88	N3735.689	W10122.031

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	03062	40

CITY AND STATE ULYSSES, KS	ELEVATION: 3071 TDZE: 3062 AIRPORT NAME: ULYSSES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 07/05/2007



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
BTR VORTAC	COMIT OM/CLZ 6.26 DME	052.87 / 13.21	1800	ILS: DA LOC: 4.97 MILES AFTER COMIT OM/CLZ 6.26 DME OR AT I-CLZ 1.29 DME FIX CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2200 DIRECT BTR VORTAC; OR WHEN DIRECTED BY ATC, CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 075 AND RQR VOR/DME R-323 TO DILLS INT/RQR 31.26 DME AND HOLD SE, RT, 320.86 INBOUND (DME REQUIRED). ADDITIONAL FLIGHT DATA: CHART: ALTERNATE MA HOLDING, HOLD SE DILLS INT/RQR 31.26 DME, RT, 320.86 INBOUND. DO NOT CHART: HOLD SW, RT, 065.00 INBOUND. CHART FAS OBST: 175 TREE 303255N0910740W CHART VDP AT 2.34 DME; DISTANCE VDP TO THLD 1.05 MILES. CHART IN PLANVIEW: DILLS	
1. PT <u>R</u> SIDE OF COURSE <u>040.47</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>COMIT</u> (IAF) 2. 3. FAC: <u>220.47</u> FAF: <u>COMIT OM/CLZ 6.26 DME</u> DIST FAF TO MAP: <u>4.97</u> THLD: <u>4.97</u> 4. MIN. ALT: <u>COMIT OM 1800</u> 5. DIST TO THLD FROM OM: <u>4.97</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1032</u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>GS INTCP</u> OM: <u>1709</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.6</u> 8. MSA FROM: <u>BTR VORTAC 080-250 2800, 250-080 1800</u>				MAG VAR: 3E 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 22R	270	1800	200	270	1800	200	270	1800	200	270	1800	200			
S-LOC 22R	440	2400	370	440	2400	370	440	2400	370	440	4000	370			
CIRCLING	560	1	490	560	1	490	660	1 1/2	590	680	2	610			

NOTES:

CHART NOTE: CIRCLING TO RWY 4R/22L NA AT NIGHT.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HAMMOND NORTHSORE REGIONAL ALTIMETER SETTING AND INCREASE DA 91 FT; INCREASE ALL MDA 100 FT. INCREASE S-ILS 22R VISIBILITY TO RVR

SEE 8260-10

CAT D 700-2

NA WHEN CONTROL TOWER CLOSED.

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BATON ROUGE, LA	ELEVATION: 70 TDZE: 70 AIRPORT NAME: BATON ROUGE METRO, RYAN FIELD	FACILITY IDENTIFIER: I-CLZ	PROCEDURE NO./AMDT NO/EFFECTIVE DATE: ILS OR LOC RWY 22R, AMDT 10 JUN 5 2008	SUP: AMDT: 9C DATED 08/15/1996

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

2400, INCREASE S-LOC 22R & CIRC CATS C/ D VISIBILITY 1/4 MILE. WHEN USING HAMMOND ALTIMETER SETTING FOR INOPERATIVE MALSR'S, INCREASE S-ILS 22R VISIBILITY 1/2 MILE, ALL CATS.

CITY AND STATE

BATON ROUGE, LA

ELEVATION: 70

TDZE: 70

AIRPORT NAME:

BATON ROUGE METRO, RYAN FIELD

FACILITY
IDENTIFIER:
I-CLZ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 22R, AMDT 10

JUN 5 2008

SUP:

AMDT: 9C

DATED: 08/15/1995

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
ELD VORTAC	LAKOE (FB)	234.89 / 28.13	3500	LNAV: RW12 CLIMB TO 3500 DIRECT SUTRE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 300.60 INBOUND. CHART FAS OBST: 646 TOWER 324835N/0930400W OTNAE TO RW12: 3.04/40. CHART SHV AND MLU RADAR APPROACH CONTROL FREQUENCIES.			
WEBBY INT	KAGSE (FB)	328.66 / 11.70	3500				
KAGSE (IAF)	HEGUN (NOPT) (FB)	030.33 / 5.00	3500				
LAKOE (IAF)	HEGUN (NOPT) (FB)	210.39 / 5.00	3500				
HEGUN (IF/IAF)	OTNAE (FB)	120.36 / 10.02	2000				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD NW HEGUN, RT, 120.36 INBOUND, 3500 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>120.45</u> FAF: <u>OTNAE</u>	DIST FAF TO MAP: <u>5.31</u> THLD: <u>5.31</u>
4. MIN. ALT: <u>HEGUN 3500, OTNAE 2000</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS NOT CLEAR	
8. MSA FROM: <u>RW12 2400</u>	

MINIMUMS															
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
LNAV MDA	1020	1	776	1020	1 1/4	776	1020	2 1/4	776		NA				
CIRCLING	1020	1	776	1020	1 1/4	776	1020	2 1/4	776		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: USE EL DORADO, AR ALTIMETER SETTING, WHEN NOT RECEIVED
 SEE 8260-10

CITY AND STATE HOMER, LA	ELEVATION: 244 TDZE: 244 AIRPORT NAME: HOMER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG DATED 07/05/2007

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

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NOTES CONT.**USE RUSTON ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WEBBY VIA V18 EASTBOUND.**

CITY AND STATE

HOMER, LA

ELEVATION: 244 TDZE: 244

AIRPORT NAME:

HOMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) RWY 12, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 07/05/2007

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 5F4 K4FR12	AELD	010ELD	K4D 0V	IF						18000		B JS	
SUSAP 5F4 K4FR12	AELD	020LAKOEK4EA0E	A 020TF			23490281		+ 03500				B JS	
SUSAP 5F4 K4FR12	AELD	030HEGUNK4EA0EE	010TF			21040050		+ 03500				B JS	
SUSAP 5F4 K4FR12	AHEGUN	010HEGUNK4EA0EE	CR HF			12040040		+ 03500		18000		B JS	
SUSAP 5F4 K4FR12	AWEBBY	010WEBBYK4EA0E	IF							18000		B JS	
SUSAP 5F4 K4FR12	AWEBBY	020KAGSEK4EA0E	A 020TF			32870117		+ 03500				B JS	
SUSAP 5F4 K4FR12	AWEBBY	030HEGUNK4EA0EE	010TF			03030050		+ 03500				B JS	
SUSAP 5F4 K4FR12	R	010HEGUNK4EA0E	I IF					+ 03500		18000		B JS	
SUSAP 5F4 K4FR12	R	020OTNAEK4EA1E	F 051TF			12040100		+ 02000			RW12	K4PGB JS	
SUSAP 5F4 K4FR12	R	020OTNAEK4EA2WN		N		ALNAV						JS	
SUSAP 5F4 K4FR12	R	030RW12 K4PG0GY	M 031TF			12050053		00284		-304		B JS	
SUSAP 5F4 K4FR12	R	040SUTREK4EA0EYM	010DF					+ 03500				B JS	
SUSAP 5F4 K4FR12	R	050SUTREK4EA0EE	HR020HM			30060040		+ 03500				B JS	

[illegible]

SUP:	
AMDT:	ORIG
DATED:	07/05/2007

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[illegible]

SUP:	
AMDT:	ORIG
DATED:	07/05/2007

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 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
	ELD	ELD	010		IF		FB				
	ELD	LAKOE	020	IAF	TF		FB	2.0	234.9(237T)	028.1	03500
	ELD	HEGUN	030		TF		FB	1.0	210.4(212T)	005.0	03500
	HEGUN	HEGUN	010		HF	R	FB		120.4(122T)	004.0	03500
	WEBBY	WEBBY	010		IF		FB				
	WEBBY	KAGSE	020	IAF	TF		FB	2.0	328.7(331T)	011.7	03500
	WEBBY	HEGUN	030		TF		FB	1.0	030.3(032T)	005.0	03500
		HEGUN	010	FACF	IF		FB				03500
		OTNAE	020	FAF	TF		FB	0.5	120.4(122T)	010.0	02000
		RW12	030	MAP	TF		FO	0.3	120.5(123T)	005.3	00284

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SUTRE	040		DF		FO	1.0			03500
	SUTRE	050		HM	R	FO	2.0	300.6(303T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELD	N331522.15	W0924438.21	N3315.369	W09244.637
	HEGUN	N325541.25	W0931550.40	N3255.688	W09315.840
	KAGSE	N325127.30	W0931901.02	N3251.455	W09319.017
	LAKOE	N325955.11	W0931239.48	N3259.919	W09312.658
	OTNAE	N325018.44	W0930547.65	N3250.307	W09305.794
	SUTRE	N323852.62	W0924436.04	N3238.877	W09244.601
	WEBBY	N324114.51	W0931212.78	N3241.242	W09312.213
	RW12	N324727.14	W0930028.94	N3247.452	W09300.482

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12	00244	40

CITY AND STATE
HOMER, LA

ELEVATION: 244 TDZE: 244
 AIRPORT NAME:
 HOMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 12, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2007

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW30 CLIMB TO 3500 DIRECT HEGUN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.36 INBOUND. FAS OBST: 519 AAO 324545N/0925521W 569 AAO 324338N/0925518W RIBSE TO RW30: 3.05/40. CHART SHV AND MLU RADAR APPROACH CONTROL FREQUENCIES.											
ELD VORTAC	WAVAG (FB)	173.16 / 32.33	3500												
WEBBY	PUTAE (FB)	105.56 / 21.64	3500												
GAMMS (IAF)	SUTRE (NOPT) (FB)	300.82 / 3.98	3500												
PUTAE (IAF)	SUTRE (NOPT) (FB)	030.61 / 5.00	3500												
WAVAG (IAF)	SUTRE (NOPT) (FB)	210.67 / 5.00	3500												
SUTRE (IF/IAF)	RIBSE (FB)	300.64 / 10.02	2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE SUTRE, RT, 300.64 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 300.55 FAF: RIBSE <u> </u> DIST FAF TO MAP: 5.35 THLD: 5.35 4. MIN. ALT: SUTRE 3500, RIBSE 2000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS CLEAR 8. MSA FROM: RW30 2400				MAG VAR: 2E 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
LNAV MDA	840	1	596	840	1	596	840	1 1/2	596		NA				
CIRCLING	840	1	596	840	1	596	840	1 1/2	596		NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE EL DORADO, AR ALTIMETER SETTING, WHEN NOT RECEIVED USE RUSTON ALTIMETER SETTING.															
CITY AND STATE		ELEVATION: 244 TDZE: 244		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HOMER, LA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 30, AMDT 1				AMDT: ORIG					
		HOMER MUNI				JUN 5 2008				DATED 07/05/2007					

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.

CITY AND STATE HOMER, LA	ELEVATION: 244 TDZE: 244	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1 JUN 5 2008	SUP:
	AIRPORT NAME: HOMER MUNI			AMDT: ORIG
				DATED: 07/05/2007

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

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ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ELD	K4011550VTHW	N33152215W092443821		N33152215W092443821	E007000230		NAREL DORADO					

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	GAMMS	K40	C	L	N32364304W092403841			E0015	NAR	GAMMS			
SUSAEENRT	HEGUN	K40	W		N32554125W093155040			E0021	NAR	HEGUN			
SUSAEENRT	PUTAE	K40	W		N32343945W092474753			E0015	NAR	PUTAE			
SUSAEENRT	RIBSE	K40	W		N32441713W092543623			E0015	NAR	RIBSE			
SUSAEENRT	SUTRE	K40	W		N32385262W092443604			E0015	NAR	SUTRE			
SUSAEENRT	WAVAG	K40	W		N32430571W092412425			E0015	NAR	WAVAG			
SUSAEENRT	WEBBY	K40	R	L	N32411451W093121278			E0021	NAR	WEBBY			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	5F4	K4A5F4	0	031YHN32471863W093001318E002000244		1800018000C	MNAR	HOMER MUNICIPAL					

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	5F4	K4FR30	AELD	010ELD	K4D	OV	IF			18000		B	JS
SUSAP	5F4	K4FR30	AELD	020WAVAGK4EA0E	A	020TF		17320323	+ 03500			B	JS
SUSAP	5F4	K4FR30	AELD	030SUTREK4EA0EE	010TF			21070050	+ 03500			B	JS
SUSAP	5F4	K4FR30	AGAMMS	010GAMMSK4EA0E	A	IF				18000		B	JS
SUSAP	5F4	K4FR30	AGAMMS	020SUTREK4EA0EE	010TF			30080040	+ 03500			B	JS
SUSAP	5F4	K4FR30	ASUTRE	010SUTREK4EA0EE	CR	HF		30060040	+ 03500	18000		B	JS
SUSAP	5F4	K4FR30	AWEBBY	010WEBBYK4EA0E	IF					18000		B	JS
SUSAP	5F4	K4FR30	AWEBBY	020PUTAEK4EA0E	A	020TF		10560216	+ 03500			B	JS
SUSAP	5F4	K4FR30	AWEBBY	030SUTREK4EA0EE	010TF			03060050	+ 03500			B	JS
SUSAP	5F4	K4FR30	R	010SUTREK4EA0E	I	IF			+ 03500	18000		B	JS
SUSAP	5F4	K4FR30	R	020RIBSEK4EA1E	F	051TF		30060100	+ 02000		RW30	K4PGB	JS
SUSAP	5F4	K4FR30	R	020RIBSEK4EA2WN			N	ALNAV					JS
SUSAP	5F4	K4FR30	R	030RW30	K4PGOGY	M	031TF	30060054	00269	-305		B	JS
SUSAP	5F4	K4FR30	R	040HEGUNK4EA0EYM	010DF				+ 03500			B	JS
SUSAP	5F4	K4FR30	R	050HEGUNK4EA0EE	HR020HM			12040040	+ 03500			B	JS

CITY AND STATE HOMER, LA	ELEVATION: 244 TDZE: 244	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, AMDT 1 JUN 5 2008	SUP:
	AIRPORT NAME: HOMER MUNI			AMDT: ORIG
				DATED: 07/05/2007

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

SUSAP 5F4 K4GRW30 0031993005 N32471013W092595733+0400 +0043800229000040060R

SUSAP 5F4 K4SRW30 K4PG 0 18018002425 M

SUP:	
AMDT:	ORIG
DATED:	07/05/2007

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 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
	ELD	ELD	010		IF		FB				
	ELD	WAVAG	020	IAF	TF		FB	2.0	173.2(175T)	032.3	03500
	ELD	SUTRE	030		TF		FB	1.0	210.7(213T)	005.0	03500
	GAMMS	GAMMS	010	IAF	IF		FB				
	GAMMS	SUTRE	020		TF		FB	1.0	300.8(303T)	004.0	03500
	SUTRE	SUTRE	010		HF	R	FB		300.6(303T)	004.0	03500
	WEBBY	WEBBY	010		IF		FB				
	WEBBY	PUTAE	020	IAF	TF		FB	2.0	105.6(108T)	021.6	03500
	WEBBY	SUTRE	030		TF		FB	1.0	030.6(033T)	005.0	03500
		SUTRE	010	FACF	IF		FB				03500
		RIBSE	020	FAF	TF		FB	0.5	300.6(303T)	010.0	02000
		RW30	030	MAP	TF		FO	0.3	300.6(303T)	005.4	00269

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEGUN	040		DF		FO	1.0			03500
	HEGUN	050		HM	R	FO	2.0	120.4(122T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELD	N331522.15	W0924438.21	N3315.369	W09244.637
	GAMMS	N323643.04	W0924038.41	N3236.717	W09240.640
	HEGUN	N325541.25	W0931550.40	N3255.688	W09315.840
	PUTAE	N323439.45	W0924747.53	N3234.658	W09247.792
	RIBSE	N324417.13	W0925436.23	N3244.286	W09254.604
	SUTRE	N323852.62	W0924436.04	N3238.877	W09244.601
	WAVAG	N324305.71	W0924124.25	N3243.095	W09241.404
	WEBBY	N324114.51	W0931212.78	N3241.242	W09312.213
	RW30	N324710.13	W0925957.33	N3247.169	W09259.956

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00229	40

CITY AND STATE
HOMER, LA

ELEVATION: 244 TDZE: 244
 AIRPORT NAME:
 HOMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO/ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 30, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2007

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, 30 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, ROAD AND VEHICLE 69' FROM DER, 280' LEFT OF CENTERLINE, 15' AGL/234' MSL, TREES BEGINNING 282' FROM DER, 419' RIGHT OF CENTERLINE, UP TO 100' AGL/349' MSL. **NOTE: RWY 30,** TREES BEGINNING 443' FROM DER, 309' LEFT OF CENTERLINE, UP TO 100' AGL/319' MSL, ROAD AND VEHICLE 603' FROM DER, 217' RIGHT OF CENTERLINE, 15' AGL/274' MSL, TREES BEGINNING 1180' FROM DER, 140' RIGHT OF CENTERLINE, UP TO 100' AGL/359' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HOMER, LA

(6) Airport

HOMER MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BTR VORTAC	JASAS (FB)	347.67 / 25.38	1900	LNAV: RW18 CLIMB TO 2000 DIRECT OVBAE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 000.29 INBOUND. FAS OBST: 244 AAO 304710N/0912845W CIDLA TO RW18: 3.04/45. CHART: BATON ROUGE ASOS 125.2
MOGAN	HOBUT (FB)	026.01 / 12.61	1900	
HOBUT (IAF)	FENPU (NOPT) (FB)	090.26 / 5.00	1900	
JASAS (IAF)	FENPU (NOPT) (FB)	270.36 / 5.00	1900	
FENPU (IF/IAF)	CIDLA (FB)	180.31 / 6.15	1700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N FENPU, RT, 180.31 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
- FAC: 180.30 FAF: CIDLA DIST FAF TO MAP: 5.00 THLD: 5.00
- MIN. ALT: FENPU 1900, CIDLA 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW18 2800

MAG VAR: 4E

EPOCH YEAR: 1985

MINIMUMS																
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	
LNAV MDA	560	1	520	560	1	520	560	1 1/2	520	560	1 3/4	520				
CIRCLING	560	1	520	560	1	520	600	1 1/2	560	600	2	560				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BTR VORTAC AIRWAY RADIALS 354 CW 041.
 SEE 8260-10

CITY AND STATE	ELEVATION: 40 TDZE: 40	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW ROADS, LA	AIRPORT NAME: FALSE RIVER RGNL		RNAV (GPS) RWY 18, ORIG JUN - 5 2008	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MOGAN VIA V222 SOUTHWEST BOUND.

CHART NOTE: USE BATON ROUGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAFAYETTE RGNL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

NEW ROADS, LA

ELEVATION: 40 TDZE: 40

AIRPORT NAME:

FALSE RIVER RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

JUN -5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

[illegible]

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.

SUSAP KHZRK4GRW18 0050031803 N30433063W091284103-0100 -0015400040000045075R

[illegible]

SUSAP KHZRK4SRW18 K4PG

0 18018002825

M

ELEVATION: 40 TDZE: 40
AIRPORT NAME:
FALSE RIVER RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG

JUN - 5 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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BTR	BTR	010		IF		FB				
	BTR	JASAS	020	IAF	TF		FB	2.0	347.7(352T)	025.4	01900
	BTR	FENPU	030		TF		FB	1.0	270.4(274T)	005.0	01900
	FENPU	FENPU	010		HF	R	FB		180.3(184T)	004.0	01900
	MOGAN	MOGAN	010		IF		FB				
	MOGAN	HOBUT	020	IAF	TF		FB	2.0	026.0(030T)	012.6	01900
	MOGAN	FENPU	030		TF		FB	1.0	090.3(094T)	005.0	01900
		FENPU	010	FACF	IF		FB				01900
		CIDLA	020	FAF	TF		FB	0.5	180.3(184T)	006.2	01700
		RW18	030	MAP	TF		FO	0.3	180.3(184T)	005.0	00085

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OVBAE	040		DF		FO	1.0			02000
	OVBAE	050		HM	L	FO	2.0	000.3(004T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTR	N302906.47	W0911738.62	N3029.108	W09117.644
	CIDLA	N304830.67	W0912814.89	N3048.511	W09128.248
	FENPU	N305439.27	W0912742.72	N3054.655	W09127.712
	HOBUT	N305501.74	W0913330.49	N3055.029	W09133.508
	JASAS	N305416.54	W0912155.00	N3054.276	W09121.917
	MOGAN	N304405.42	W0914050.31	N3044.090	W09140.839
	OVBAE	N303037.42	W0912948.19	N3030.624	W09129.803
	RW18	N304330.63	W0912841.03	N3043.511	W09128.684

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00040	45

CITY AND STATE
NEW ROADS, LA

ELEVATION: 40 TDZE: 40
 AIRPORT NAME:
 FALSE RIVER RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG
 JUN -5 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 1900 DIRECT FENPU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.31 INBOUND. CHART FAS OBST: 85 OL ON POLE 304219N/0912851W FAS OBST: 244 AAO 303919N/0912943W DISTANCE TO THLD FROM 321 HAT: 0.86 NM. WAAS CHANNEL # 42607 REFERENCE PATH ID: W36A CHART: BATON ROUGE ASOS 125.2													
BTR VORTAC	RUGLE (FB)	277.66 / 5.63	2000														
MOGAN	NUTUE (FB)	156.81 / 13.83	2000														
RUGLE (IAF)	OVBAE (NOPT) (FB)	270.34 / 5.00	2000														
NUTUE (IAF)	OVBAE (NOPT) (FB)	090.24 / 5.00	2000														
OVBAE (IF/IAF)	CEBGA (FB)	000.29 / 6.15	2000														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S OVBAE, LT, 000.29 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>000.30</u> FAF: <u>CEBGA</u> DIST FAF TO MAP: <u>5.92</u> THLD: <u>5.92</u> 4. MIN. ALT: <u>OVBAE 2000, CEBGA 2000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>CEBGA</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW36 2800</u>										MAG VAR: 4E		EPOCH YEAR: 1985					
MINIMUMS																	
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		
LPV DA	358	1	321	358	1	321	358	1	321	358	1	321					
LNAV/VNAV DA	396	1 1/4	359	396	1 1/4	359	396	1 1/4	359	396	1 1/4	359					
LNAV MDA	560	1	523	560	1	523	560	1 1/2	523	560	1 3/4	523					
CIRCLING	560	1	520	560	1	520	600	1 1/2	560	600	2	560					
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: BARO-VNAV NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BTR VORTAC AIRWAY RADIALS 239 CW 301. CHART NOTE: USE BATON ROUGE ALTIMETER SETTING, WHEN NOT RECEIVED USE LAFAYETTE RGNL ALTIMETER SEE 8260-10																	
CITY AND STATE				ELEVATION: 40 TDZE: 37				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
NEW ROADS, LA				AIRPORT NAME: FALSE RIVER RGNL				RNAV				RNAV (GPS) RWY 36, ORIG JUN 5 2008				AMDT: NONE	
																DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

SETTING AND INCREASE ALL DA 43 FEET AND ALL MDA 60 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

NEW ROADS, LA

ELEVATION: 40 TDZE: 37

AIRPORT NAME:

FALSE RIVER RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

JUN -5 2000

SUP:

AMDT: NONE

DATED:

**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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHZR
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W36A
REFERENCE PATH IDENTIFIER (APPROACH ID)	304241.2590N
LTP/FTP LATITUDE	0912845.3315W
LTP/FTP LONGITUDE	-00173
LTP/FTP ELLIPSOIDAL HEIGHT	304410.3100N
FPAP LATITUDE	0912837.5800W
FPAP LONGITUDE	00050.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1224
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

CDFAC88A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00100
FPAP ORTHOMETRIC HEIGHT	+00100

CITY AND STATE

NEW ROADS, LA

ELEVATION: 40 TDZE: 37

AIRPORT NAME:

FALSE RIVER RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

JUN -5 2006

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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHZRK4FR36	ABTR	010BTR	K4D	0V	IF					18000		A	JS
SUSAP KHZRK4FR36	ABTR	020RUGLEK4EA0E	A	020TF		27770056		+	02000			A	JS
SUSAP KHZRK4FR36	ABTR	030OVBAEK4EA0EE	010TF			27030050		+	02000			A	JS
SUSAP KHZRK4FR36	AMOGAN	010MOGANK4EA0E	IF							18000		A	JS
SUSAP KHZRK4FR36	AMOGAN	020NUTUEK4EA0E	A	020TF		15680138		+	02000			A	JS
SUSAP KHZRK4FR36	AMOGAN	030OVBAEK4EA0EE	010TF			09020050		+	02000			A	JS
SUSAP KHZRK4FR36	AOVBAE	010OVBAEK4EA0EE	CL	HF		00030040		+	02000	18000		A	JS
SUSAP KHZRK4FR36	R	010OVBAEK4EA0E	I	IF				+	02000	18000		A	JS
SUSAP KHZRK4FR36	R	020CEBGAK4EA1E	F	051TF		00030062		+	02000		RW36	K4PGA	JS
SUSAP KHZRK4FR36	R	020CEBGAK4EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KHZRK4FR36	R	030RW36	K4PG0GY	M	031TF		00030059		00083	-300		A	JS
SUSAP KHZRK4FR36	R	040FENPUK4EA0EYM	010DF					+	01900			A	JS
SUSAP KHZRK4FR36	R	050FENPUK4EA0EE	HR020HM			18030040		+	01900			A	JS

[illegible]

CITY AND STATE NEW ROADS, LA	ELEVATION: 40 TDZE: 37 AIRPORT NAME: FALSE RIVER RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG JUN 5 2006	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.

SUSAP KHZRK4SRW36 K4PG 0 18018002825 M

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BTR	BTR	010		IF		FB				
	BTR	RUGLE	020	IAF	TF		FB	2.0	277.7 (282T)	005.6	02000
	BTR	OVBAE	030		TF		FB	1.0	270.3 (274T)	005.0	02000
	MOGAN	MOGAN	010		IF		FB				
	MOGAN	NUTUE	020	IAF	TF		FB	2.0	156.8 (161T)	013.8	02000
	MOGAN	OVBAE	030		TF		FB	1.0	090.2 (094T)	005.0	02000
	OVBAE	OVBAE	010		HF	L	FB		000.3 (004T)	004.0	02000
		OVBAE	010	FACF	IF		FB				02000
		CEBGA	020	FAF	TF		FB	0.5	000.3 (004T)	006.2	02000
		RW36	030	MAP	TF		FO	0.3	000.3 (004T)	005.9	00083

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FENPU	040		DF		FO	1.0			01900
	FENPU	050		HM	R	FO	2.0	180.3 (184T)	004.0	01900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BTR	N302906.47	W0911738.62	N3029.108	W09117.644
	CEBGA	N303646.09	W0912916.21	N3036.768	W09129.270
	FENPU	N305439.27	W0912742.72	N3054.655	W09127.712
	MOGAN	N304405.42	W0914050.31	N3044.090	W09140.839
	NUTUE	N303059.79	W0913534.53	N3030.997	W09135.576
	OVBAE	N303037.42	W0912948.19	N3030.624	W09129.803
	RUGLE	N303014.80	W0912401.89	N3030.247	W09124.032
	RW36	N304241.26	W0912845.33	N3042.688	W09128.756

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00033	50

CITY AND STATE
NEW ROADS, LA

ELEVATION: 40 TDZE: 37
 AIRPORT NAME:
 FALSE RIVER RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG
 JUN -5 2008

SUP:
 AMDT: NONE
 DATED:

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

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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 _____

CITY AND STATE NEW ROADS, LA	ELEVATION: 39 TDZE: 39	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 18, ORIG-A 09/26/2000	SUP
	AIRPORT NAME: FALSE RIVER REGIONAL			AMDT ORIG
	DATE 4/25/1996			

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 36, FENCE 97' FROM DER, 248' RIGHT OF CENTERLINE, 5' AGL/44' MSL. POLE 1263' FROM DER, 215' LEFT OF CENTERLINE, 45' AGL/84' MSL. TREES BEGINNING 1268' FROM DER, 127' RIGHT OF CENTERLINE, UP TO 110' AGL/159' MSL. TREES BEGINNING 2436' FROM DER, 26' LEFT OF CENTERLINE, UP TO 127' AGL/176' MSL.

NOTE: RWY 18, ROAD BEGINNING 86' FROM DER, 398' RIGHT OF CENTERLINE, UP TO 15' AGL/49' MSL. FENCE 220' FROM DER, 362' RIGHT OF CENTERLINE, 6' AGL/39' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

NEW ROADS, LA

(6) Airport

FALSE RIVER REGIONAL

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

ORIG

QUALITY
ED

Bearings, headings, courses, and radials are magnetic. Elevations 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. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD E GRV VDME, RT, 262.21 INBOUND, 5000 FT. IN LIEU OF PT (IAF)				
3. FAC	264.00	FAF	AVAGE INT/GRV 8.12 DME	DIST FAF TO MAP	5.10 THLD 5.10
4. MIN. ALT	GRV VOR/DME 5000, AVAGE 4500				
8. MSA FROM:	GRV VOR/DME 110-290 5100, 290-110 4500				

MAG VAR: 6W

EPOCH YEAR: 1965

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-27	3340	1	415	3340	1	415	3340	1 1/4	415		NA							
CIRCLING	3400	1	467	3400	1	467	3400	1 1/2	467		NA							

CITY AND STATE OAKLAND, MD	ELEVATION: 2933 TDZE: 2925	FACILITY IDENTIFIER: GRV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY
	AIRPORT NAME:		VOR RWY 27, AMDT 4	26
	GARRETT COUNTY		JUN - 5 2008	AMDT 3A
				DATE 12/25/2003

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.

CITY AND STATE
OAKLAND, MD

ELEVATION: 2933 TDZE: 2925
AIRPORT NAME:
GARRETT COUNTY

FACILITY
IDENTIFIER:
GRV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
VOR RWY 27, AMDT 4
JUN - 5 2008

SUP: VOR OR GPS RWY
26
AMDT: 3A
DATED: 12/25/2003

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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 JUN 5 2008

CITY AND STATE DETROIT, MI	ELEVATION: 645 TDZE: 636	FACILITY IDENTIFIER: DTWDT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 3L, AMDT 12D 8 AUG 02	SUP
	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY			AMDT 12C
				DATE 23 OCT 01

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SNOWW (IAF)	CEDPA (NOPT) (FB)	043.20 / 17.94	3000	LNAV: RW06 CLIMBING RIGHT TURN TO 3500 DIRECT SNOWW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 020.36 INBOUND. CHART FAS OBST: 829 TREE 442627N/0832644W 1009 AAO 442437N/0833147W CHART VDP AT 1.17 MILES TO RW06. MUBIE TO RW06: 3.05/55.
TUSYU (IAF)	CEDPA (NOPT) (FB)	154.97 / 9.70	3000	
CEDPA (IF/IAF)	MUBIE (FB)	065.05 / 6.10	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW CEDPA, RT, 065.05 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 065.13 FAF: MUBIE DIST FAF TO MAP: 5.60 THLD: 5.60
- MIN. ALT: CEDPA 3000, MUBIE 2500, PEROY/2.00 NM TO RW06 1320
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW06 2700

MAG VAR: 7W 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		1080	1	446	1080	1	446	1080	1 1/4	446	1080	1 1/2	446			
CIRCLING		1140	1	506	1140	1	506	1140	1 1/2	506	1200	2	566			

NOTES:
CHART NOTE: CIRCLING NA SOUTHEAST OF RWY 6/24.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: VDP NA WHEN USING ALPENA ALTIMETER SETTING.
SEE 8260-10

⊗ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE OSCODA, MI	ELEVATION: 634 TDZE: 634 AIRPORT NAME: OSCODA-WURTSMITH	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG JUN 5 2008	SUP: AMDT: NONE DATED

**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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALPENA ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET, INCREASE VISIBILITY FOR LNAV CATS C AND D AND CIRCLING CAT C 1/4 MILE.

CITY AND STATE

OSCODA, MI

ELEVATION: 634 TDZE: 634

AIRPORT NAME:

OSCODA-WURTSMITH

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible][illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

CITY AND STATE

OSCODA, MI

ELEVATION: 634 TDZE: 634
AIRPORT NAME:

OSCODA-WURTSMITH

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	CEDPA	CEDPA	010		HF	R	FB		065.1(058T)	004.0	03000
	SNOWW	SNOWW	010	IAF	IF		FB				
	SNOWW	CEDPA	020		TF		FB	1.0	043.2(036T)	017.9	03000
	TUSYU	TUSYU	010	IAF	IF		FB				
	TUSYU	CEDPA	020		TF		FB	1.0	155.0(148T)	009.7	03000
		CEDPA	010	FACF	IF		FB				03000
		MUBIE	020	PAF	TF		FB	0.5	065.1(058T)	006.1	02500
		PEROY	021	SDF	TF		FB	0.3	065.1(058T)	003.7	01320
		RW06	030	MAP	TF		FO	0.3	065.2(058T)	002.0	00689

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SNOWW	040		DF	R	FO	1.0			03500
	SNOWW	050		HM	R	FO	2.0	020.4(013T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEDPA	N442024.27	W0833839.18	N4420.405	W08338.653
	MUBIE	N442337.70	W0833126.12	N4423.628	W08331.435
	PEROY	N442531.69	W0832710.07	N4425.528	W08327.168
	SNOWW	N440556.67	W0835324.96	N4405.945	W08353.416
	TUSYU	N442837.63	W0834549.10	N4428.627	W08345.818
	RW06	N442634.93	W0832447.74	N4426.582	W08324.796

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00634	55

CITY AND STATE
OSCODA, MI

ELEVATION: 634 TDZE: 634
 AIRPORT NAME:
OSCODA-WURTSMITH

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 6, ORIG
JUN 5 2008

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					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: ASP VOR/DME											
AILES INT	ASP VOR/DME	159.96 / 24.16	2700	CLIMB TO 2500 THEN RIGHT TURN DIRECT ASP VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 070.00 INBOUND. 999 AAO 442633N/0833006W CHART FAS OBST: 839 TREE 442633N/0832645N CHART VDP AT 2.12 DME; DISTANCE VDP TO THLD 1.23 MILES. DOGSY TO RW06: 2.88/75. FAC CROSSES RWY C/L EXTENDED 3016 FROM THLD.											
SNOWW INT	ASP VOR/DME	052.68 / 29.97	2500												
1. PT <u>R</u> SIDE OF COURSE <u>250.12</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>ASP VOR/DME</u> (IAF) 2. _____ 3. FAC <u>070.12</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>DOGSY/ASP 4.00 DME 1660*</u> 8. MSA FROM: <u>ASP VOR/DME 020-200 2400, 200-020 2700</u>					MAG VAR: 7W EPOCH YEAR: 2005										
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-6	1660	1 1/4	1026	1660	1 1/2	1026	1660	3	1026	1660	3	1026			
CIRCLING	1660	1 1/4	1026	1660	1 1/2	1026	1660	3	1026	1660	3	1026			
DOGSY FIX MINIMUMS															
S-6	1100	1	466	1100	1	466	1100	1 1/4	466	1100	1 1/2	466			
CIRCLING	1140	1	506	1140	1	506	1140	1 1/2	506	1200	2	566			
NOTES: CHART NOTE: CIRCLING NA SOUTHEAST OF RWYS 6 AND 24. *1760 WHEN USING ALPENA ALTIMETER SETTING. CHART NOTE: VDP NA WHEN USING ALPENA ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALPENA ALTIMETER SETTING AND INCREASE SEE 8260-10															
CITY AND STATE		ELEVATION: 634 TDZE: 634		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR GPS RWY					
OSCODA, MI		AIRPORT NAME:		ASP		VOR RWY 6, AMDT 1				6					
		OSCODA-WURTSMITH				JUN 5 2008				AMDT ORIG-A					
										DATE 11/23/2006					

**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.

NOTES CONT.

ALL MDAS 100 FT AND DOGSY FIX MINIMUMS VISIBILITY S-6/CIRCLING CAT C 1/4 MILE, S-6 CAT D 1/4 MILE.

CITY AND STATE

OSCODA, MI

ELEVATION: 634 TDZE: 634

AIRPORT NAME:

OSCODA-WURTSMITH

FACILITY
IDENTIFIER:
ASP

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 6, AMDT 1

JUN 5 2008

SUP: VOR OR GPS RWY 6

AMDT: ORIG-A

DATED: 11/23/2006

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 6, 24 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 06 TREES BEGINNING 3,096' FROM DER, 967' LEFT OF CENTERLINE UP TO 100' AGL/719' MSL.

NOTE: RWY 24 TREES BEGINNING 2,192' FROM DER, 578' RIGHT OF CENTERLINE UP TO 100' AGL/739' MSL. TREES BEGINNING 1,415' FROM DER, 559' LEFT OF CENTERLINE, UP TO 100' AGL/739' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

OSCODA, MI

(6) Airport

OSCODA-WURTSMITH

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
MARSS	TOSOE (FB)	047.54 / 19.40	5000	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 5000 DIRECT ERUYA AND HOLD.											
GIYED	LESIY (FB)	285.10 / 45.44	5000												
ISD VOR (IAF)	FEDPI (NOPT) (FB)	195.47 / 49.77	5000	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.45 INBOUND. CHART FAS OBST: 2615 POLE 423535N/0995958W CHART FAS OBST: 2649 TREE 423652N/1000124W FAS OBST: 2839 AAO 423751N/1000500W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 0.83 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 99706 REFERENCE PATH ID: W13A											
LESIY (IAF)	FEDPI (NOPT) (FB)	218.25 / 5.00	5000												
TOSOE (IAF)	FEDPI (NOPT) (FB)	038.15 / 5.00	5000												
FEDPI (IF/IAF)	JEPNO (FB)	128.20 / 6.12	4200												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW FEDPI, RT, 128.20 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: 128.27 FAF: JEPNO DIST FAF TO MAP: 4.84 THLD: 4.84 4. MIN. ALT: FEDPI 5000, JEPNO 4200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4200 GS ALT AT: JEPNO OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: RW13 5100				MAG VAR: 6E 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	2837	1	250	2837	1	250	2837	1	250	2837	1	250			
LNAV/VNAV DA	2885	1	298	2885	1	298	2885	1	298	2885	1	298			
LNAV MDA	2900	1	313	2900	1	313	2900	1	313	2900	1	313			
CIRCLING	3000	1	411	3040	1	451	3040	1 1/2	451	3140	2	551			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND SEE 8260-10. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 2589 TDZE: 2587		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
AINSWORTH, NE		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG				AMDT: NONE					
		AINSWORTH MUNI				JUN 5 2008				DATED					

QUALITY
2
CHECKED

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

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NOTES CONT.

INCREASE ALL DA 70 FEET AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDA 80 FEET AND

LNAV CAT D VISIBILITY 1/4 MILE. BARO-VNAV AND VDP NA WITH VALENTINE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ISD VOR VIA V71 NORTHWEST BOUND.

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2587

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
2
CHECKED

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KANW
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	423515.1500N
LTP/FTP LONGITUDE	0995945.1880W
LTP/FTP ELLIPSOIDAL HEIGHT	+07661
FPAP LATITUDE	423412.8700N
FPAP LONGITUDE	0995818.9200W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B0741484

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07885
FPAP ORTHOMETRIC HEIGHT	+07885

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2587

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-18[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KANWK3FR13	AFEDPI	010FEDPIK3EA0EE	CR	HF		12820050	+	05000	18000		A	JS
SUSAP	KANWK3FR13	AGIYED	010GIYEDK3EA0E		IF					18000		A	JS
SUSAP	KANWK3FR13	AGIYED	020LESIYK3EA0E	A	020TF		28510454	+	05000			A	JS
SUSAP	KANWK3FR13	AGIYED	030FEDPIK3EA0EE		010TF		21830050	+	05000			A	JS
SUSAP	KANWK3FR13	AISD	010ISD	K3D	0V	A				18000		A	JS
SUSAP	KANWK3FR13	AISD	020FEDPIK3EA0EE		010TF		19550498	+	05000			A	JS
SUSAP	KANWK3FR13	AMARSS	010MARSSK3EA0E		IF					18000		A	JS
SUSAP	KANWK3FR13	AMARSS	020TOSOEK3EA0E	A	020TF		04750194	+	05000			A	JS
SUSAP	KANWK3FR13	AMARSS	030FEDPIK3EA0EE		010TF		03820050	+	05000			A	JS
SUSAP	KANWK3FR13	R	010FEDPIK3EA0E	I	IF			+	05000	18000		A	JS
SUSAP	KANWK3FR13	R	020JEPNOK3EA1E	F	051TF		12820061	+	04200		RW13	K3PGA	JS
SUSAP	KANWK3FR13	R	020JEPNOK3EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KANWK3FR13	R	030RW13	K3PGOGY	M	031TF	12830049		02637	-300		A	JS
SUSAP	KANWK3FR13	R	040ERUYAK3EA0EYM		010DF			+	05000			A	JS
SUSAP	KANWK3FR13	R	050ERUYAK3EA0EE		HR020HM		30850050	+	05000			A	JS

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2587
AIRPORT NAME:
AINSWORTH MUNI

**FACILITY
IDENTIFIER:**
BNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
JUN 5 2008

SUP:	
AMDT:	NONE
DATED:	

QUANTITY
CHECKED

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

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

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KANWK3GRW13	0055011283	N42351515W099594519-0100	+0766102587000050075R									
	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KANWK3PR13	RW13 001	0000W13A0N4235151500W09959451880+076610300N4234128700W09958189200106751072000500F400500B0741484										
	SUSAP KANWK3PR13	RW13 002E	+07885+07885LPV	99706	000								
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KANWK3SRW13	K3PG	0	18018005125	M								

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2587
 AIRPORT NAME:
AINSWORTH MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 CHECKED

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEDPI	FEDPI	010		HF	R	FB		128.2(134T)	005.0	05000
	GIYED	GIYED	010		IF		FB				
	GIYED	LESIY	020	IAF	TF		FB	2.0	285.1(291T)	045.4	05000
	GIYED	FEDPI	030		TF		FB	1.0	218.3(224T)	005.0	05000
	ISD	ISD	010	IAF	IF		FB				
	ISD	FEDPI	020		TF		FB	1.0	195.5(202T)	049.8	05000
	MARSS	MARSS	010		IF		FB				
	MARSS	TOSOE	020	IAF	TF		FB	2.0	047.5(054T)	019.4	05000
	MARSS	FEDPI	030		TF		FB	1.0	038.2(044T)	005.0	05000
		FEDPI	010	FACF	IF		FB				05000
		JEPNO	020	FAF	TF		FB	0.5	128.2(134T)	006.1	04200
		RW13	030	MAP	TF		FO	0.3	128.3(134T)	004.8	02637

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ERUYA	040		DF		FO	1.0			05000
	ERUYA	050		HM	R	FO	2.0	308.5(315T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ISD	N432916.49	W0994541.01	N4329.275	W09945.684
	ERUYA	N422656.59	W0994816.62	N4226.943	W09948.277
	FEDPI	N424254.18	W1001023.31	N4242.903	W10010.389
	GIYED	N423022.02	W0990805.55	N4230.367	W09908.093
	JEPNO	N423838.15	W1000426.89	N4238.636	W10004.448
	LESIY	N424629.22	W1000539.32	N4246.487	W10005.655
	MARSS	N422748.92	W1003615.32	N4227.815	W10036.255
	TOSOE	N423918.94	W1001506.75	N4239.316	W10015.113
	RW13	N423515.15	W0995945.19	N4235.253	W09959.753

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW13	02587	50	

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2587 AIRPORT NAME: AINSWORTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG JUN 5 2008	SUP:
				AMDT: NONE
				DATED:

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
ANW VOR/DME	EVANE (FO)	351.88 / 11.68	5000	LNAV/VNAV: DA LNAV: RW17	
ISD VOR (IAF)	EVANE (NOPT) (FB)	187.62 / 44.69	5000	CLIMB TO 5000 DIRECT PUKFA AND HOLD.	
EVANE (IF/IAF)	CURVA (FB)	173.33 / 6.10	4100		
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 353.33 INBOUND. CHART FAS OBST: 2615 POLE 423535N/0995958W FAS OBST: 2849 AAO 423835N/0995929W DISTANCE TO THLD FROM 296 HAT: 0.79 NM. CHART VDP AT 1.47 MILES TO RW17* *LNAV ONLY.	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N EVANE, RT, 173.33 INBOUND, 5000 FT. IN LIEU OF PT (IAF)
- FAC: 173.33 FAF: CURVA DIST FAF TO MAP: 4.55 THLD: 4.55
- MIN. ALT: EVANE 5000, CURVA 4100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 4100 GS ALT AT: CURVA OM: MM: IM:
- GS ANGLE: 3.00 TCH: 46.0 34:1 IS CLEAR
- MSA FROM: RW17 5100

MAG VAR: 6E 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/VNAV DA	2885	1/2	296	2885	1/2	296	2885	1/2	296	2885	3/4	296				
LNAV MDA	3100	1/2	511	3100	1/2	511	3100	1	511	3100	1	511				
CIRCLING	3100	1	511	3100	1	511	3100	1 1/2	511	3140	2	551				

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2589	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 JUN 5 2008	SUP:
	AIRPORT NAME: AINSWORTH MUNI			AMDT: ORIG
	DATED 11/28/2002			

QUALITY
2
CHECKED

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 ISD VOR VIA V71 NORTHWEST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND INCREASE DA 70 FEET AND LNAV/VNAV CAT A/B/C VISIBILITY 1/4 MILE, INCREASE ALL MDA 80 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING VALENTINE ALTIMETER SETTING.

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

QUALITY
2
CHECKS

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP KANWK3FR17	AANW	010ANW	K3D	0V	IF					18000		B	JS	
SUSAP KANWK3FR17	AANW	020EVANEK3EA0EY	A	020TF		35190117		+ 05000				B	JS	
SUSAP KANWK3FR17	AANW	030EVANEK3EA0EB	CR	HF		17330050		+ 05000				B	JS	
SUSAP KANWK3FR17	AISD	010ISD	K3D	0V	A	IF				18000		B	JS	
SUSAP KANWK3FR17	AISD	020EVANEK3EA0EE		010TF		18760447		+ 05000				B	JS	
SUSAP KANWK3FR17	R	010EVANEK3EA0E	I	IF				+ 05000		18000		B	JS	
SUSAP KANWK3FR17	R	020CURVAK3EA1E	F	051TF		17330061		+ 04100			RW17	K3PGB	JS	
SUSAP KANWK3FR17	R	020CURVAK3EA2WN			ALNAV/VNAV	ALNAV							JS	
SUSAP KANWK3FR17	R	030RW17	K3PGOGY	M	031TF		17330046		02633		-300		B	JS
SUSAP KANWK3FR17	R	040PUKFAK3EA0EYM		010DF				+ 05000				B	JS	
SUSAP KANWK3FR17	R	050PUKFAK3EA0EE		HR020IM		35330050		+ 05000				B	JS	

[illegible]

SUP:	
AMDT:	ORIG
DATED:	11/28/2002

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

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

MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KANWK3SRW17 K3PG 0 18018005125 M

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589
AIRPORT NAME:
AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 11/28/2002

2
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ANW	ANW	010		IF		FB				
	ANW	EVANE	020	IAF	TF		FO	2.0	351.9(358T)	011.7	05000
	ANW	EVANE	030		HF	R	FO		173.3(179T)	005.0	05000
	ISD	ISD	010	IAF	IF		FB				
	ISD	EVANE	020		TF		FB	1.0	187.6(194T)	044.7	05000
		EVANE	010	FACF	IF		FB				05000
		CURVA	020	FAF	TF		FB	0.5	173.3(179T)	006.1	04100
		RW17	030	MAP	TF		FO	0.3	173.3(179T)	004.6	02633

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PUKFA	040		DF		FO	1.0			05000
	PUKFA	050		HM	R	FO	2.0	353.3(359T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANW	N423403.80	W0995922.85	N4234.147	W09959.381
	ISD	N432916.49	W0994541.01	N4329.275	W09945.684
	CURVA	N423943.16	W0995952.28	N4239.719	W09959.871
	EVANE	N424549.24	W0995958.09	N4245.821	W09959.968
	PUKFA	N422259.52	W0995936.42	N4222.992	W09959.607
	RW17	N423510.09	W0995947.95	N4235.168	W09959.799

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	02587		46

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
MARSS	KUTRE (FB)	091.65 / 32.34	5000	LPV: DA LNAV/VNAV: DA LNAV: RW31			
ISD VOR	CEKRI (FB)	172.46 / 58.77	5000				
GIYED (IAF)	ERUYA (NOPT) (FB)	257.66 / 29.93	5000	CLIMB TO 5000 DIRECT FEDPI AND HOLD.			
KUTRE (IAF)	ERUYA (NOPT) (FB)	038.40 / 5.00	5000				
CEKRI (IAF)	ERUYA (NOPT) (FB)	218.50 / 5.00	5000	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.20 INBOUND. CHART FAS OBST: 2603 TREE 423420N/0995833W FAS OBST: 2809 AA0 423103N/0995546W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.33 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 86507 REFERENCE PATH ID: W31A			
ERUYA (IF/IAF)	SALDE (FB)	308.45 / 6.12	4200				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD SE ERUYA, RT, 308.45 INBOUND, 5000 FT. IN LIEU OF PT (IAF)

3. FAC: 308.38 FAF: SALDE DIST FAF TO MAP: 4.85 THLD: 4.85

4. MIN. ALT: ERUYA 5000, SALDE 4200

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:

6. MIN GS INCPT: 4200 GS ALT AT: SALDE OM: MM: IM:

7. GS ANGLE: 3.00 TCH: 52.1 34:1 IS CLEAR

8. MSA FROM: RW31 5100

MAG VAR: 6E 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	2835	1	250	2835	1	250	2835	1	250	2835	1	250			
LNAV/VNAV DA	2873	1	288	2873	1	288	2873	1	288	2873	1	288			
LNAV MDA	3060	1	475	3060	1	475	3060	1 1/4	475	3060	1 1/2	475			
CIRCLING	3060	1	471	3060	1	471	3060	1 1/2	471	3140	2	551			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2585 AIRPORT NAME: AINSWORTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG JUN 5 2008	SUP: AMDT: NONE DATED

QUALITY
2
CHECKED

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

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NOTES CONT.

INCREASE ALL DA 70 FEET AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDA 80 FEET, AND LNAV CAT C AND D VISIBILITY 1/4 MILE. BARO-VNAV AND VDP NA WITH VALENTINE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ISD VOR VIA V71 NORTHWESTBOUND.

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2585
AIRPORT NAME:
AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
JUN 5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KANW
RW31
0

0
W31A
423437.1820N
0995852.5910W
+07648
423539.4500N
1000018.8800W
00052.1
F
03.00
106.75
1072
40.0
50.0

CRC REMAINDER

852C8A3D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+07872
+07872

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2585

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ISD K3011280V L N43291649W099454101 E0080 NARWINNER												

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	CEKRI K30 W N42303072W099433258 E0057 NAR CEKRI												
SUSAEENRT	ERUYA K30 W N42265659W099481662 E0057 NAR ERUYA												
SUSAEENRT	FEDPI K30 W N42425418W100102331 E0064 NAR FEDPI												
SUSAEENRT	GIYED K30 L N42302202W099080555 E0057 NAR GIYED												
SUSAEENRT	KUTRE K30 W N42232226W099530012 E0057 NAR KUTRE												
SUSAEENRT	MARSS K30 R L N42274892W100361532 E0064 NAR MARSS												
SUSAEENRT	SALDE K30 W N42311370W099541114 E0057 NAR SALDE												

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KANWK3AANW 0 068YHN42344500W099593400E006002589 1800018000C MNAR AINSWORTH MUNI												

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KANWK3FR31	AERUYA 010ERUYAK3EA0EE CR HF 30850050 + 05000 18000 A JS												
SUSAP KANWK3FR31	AGIYED 010GIYEDK3EA0E A IF 18000 A JS												
SUSAP KANWK3FR31	AGIYED 020ERUYAK3EA0EE 010TF 25770299 + 05000 A JS												
SUSAP KANWK3FR31	AISD 010ISD K3D 0V IF 18000 A JS												
SUSAP KANWK3FR31	AISD 020CEKRIK3EA0E A 020TF 17250588 + 05000 A JS												
SUSAP KANWK3FR31	AISD 030ERUYAK3EA0EE 010TF 21850050 + 05000 A JS												
SUSAP KANWK3FR31	AMARSS 010MARSSK3EA0E IF 18000 A JS												
SUSAP KANWK3FR31	AMARSS 020KUTREK3EA0E A 020TF 09170323 + 05000 A JS												
SUSAP KANWK3FR31	AMARSS 030ERUYAK3EA0EE 010TF 03840050 + 05000 A JS												
SUSAP KANWK3FR31	R 010ERUYAK3EA0E I IF 18000 A JS												
SUSAP KANWK3FR31	R 020SALDEK3EA1E F 051TF 30850061 + 04200 RW31 K3PGA JS												
SUSAP KANWK3FR31	R 020SALDEK3EA2WALPV ALNAV/VNAV ALNAV JS												
SUSAP KANWK3FR31	R 030RW31 K3PGOGY M 031TF 30840049 02635 -300 A JS												
SUSAP KANWK3FR31	R 040FEDPIK3EA0EYM 010DF + 05000 A JS												
SUSAP KANWK3FR31	R 050FEDPIK3EA0EE HR020HM 12820050 + 05000 A JS												

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2585
 AIRPORT NAME:
AINSWORTH MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 CHECKED

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

SUSAP KANWK3GRW31 0055013083 N42343718W099585259+0100 +0764802583000052075R

SUSAP	KANWK3PR31	RW31	001	0000W31A0N4234371820W09958525910+076480300N4235394500W10000188800106751072000521F400500852C8A3D
SUSAP	KANWK3PR31	RW31	002E	+07872+07872LPV 86507 000

SUSAP KANWK3SRW31 K3PG 0 18018005125 M

SUP:	
AMDT:	NONE
DATED:	

QUALITY
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ERUYA	ERUYA	010		HF	R	FB		308.5 (315T)	005.0	05000
	GIYED	GIYED	010	IAF	IF		FB				
	GIYED	ERUYA	020		TF		FB	1.0	257.7 (264T)	029.9	05000
	ISD	ISD	010		IF		FB				
	ISD	CEKRI	020	IAF	TF		FB	2.0	172.5 (179T)	058.8	05000
	ISD	ERUYA	030		TF		FB	1.0	218.5 (225T)	005.0	05000
	MARSS	MARSS	010		IF		FB				
	MARSS	KUTRE	020	IAF	TF		FB	2.0	091.7 (098T)	032.3	05000
	MARSS	ERUYA	030		TF		FB	1.0	038.4 (044T)	005.0	05000
		ERUYA	010	FACF	IF		FB				05000
		SALDE	020	FAF	TF		FB	0.5	308.5 (315T)	006.1	04200
		RW31	030	MAP	TF		FO	0.3	308.4 (314T)	004.9	02635

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEDPI	040		DF		FO	1.0			05000
	FEDPI	050		HM	R	FO	2.0	128.2 (134T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ISD	N432916.49	W0994541.01	N4329.275	W09945.684
	CEKRI	N423030.72	W0994332.58	N4230.512	W09943.543
	ERUYA	N422656.59	W0994816.62	N4226.943	W09948.277
	FEDPI	N424254.18	W1001023.31	N4242.903	W10010.389
	GIYED	N423022.02	W0990805.55	N4230.367	W09908.093
	KUTRE	N422322.26	W0995300.12	N4223.371	W09953.002
	MARSS	N422748.92	W1003615.32	N4227.815	W10036.255
	SALDE	N423113.70	W0995411.14	N4231.228	W09954.186
	RW31	N423437.18	W0995852.59	N4234.620	W09958.877

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	02583	52

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2585
 AIRPORT NAME:
AINSWORTH MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV/VNAV: DA LNAV: RW35 CLIMB TO 5000 DIRECT EVANE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 173.33 INBOUND. CHART FAS OBST: 2639 TREE 423353N/0995919W FAS OBST: 2899 AAO 423038N/0995912W CHART VDP AT 1.65 MILES TO RW35* *LNAV ONLY. DIST TO THLD FROM 320 HAT: 0.86 NM	
ANW VOR/DME	PUKFA (FO)	174.86 / 11.15	5000		
MARSS	ECOFI (FB)	096.27 / 22.68	5000		
ECOFI (IAF)	PUKFA (NOPT) (FB)	083.25 / 5.00	5000		
PUKFA (IF/IAF)	COLSI (FB)	353.33 / 6.20	4200		

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD S PUKFA, RT, 353.33 INBOUND, 5000 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>353.33</u> FAF: <u>COLSI</u>	DIST FAF TO MAP: <u>4.85</u> THLD: <u>4.85</u>
4. MIN. ALT: PUKFA 5000, COLSI 4200	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>4200</u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>45.1</u> 34:1 IS CLEAR	
8. MSA FROM: <u>RW35 5100</u>	
MAG VAR: 6E EPOCH YEAR: 2010	

MINIMUMS															
TAKEOFF: <u> </u>	STANDARD <u> </u>	X <u> </u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A <u> </u>				STANDARD @ <u> </u>				
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	2909	1/2	320	2909	1/2	320	2909	1/2	320	2909	3/4	320			
LNAV MDA	3160	1/2	571	3160	1/2	571	3160	1	571	3160	1 1/4	571			
CIRCLING	3160	1	571	3160	1	571	3160	1 1/2	571	3160	2	571			

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 2589 TDZE: 2589	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AINSWORTH, NE	AIRPORT NAME: AINSWORTH MUNI		RNAV (GPS) RWY 35, AMDT 1	AMDT: ORIG
			JUN 5 2008	DATED 11/28/2002

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND INCREASE ALL DA 70 FEET AND LNAV/VNAV VISIBILITY CATS A/B/C 1/4 MILE, INCREASE ALL MDA 80 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. BARO-VNAV AND VDP NA WHEN USING VALENTINE ALTIMETER SETTING.

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KANWK3FR35	AANW	010ANW	K3D 0V	IF						18000		B JS	
SUSAP KANWK3FR35	AANW	020PUKFAK3EA0EY	A 020TF			17490112		+ 05000				B JS	
SUSAP KANWK3FR35	AANW	030PUKFAK3EA0EB	CR HF			35330050		+ 05000				B JS	
SUSAP KANWK3FR35	AMARSS	010MARSSK3EA0E	IF							18000		B JS	
SUSAP KANWK3FR35	AMARSS	020ECOFIK3EA0E	A 020TF			09630227		+ 05000				B JS	
SUSAP KANWK3FR35	AMARSS	030PUKFAK3EA0EE	L010TFY			08330050		+ 05000				B JS	
SUSAP KANWK3FR35	R	010PUKFAK3EA0E	I IF					+ 05000		18000		B JS	
SUSAP KANWK3FR35	R	020COLSIK3EA1E	F 051TF			35330062		+ 04200			RW35	K3PGB JS	
SUSAP KANWK3FR35	R	020COLSIK3EA2WN		ALNAV/VNAV	ALNAV							JS	
SUSAP KANWK3FR35	R	030RW35	K3PG0GY M 031TF			35330049		02634		-300		B JS	
SUSAP KANWK3FR35	R	040EVANEK3EA0EYM	010DF					+ 05000				B JS	
SUSAP KANWK3FR35	R	050EVANEK3EA0EE	HR020HM			17330050		+ 05000				B JS	

[illegible]

DATED: 11/28/2002

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

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2589 AIRPORT NAME: AINSWORTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 11/28/2002

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	ANW	ANW	010		IF		FB				
	ANW	PUKFA	020	IAF	TF		FO	2.0	174.9(181T)	011.2	05000
	ANW	PUKFA	030		HF	R	FO		353.3(359T)	005.0	05000
	MARSS	MARSS	010		IF		FB				
	MARSS	ECOFI	020	IAF	TF		FB	2.0	096.3(102T)	022.7	05000
	MARSS	PUKFA	030		TF	L	FB	1.0	083.3(089T)	005.0	05000
		PUKFA	010	FACF	IF		FB				05000
		COLSI	020	FAF	TF		FB	0.5	353.3(359T)	006.2	04200
		RW35	030	MAP	TF		FO	0.3	353.3(359T)	004.9	02634

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EVANE	040		DF		FO	1.0			05000
	EVANE	050		HM	R	FO	2.0	173.3(179T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANW	N423408.80	W0995922.85	N4234.147	W09959.381
	COLSI	N422911.43	W0995942.28	N4229.191	W09959.705
	ECOFI	N422255.81	W1000621.19	N4222.930	W10006.353
	EVANE	N424549.24	W0995958.09	N4245.821	W09959.968
	MARSS	N422748.92	W1003615.32	N4227.815	W10036.255
	PUKFA	N422259.52	W0995936.42	N4222.992	W09959.607
	RW35	N423402.70	W0995946.88	N4234.045	W09959.781

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	02589	45

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589
 AIRPORT NAME:
AINSWORTH MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
JUN 5 2008

SUP:
 AMDT: **ORIG**
 DATED: **11/28/2002**

11/28/2002
 2
 RECORDED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 31, FENCE 81' FROM DER, 374' RIGHT OF CENTERLINE, 3' AGL/2589' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

AINSWORTH, NE

(6) Airport

AINSWORTH MUNI

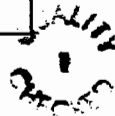
(7) Effective Date

JUN 5 2008

(8) Amdt. No.

ORIG

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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: OLU VOR/DME						
										CLIMB TO 3200 THEN LEFT TURN DIRECT OLU VOR/DME AND HOLD.						
										ADDITIONAL FLIGHT DATA: HOLD SE, RT, 329.00 INBOUND. CHART FAS OBST: 1637 TOWER 412808N/0971949W CHART 1661 TOWER 412944N/0972223W. CHART VDP AT 1.77 DME; DISTANCE VDP TO THLD 1.17 MILES. CHART APT ELEV 1447, TDZE 1447 CHRIS TO RW14: 3.11/40 CHART PLANVIEW NOTE: MAXIMUM ENTRY ALTITUDE 6000 AT OLU VOR/DME						
1. PT <u>R</u> SIDE OF COURSE <u>309.20</u> OUTBOUND <u>3200</u> FT WITHIN <u>10</u> MILES OF <u>OLU VOR/DME</u> (IAF)														MAG VAR: 8E EPOCH YEAR: 1980		
2.																
3. FAC <u>129.20</u> FAF _____ DIST FAF TO MAP _____ THLD _____																
4. MIN. ALT <u>CHRIS/OLU 2.70 DME 2180</u>																
8. MSA FROM: <u>OLU VOR/DME 180-360 4800, 360-180 3400</u>																
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-14	2180	1	733	2180	1	733	2180	2	733	2180	2 1/4	733				
CIRCLING	2180	1	733	2180	1	733	2180	2	733	2180	2 1/4	733				
CHRIS FIX MINIMUMS																
S-14	1860	1	413	1860	1	413	1860	1 1/4	413	1860	1 1/4	413				
CIRCLING	1940	1	493	1940	1	493	1940	1 1/2	493	2040	2	593				
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.																
CITY AND STATE		ELEVATION: 1447 TDZE: 1447		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP						
COLUMBUS, NE		AIRPORT NAME:		OLU		VOR RWY 14, AMDT 14A				AMDT 14						
		COLUMBUS MUNI				JUN 5 2008				DATE 03/15/2007						



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										MISSED APPROACH							
FROM		TO			COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 5500 DIRECT TOKKU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 310.55 INBOUND. CHART FAS OBST: 2627 TREE 405345N/1000154W CHART FAS OBST: 2604 TREE 405237N/1000040W 2815 AAO 405741N/1000529W DISTANCE TO THLD FROM 372 HAT: 1.00 NM. WAAS CHANNEL # 93707 REFERENCE PATH ID: W13A CHART TDZE 2503 CHART AIRPORT ELEV 2503							
YESUS (IF/IAF)		ZADKA (FB)			130.28 / 7.36			4500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW YESUS, RT, 130.28 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>130.35</u> FAF: <u>ZADKA</u> DIST FAF TO MAP: <u>6.01</u> THLD: <u>6.01</u> 4. MIN. ALT: <u>YESUS 5000, ZADKA 4500, SOKCO/2.00 NM TO RW13 3180*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>4500</u> GS ALT AT: <u>ZADKA</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>52.2</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW13 4600</u>										MAG VAR: 7E EPOCH YEAR: 2005							
MINIMUMS																	
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		
LPV DA	2875	1 1/4	372	2875	1 1/4	372	2875	1 1/4	372		NA						
LNAV/VNAV DA	2913	1 1/2	410	2913	1 1/2	410	2913	1 1/2	410		NA						
LNAV MDA	2920	1	417	2920	1	417	2920	1 1/4	417		NA						
CIRCLING	3080	1	577	3080	1	577	3080	1 1/2	577		NA						
NOTES: CHART NOTE: CIRCLING TO RWY 18, 31 AND 36 NA AT NIGHT. CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY. SEE 8260-10																	
CITY AND STATE COZAD, NE				ELEVATION: 2503 TDZE: 2503 AIRPORT NAME: COZAD MUNI				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 JUN 5 2008				SUP: AMDT: ORIG DATED 01/20/2005	

 QUALITY
 4
 0

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 NOTE: USE LEXINGTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE NORTH PLATTE ALTIMETER SETTING AND INCREASE ALL DAS 79 FEET AND LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDAS 80 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

COZAD, NE

ELEVATION: 2503 TDZE: 2503
AIRPORT NAME:

COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/20/2005

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 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
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KCZD
RW13
0

0
W13A
405229.8750N
1000040.7515W
+07396
405124.2400N
0995921.2800W
00052.2
F
03.00
106.75
1224
40.0
50.0

CRC REMAINDER

F074AB06

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+07630
+07630

CITY AND STATE

COZAD, NE

ELEVATION: 2503 TDZE: 2503

AIRPORT NAME:

COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/20/2008

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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KCZDK3FR13	AYESUS	010YESUSK3EA0EE	CR	HF		13030050		05000	18000			A JS	
SUSAP KCZDK3FR13	R	010YESUSK3EA0E	I	IF					18000			A JS	
SUSAP KCZDK3FR13	R	020ZADKAK3EA1E	F	051TF		13030074		+ 04500			RW13	K3PGA JS	
SUSAP KCZDK3FR13	R	020ZADKAK3EA2WALPV			ALNAV/VNAV ALNAV							JS	
SUSAP KCZDK3FR13	R	021SOKCOK3EA0E	S	031TF		13040040		V 0318003196		-300		A JS	
SUSAP KCZDK3FR13	R	030RW13 K3PG0GY	M	031TF		13040020		02555		-300		A JS	
SUSAP KCZDK3FR13	R	040TOKKUK3EA0EYM		010DF				+ 05500				A JS	
SUSAP KCZDK3FR13	R	050TOKKUK3EA0EE		HR020HM		31060050		+ 05500				A JS	

[illegible][illegible][illegible]

SUP:	
AMDT:	ORIG
DATED:	01/20/2008

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

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

SUSAP KCZDK3SRW13 K3PG

0 18018004625

M

CITY AND STATE

COZAD, NE

ELEVATION: 2503 TDZE: 2503

AIRPORT NAME:

COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/20/2008

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	YESUS	YESUS	010		HF	R	FB		130.3 (137T)	005.0	05000
		YESUS	010	FACF	IF		FB				
		ZADKA	020	FAF	TF		FB	0.5	130.3 (137T)	007.4	04500
		SOKCO	021	SDF	TF		FB	0.3	130.4 (137T)	004.0	03180
		RW13	030	MAP	TF		FO	0.3	130.4 (137T)	002.0	02555

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TOKKU	040		DF		FO	1.0			05500
	TOKKU	050		HM	R	FO	2.0	310.6 (318T)	005.0	05500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SOKCO	N405358.27	W1000227.84	N4053.971	W10002.464
	TOKKU	N404132.75	W0994728.10	N4041.546	W09947.468
	YESUS	N410219.92	W1001237.83	N4102.332	W10012.631
	ZADKA	N405655.22	W1000602.59	N4056.920	W10006.043
	RW13	N405229.88	W1000040.75	N4052.498	W10000.679

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	02503	52

CITY AND STATE
COZAD, NE

ELEVATION: 2503 TDZE: 2503
 AIRPORT NAME:
 COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 01/20/2005

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TOKKU (IF/AF)	HALAL (FB)	310.55 / 8.88	4200	LNAV: RW31
				CLIMB TO 5000 DIRECT YESUS AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 130.28 INBOUND. CHART FAS OBST: 2685 TOWER 405044N/0995729W HALAL TO RW31: 3.03/49. CHART AIRPORT ELEV 2503

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE TOKKU, RT, 310.55 INBOUND, 5500 FT. IN LIEU OF PT (IAF)
- FAC: 310.47 FAF: HALAL DIST FAF TO MAP: 5.15 THLD: 5.15
- MIN. ALT: TOKKU 5500, HALAL 4200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW31 4600

MAG VAR: 7E

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
LNAV MDA		3040	1	539	3040	1	539	3040	1 1/2	539		NA				
CIRCLING		3080	1	577	3080	1	577	3080	1 1/2	577		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 18, 31 AND 36 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

CITY AND STATE COZAD, NE	ELEVATION: 2503 TDZE: 2501	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 JUN 5 2008	SUP:
	AIRPORT NAME: COZAD MUNI			AMDT: ORIG
	DATED 01/20/2005			

QUALITY
4
P

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 NOTE: USE LEXINGTON ALTIMETER SETTING; WHEN NOT RECEIVED, USE NORTH PLATTE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

COZAD, NE

ELEVATION: 2503 TDZE: 2501

AIRPORT NAME:

COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/20/2005

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KC2DK3FR31	ATOKKU	010TOKKUK3EA0EE	CR	HF		31060050	05500	18000			B	JS
SUSAP	KC2DK3FR31	R	010TOKKUK3EA0E	I	IF				18000			B	JS
SUSAP	KCZDK3FR31	R	020HALALK3EA1E	F	051TF		31060089	+ 04200			RW31	K3PGB	JS
SUSAP	KCZDK3FR31	R	020HALALK3EA2WN		N	ALNAV							JS
SUSAP	KCZDK3FR31	R	030RW31 K3PG0GY	M	031TF		31050052	02546		-303		B	JS
SUSAP	KCZDK3FR31	R	040YESUSK3EA0EYM		010DF			+ 05000				B	JS
SUSAP	KCZDK3FR31	R	050YESUSK3EA0EE	HR	020HM		13030050	+ 05000				B	JS

[illegible][illegible]

CITY AND STATE COZAD, NE	ELEVATION: 2503 TDZE: 2501 AIRPORT NAME: COZAD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 01/20/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	TOKKU	TOKKU	010		HF	R	FB		310.6(318T)	005.0	05500
		TOKKU	010	FACF	IF		FB				
		HALAL	020	FAF	TF		FB	0.5	310.6(318T)	008.9	04200
		RW31	030	MAP	TF		FO	0.3	310.5(318T)	005.2	02546

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YESUS	040		DF		FO	1.0			05000
	YESUS	050		HM	R	FO	2.0	130.3(137T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HALAL	N404805.85	W0995521.53	N4048.098	W09955.359
	TOKKU	N404132.75	W0994728.10	N4041.546	W09947.468
	YESUS	N410219.92	W1001237.83	N4102.332	W10012.631
	RW31	N405153.50	W0995956.71	N4051.892	W09959.945

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	02497	49

CITY AND STATE
COZAD, NE

ELEVATION: 2503 TDZE: 2501
AIRPORT NAME:
COZAD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 01/20/2005

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 13, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 13, GRAIN ELEVATORS 3,968' FROM DER, 103' RIGHT OF CENTERLINE, 157' AGL/2,678' MSL. MULTIPLE POLES BEGINNING 13' FROM DER, 372' RIGHT OF CENTERLINE, UP TO 43' AGL/2,540' MSL. MULTIPLE BUILDINGS BEGINNING 97' FROM DER, 356' RIGHT OF CENTERLINE, UP TO 18' AGL/ 2,515' MSL. FUEL TANK 22' FROM DER, 372' RIGHT OF CENTERLINE, 13' AGL/ 2,509' MSL. ANTENNA ON GRAIN ELEVATOR, 3,672' FROM DER, 392' LEFT OF CENTERLINE, 189' AGL/2,678' MSL. MULTIPLE TREES BEGINNING 222' FROM DER, 24' LEFT OF CENTERLINE, UP TO 68' AGL/2,562' MSL. GRAIN ELEVATOR 5,482' FROM DER, 1,120' FROM DER, 170' AGL/ 2,660' MSL. BLDG LT 5,439' FROM DER, 1,086' LEFT OF CENTERLINE, 167' AGL/2,657' MSL. MULTIPLE LIGHT POLES BEGINNING 290' FROM DER, 370' LEFT OF CENTERLINE, UP TO 57' AGL/ 2,551' MSL. MULTIPLE SATELLITE DISHES BEGINNING 870' FROM DER, 432' LEFT OF CENTERLINE, UP TO (CONT.)

(4) CONTROLLING OBSTACLES:

(5) City, State

COZAD, NE

(6) Airport

COZAD MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

QUALITY
40

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnet

BLOCK 3. TAKEOFF OBSTACLE NOTES (CONT.): 54' AGL/ 2,549' MSL. MULTIPLE BUILDINGS BEGINNING 141' FROM DER, 88' LEFT OF CENTERLINE, UP TO 56' AGL/ 2,550' MSL. FENCE 1' FROM DER, 369' LEFT OF CENTERLINE, 4' AGL/ 2,500' MSL. DIVING BOARD 575' FROM DER, 572' LEFT OF CENTERLINE, 13' AGL/2,513' MSL.
NOTE: RWY 31, MULTIPLE TREES AND BUILDINGS BEGINNING 136' FROM DER, 450' RIGHT OF CENTERLINE, UP TO 100' AGL/2,604' MSL. BUILDING 608' FROM DER, 547' LEFT OF CENTERLINE, UP TO 50' AGL/2,554' MSL.

City, State COZAD, NE		Airport COZAD MUNI			Effective Date ROUTINE	Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date JUN 5 2008	

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								MISSED APPROACH										
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 3000 DIRECT OJEKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 326.57 INBOUND. CHART FAS OBST: 1269 TREE 403650N/0955304W CHART FAS OBST: 1279 TREE 403814N/0955358W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 1.17 MILES TO RW15* LNAV ONLY. WAAS CHANNEL # 86407 REFERENCE PATH ID: W15A 1449 AAO 404055N/0955627W										
OVR VORTAC		KALDE (FB)		193.42 / 22.18		4000												
VIKKI		KALDE (FB)		283.92 / 22.96		4000												
PWE VORTAC		JADIB (FB)		004.91 / 32.63		4000												
KALDE (IAF)		JUPMO (NOPT) (FB)		236.45 / 5.00		3000												
JADIB (IAF)		JUPMO (NOPT) (FB)		056.33 / 5.00		3000												
JUPMO (IF/IAF)		IGUSE (FB)		146.39 / 6.27		2800												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW JUPMO, RT, 146.39 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>146.44</u> FAF: <u>IGUSE</u> DIST FAF TO MAP: <u>4.93</u> THLD: <u>4.93</u> 4. MIN. ALT: <u>JUPMO 3000, IGUSE 2800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>IGUSE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>52.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW15 3500</u>								MAG VAR: 5E EPOCH YEAR: 1995										
MINIMUMS																		
TAKEOFF: ☒ STANDARD 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		VIS	HAT/HAA		DH/MDA	VIS	HAT/HAA		DH/MDA	VIS	HAT/HAA
LPV DA	1412	3/4	250		1412	3/4	250		NA			NA						
LNAV/VNAV DA	1539	1 1/4	377		1539	1 1/4	377		NA			NA						
LNAV MDA	1580	1	418		1580	1	418		NA			NA						
CIRCLING	1640	1	475		1640	1	475		NA			NA						
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OMAHA ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OMAHA ALTIMETER SETTING AND INCREASE SEE 8260-10																		
CITY AND STATE				ELEVATION: 1165 TDZE: 1162				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:		
NEBRASKA CITY, NE				AIRPORT NAME: NEBRASKA CITY MUNI				RNAV				RNAV (GPS) RWY 15, ORIG JUN 5 2008				AMDT: NONE		
																	DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

ALL DA 122 FT AND ALL MDA 140 FT, AND INCREASE LPV AND LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OVR VORTAC VIA V138 NORTHEAST BOUND, AND ARRIVALS AT PWE VORTAC VIA V71 SOUTHEAST BOUND.

CITY AND STATE

NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162

AIRPORT NAME:

NEBRASKA CITY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KAFK
RUNWAY RW15
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W15A
LTP/FTP LATITUDE 403644.3360N
LTP/FTP LONGITUDE 0955210.4410W
LTP/FTP ELLIPSOIDAL HEIGHT +03232
FPAP LATITUDE 403526.0000N
FPAP LONGITUDE 0955114.5800W
THRESHOLD CROSSING HEIGHT (TCH) 00052.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1376
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

26300EC6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03525
FPAP ORTHOMETRIC HEIGHT +03525

CITY AND STATE
NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162
AIRPORT NAME:
NEBRASKA CITY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG
JUN 5 2008

SUP:
AMDT: NONE
DATED:

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 PACKET - 424-18[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAFKK3FR15	AJUPMO	010JUPMOK3EA0EE	CR	HF		14640040	+	03000	18000		A JS	
SUSAP	KAFKK3FR15	AOVR	010OVR	K3D	OV	IF				18000		A JS	
SUSAP	KAFKK3FR15	AOVR	020KALDEK3EA0E	A	020TF		19340222	+	04000			A JS	
SUSAP	KAFKK3FR15	AOVR	030JUPMOK3EA0EE		010TF		23650050	+	03000			A JS	
SUSAP	KAFKK3FR15	APWE	010PWE	K3D	OV	IF				18000		A JS	
SUSAP	KAFKK3FR15	APWE	020JADIBK3EA0E		020TF		00490326	+	04000			A JS	
SUSAP	KAFKK3FR15	APWE	030JUPMOK3EA0EE		010TF		05630050	+	03000			A JS	
SUSAP	KAFKK3FR15	AVIKKI	010VIKKIK3EA0E		IF					18000		A JS	
SUSAP	KAFKK3FR15	AVIKKI	020KALDEK3EA0E	A	020TF		28390230	+	04000			A JS	
SUSAP	KAFKK3FR15	AVIKKI	030JUPMOK3EA0EE		010TF		23650050	+	03000			A JS	
SUSAP	KAFKK3FR15	R	010JUPMOK3EA0E	I	IF					18000		A JS	
SUSAP	KAFKK3FR15	R	020IGUSEK3EA1E	F	051TF		14640063	+	02800		RW15	K3PGA	JS
SUSAP	KAFKK3FR15	R	020IGUSEK3EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KAFKK3FR15	R	030RW15	K3PG0GY	M	031TF	14640049		01208		-300		A JS
SUSAP	KAFKK3FR15	R	040OJEKEK3EA0EYM		DF			+	03000				A JS

CITY AND STATE
NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162
AIRPORT NAME:
NEBRASKA CITY MUNI

FACILITY
IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG
JUN 5 2008

SUP:	
AMDT:	NONE
DATED:	

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

- A JS

SUSAP KAFKK3GRW15 0045001465 N40364434W095521044 +0323201156000052075R

SUSAP	KAFKK3PR15	RW15	001	0000W15A0N4036443360W09552104410+032320300N4035260000W09551145800106751376000520F40050026300EC6
SUSAP	KAFKK3PR15	RW15	002E	+03525+03525LPV 86407 000

SUSAP KAFKK3SRW15 K3PG 0 18018003525 M

SUP:	
AMDT:	NONE
DATED:	

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	JUPMO	JUPMO	010		HF	R	FB		146.4(151T)	004.0	03000
	OVR		010		IF		FB				
	OVR	KALDE	020	IAF	TF		FB	2.0	193.4(198T)	022.2	04000
	OVR	JUPMO	030		TF		FB	1.0	236.5(242T)	005.0	03000
	PWE	PWE	010		IF		FB				
	PWE	JADIB	020		TF		FB	2.0	004.9(010T)	032.6	04000
	PWE	JUPMO	030		TF		FB	1.0	056.3(061T)	005.0	03000
	VIKKI	VIKKI	010		IF		FB				
	VIKKI	KALDE	020	IAF	TF		FB	2.0	283.9(289T)	023.0	04000
	VIKKI	JUPMO	030		TF		FB	1.0	236.5(242T)	005.0	03000
		JUPMO	010	FACF	IF		FB				03000
		IGUSE	020	FAF	TF		FB	0.5	146.4(151T)	006.3	02800
		RW15	030	MAP	TF		FO	0.3	146.4(151T)	004.9	01208

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OJEKE	040		DF		FO				03000
	OJEKE	050		HM	R	FO	2.0	326.6(332T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411002.19	W0954412.23	N4110.037	W09544.204
	PWE	N401201.30	W0961222.63	N4012.022	W09612.377
	IGUSE	N404104.37	W0955516.16	N4041.073	W09555.269
	JADIB	N404411.02	W0960459.38	N4044.184	W09604.990
	JUPMO	N404634.91	W0955912.92	N4046.582	W09559.215
	KALDE	N404858.51	W0955326.04	N4048.975	W09553.434
	OJEKE	N402614.14	W0954442.50	N4026.236	W09544.708
	VIKKI	N404135.17	W0952449.94	N4041.586	W09524.832
	RW15	N403644.34	W0955210.44	N4036.739	W09552.174

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01156	52

CITY AND STATE
NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162
 AIRPORT NAME:
NEBRASKA CITY MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 3000 DIRECT JUPMO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 146.39 INBOUND. CHART FAS OBST: 1219 TREE 403606N/0955128W FAS OBST: 1409 AAO 403209N/0955037W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 1.23 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 45707 REFERENCE PATH ID: W33A			
TRAIG	AVATY (FB)	280.57 / 21.07	4000				
PWE VORTAC	IZANI (FB)	049.70 / 20.51	4000				
AVATY (IAF)	OJEKE (NOPT) (FB)	236.63 / 5.00	3000				
IZANI (IAF)	OJEKE (NOPT) (FB)	056.51 / 5.00	3000				
OJEKE (IF/IAF)	VIPRY (FB)	326.57 / 6.27	2800				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE OJEKE, RT, 326.57 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>326.52</u> FAF: <u>VIPRY</u> DIST FAF TO MAP: <u>4.93</u> THLD: <u>4.93</u> 4. MIN. ALT: <u>OJEKE 3000, VIPRY 2800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>VIPRY</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.6</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW33 3500</u>				MAG VAR: 5E EPOCH YEAR: 1995			
MINIMUMS							
TAKEOFF: ☒ STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @	
CATEGORY =====>	A		B		C		E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1412	3/4	250	1412	3/4	250	
LNAV/VNAV DA	1526	1 1/4	364	1526	1 1/4	364	
LNAV MDA	1600	1	438	1600	1	438	
CIRCLING	1640	1	475	1640	1	475	
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING OMAHA ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OMAHA ALTIMETER SETTING AND INCREASE SEE 8260-10							
CITY AND STATE NEBRASKA CITY, NE		ELEVATION: 1165 TDZE: 1162 AIRPORT NAME: NEBRASKA CITY MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG JUN 5 2008	
						SUP: AMDT: NONE DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

ALL DA 122 FT AND ALL MDA 140 FT, AND INCREASE LPV AND LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PWE VORTAC VIA V307 SOUTHWEST BOUND AND ARRIVALS AT TRAIG VIA V159 SOUTHEAST BOUND.

CITY AND STATE
NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162
AIRPORT NAME:
NEBRASKA CITY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 33, ORIG
JUN 5 2008

SUP:
AMDT: NONE
DATED:

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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KAFK
RW33
0

0
W33A
403605.2615N
0955142.5820W
+03235
403723.6000N
0955238.4300W
00051.6
F
03.00
106.75
1376
40.0
50.0

CRC REMAINDER

740B36BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K3
+03528
+03528

CITY AND STATE

NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162

AIRPORT NAME:

NEBRASKA CITY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

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.

SUSAP KAFKK3SRW33 K3PG 0 18018003525 M

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OJEKE	OJEKE	010		HF	R	FB		326.6(332T)	004.0	03000
	PWE	PWE	010		IF		FB				
	PWE	IZANI	020	IAF	TF		FB	2.0	049.7(055T)	020.5	04000
	PWE	OJEKE	030		TF		FB	1.0	056.5(062T)	005.0	03000
	TRAIG	TRAIG	010		IF		FB				
	TRAIG	AVATY	020	IAF	TF		FB	2.0	280.6(286T)	021.1	04000
	TRAIG	OJEKE	030		TF		FB	1.0	236.6(242T)	005.0	03000
		OJEKE	010	FACF	IF		FB				03000
		VIPRY	020	FAF	TF		FB	0.5	326.6(332T)	006.3	02800
		RW33	030	MAP	TF		FO	0.3	326.5(332T)	004.9	01209

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JUPMO	040		DF		FO	1.0			03000
	JUPMO	050		HM	R	FO	2.0	146.4(151T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PWE	N401201.30	W0961222.63	N4012.022	W09612.377
	AVATY	N402836.92	W0953856.78	N4028.615	W09538.946
	IZANI	N402351.07	W0955027.81	N4023.851	W09550.464
	JUPMO	N404634.91	W0955912.92	N4046.582	W09559.215
	OJEKE	N402614.14	W0954442.50	N4026.236	W09544.708
	TRAIG	N402300.41	W0951221.03	N4023.007	W09512.351
	VIPRY	N403145.19	W0954837.47	N4031.753	W09548.625
	RW33	N403605.26	W0955142.58	N4036.088	W09551.710

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	01157	52

CITY AND STATE
NEBRASKA CITY, NE

ELEVATION: 1165 TDZE: 1162
 AIRPORT NAME:
NEBRASKA CITY MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 33, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - 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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:											
				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: _____						
MINIMUMS															
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 CANCELLED EFFECTIVE JUN 5 2008															
CITY AND STATE		ELEVATION: 1165 TDZE: 1161		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP					
NEBRASKA CITY, NE		AIRPORT NAME: NEBRASKA CITY MUNI		GPS		GPS RWY 33, AMDT 1, 10/08/1998				AMDT		ORIG			
										DATE		07/17/1997			

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, NA - ENVIRONMENTAL

RWY 15, 33 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

NEBRASKA CITY, NE

(6) Airport

NEBRASKA CITY MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
MEPWE (IAF)	DAXZU (NOPT) (FB)	074.02 / 5.32	2700	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 2800 DIRECT AVFAL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 342.65 INBOUND. CHART FAS OBST: 1309 TREE 405714N/0955504W CHART FAS OBST: 1269 TREE 405730N/0955522W 1379 AAO 410041N/0955511W DISTANCE TO THLD FROM 250 HAT: 0.70 NM. CHART VDP AT 1.04 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 45800 REFERENCE PATH ID: W16A								
DAXZU (IF/IAF)	OYEDI (FB)	162.59 / 6.00	2200									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N DAXZU, RT, 162.59 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 162.61 FAF: OYEDI DIST FAF TO MAP: 3.03 THLD: 3.03 4. MIN. ALT: DAXZU 2700, OYEDI 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: OYEDI _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 39.3 34:1 IS CLEAR 8. MSA FROM: RW16 3800				MAG VAR: 5E EPOCH YEAR: 2000								
MINIMUMS												
TAKEOFF: ☒ STANDARD	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
LPV DA	1452	1	250	1452	1	250		NA				
LNAV/VNAV DA	1539	1 1/4	337	1539	1 1/4	337		NA				
LNAV MDA	1560	1	358	1560	1	358		NA				
CIRCLING	1640	1	436	1660	1	456		NA				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING OFFUTT AFB ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEPWE VIA V138 SOUTHWEST BOUND. SEE 8260-10												
CITY AND STATE		ELEVATION: 1204 TDZE: 1202		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
PLATTSMOUTH, NE		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 16, AMDT 1		AMDT: ORIG				
		PLATTSMOUTH MUNI				JUN 5 2008		DATED 09/28/2006				

**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 NOTE: VDP NA WHEN USING OFFUTT AFB ALTIMETER SETTING.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OFFUTT AFB ALTIMETER SETTING, INCREASE ALL DAS 45 FEET AND ALL MDAS 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.**

CITY AND STATE

PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1202

AIRPORT NAME:

PLATTSMOUTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 09/28/2006

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPMV
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	405720.6700N
LTP/FTP LONGITUDE	0955510.1600W
LTP/FTP ELLIPSOIDAL HEIGHT	+03349
FPAP LATITUDE	405553.5900N
FPAP LONGITUDE	0955444.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00039.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7CD10D92

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03622
FPAP ORTHOMETRIC HEIGHT	+03622

CITY AND STATE PLATTSMOUTH, NE	ELEVATION: 1204 TDZE: 1202 AIRPORT NAME: PLATTSMOUTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG DATED: 09/28/2008



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.

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPMVK3FR16	ADAXZU	010DAXZUK3EA0EE	CR	HF			16260040	+ 02700	18000			A JS	
SUSAP KPMVK3FR16	AMEPWE	010MEPWEK3EA0E	A	IF					18000			A JS	
SUSAP KPMVK3FR16	AMEPWE	020DAXZUK3EA0EE		010TF			07400053	+ 02700				A JS	
SUSAP KPMVK3FR16	R	010DAXZUK3EA0E	I	IF				+ 02700	18000			A JS	
SUSAP KPMVK3FR16	R	020OYEDIK3EA1E	F	051TF			16260060	+ 02200			RW16	K3PGA	JS
SUSAP KPMVK3FR16	R	020OYEDIK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KPMVK3FR16	R	030RW16 K3PGOGY	M	031TF			16260030		01227	-300		A JS	
SUSAP KPMVK3FR16	R	040AVFALK3EA0EYM		010DF				+ 02800				A JS	
SUSAP KPMVK3FR16	R	050AVFALK3EA0EE		HR020HM			34270040	+ 02800				A JS	

[illegible][illegible][illegible]

SUP:	
AMDT:	ORIG
DATED:	09/28/200

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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SUSAP KPMVR3SRW16 K3PG

0 18018003825

M

CITY AND STATE

PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1202

AIRPORT NAME:

PLATTSMOUTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 09/28/2006

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

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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
	DAXZU	DAXZU	010		HF	R	FB		162.6 (168T)	004.0	02700
	MEPWE	MEPWE	010	IAF	IF		FB				
	MEPWE	DAXZU	020		TF		FB	1.0	074.0 (079T)	005.3	02700
		DAXZU	010	FACF	IF		FB				02700
		OYEDI	020	FAF	TF		FB	0.5	162.6 (168T)	006.0	02200
		RW16	030	MAP	TF		FO	0.3	162.6 (168T)	003.0	01227

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AVFAL	040		DF		FO	1.0			02800
	AVFAL	050		HM	R	FO	2.0	342.7 (348T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVFAL	N404552.47	W0955151.45	N4045.875	W09551.858
	DAXZU	N410610.16	W0955743.81	N4106.169	W09557.730
	MEPWE	N410509.57	W0960437.99	N4105.160	W09604.633
	OYEDI	N410018.22	W0955601.60	N4100.304	W09556.027
	RW16	N405720.67	W0955510.16	N4057.345	W09555.169

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW16	01188		39

CITY AND STATE
PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1202
 AIRPORT NAME:
 PLATTSMOUTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 16, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 09/28/2006



PAGE 1 OF 6 PAGES

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

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NOTES CONT.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING OFFUTT AFB ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OFFUTT AFB ALTIMETER SETTING, AND INCREASE ALL DAS 45 FEET AND ALL MDAS 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CITY AND STATE

PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1204

AIRPORT NAME:

PLATTSMOUTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 01/18/2007

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPMV
RUNWAY RW34
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W34A
LTP/FTP LATITUDE 405627.5900N
LTP/FTP LONGITUDE 0955454.7900W
LTP/FTP ELLIPSOIDAL HEIGHT +03397
FPAP LATITUDE 405754.6700N
FPAP LONGITUDE 0955520.0100W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

3BA5D68E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03671
FPAP ORTHOMETRIC HEIGHT +03671

CITY AND STATE
PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1204
AIRPORT NAME:
PLATTSMOUTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 01/18/2007

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

[illegible]

CITY AND STATE PLATTSMOUTH, NE	ELEVATION: 1204 TDZE: 1204 AIRPORT NAME: PLATTSMOUTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 01/18/2007

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

[illegible]

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AVFAL	AVFAL	010		HF	R	FB		342.7(348T)	004.0	02800
	PANNY	PANNY	010		IF		FB				
	PANNY	LEYUF	020	IAF	TF		FB	2.0	068.6(074T)	024.4	03000
	PANNY	AVFAL	030		TF		FB	1.0	072.6(078T)	005.0	02800
	VIKKI	VIKKI	010		IF		FB				
	VIKKI	JINWU	020	IAF	TF		FB	2.0	284.0(289T)	016.6	03000
	VIKKI	AVFAL	030		TF		FB	1.0	252.7(258T)	005.0	02800
		AVFAL	010	FACF	IF		FB				02800
		VESZE	020	FAF	TF		FB	0.5	342.7(348T)	006.0	02800
		RW34	030	MAP	TF		FO	0.3	342.6(348T)	004.8	01244

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DAXZU	040		DF		FO	1.0			02800
	DAXZU	050		HM	R	FO	2.0	162.6(168T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVFAL	N404552.47	W0955151.45	N4045.875	W09551.858
	DAXZU	N410610.16	W0955743.81	N4106.169	W09557.730
	JINWU	N404656.50	W0954525.67	N4046.942	W09545.428
	LEYUF	N404448.09	W0955817.03	N4044.802	W09558.284
	PANNY	N403759.29	W0962905.81	N4037.988	W09629.097
	VESZE	N405144.92	W0955333.07	N4051.749	W09553.551
	VIKKI	N404135.17	W0952449.94	N4041.586	W09524.832
	RW34	N405627.59	W0955454.79	N4056.460	W09554.913

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	01204	40

CITY AND STATE
 PLATTSMOUTH, NE

ELEVATION: 1204 TDZE: 1204
 AIRPORT NAME:
 PLATTSMOUTH MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 34, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 01/18/2007

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										MISSSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: PMV NDB							
OVR VORTAC		PMV NDB		202.82 / 15.60				2900		CLIMB TO 2800 THEN LEFT TURN DIRECT PMV NDB AND HOLD.							
										ADDITIONAL FLIGHT DATA: HOLD S, LT, 356.69 INBOUND. FAS OBST: 1479 AAO 405310N/0965702W CHART: AIRPORT ELEVATION 1204 CHART: TDZ ELEVATION 1204 FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.							
1. PT <u>R</u> SIDE OF COURSE <u>176.69</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>PMV NDB</u> (IAF) 2. _____ 3. FAC <u>356.69</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 5. MSA FROM: <u>PMV NDB 3800</u>														MAG VAR: 5E		EPOCH YEAR: 2000	
MINIMUMS																	
TAKEOFF: ☒ STANDARD		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-34	1840	1	636	1840	1	636		NA			NA						
CIRCLING	1840	1	636	1840	1	636		NA			NA						
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OFFUTT AFB ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.																	
CITY AND STATE		ELEVATION: 1204 TOZE: 1204		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP							
PLATTSMOUTH, NE		AIRPORT NAME:		PMV		NDB RWY 34, AMDT 1				AMDT ORIG							
		PLATTSMOUTH MUNI				JUN 5 2008				DATE 02/19/04							

**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- TITLE 14 CFR PART 97.31**

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Initial approach minimum altitude(s) shall correspond with those established for enroute operation in the particular area or as set forth below. Positive identification must be established with the radar controller. From initial contact with radar to final authorized landing minimums, the instructions of the radar controller are mandatory except when; (A) Visual contact is established on final approach at or before descent to the authorized landing minimums; or (B) at pilot's discretion if it appears desirable to discontinue the approach.

Except when the radar controller may direct otherwise prior to final approach, a missed approach shall be executed as provided below when; (A) communications on final approach is lost for more than 5 seconds during a precision approach, or for more than 30 seconds during a surveillance approach; (B) directed by radar controllers; (C) visual contact is not established upon descent to authorized landing minimums; or (D) if landing is not accomplished.

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES (Sectors and distances measured from radar antenna)												MISSED APPROACH	
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP: PAR RWY 34: DA ASR RWY 16: 1 MILE FROM THLD ASR RWY 34: 1 MILE FROM THLD	
												<u>RWY 16: CLIMB TO 3000 VIA PSM VOR/DME R-162 TO SHOLS INT/PSM 12 DME AND HOLD; HOLD S, RT, 342 INBOUND; OR WHEN DIRECTED BY ATC, CLIMB TO 2000, THEN AS DIRECTED BY ATC.</u> <u>RWY 34: CLIMB TO 3000 VIA PSM VOR/DME R- 354 TO ROCHS INT/PSM 12 DME AND HOLD; HOLD N, RT, 174 INBOUND; OR WHEN DIRECTED BY ATC, CLIMB TO 2000, THEN AS DIRECTED BY ATC.</u>	
AS ESTABLISHED BY THE CURRENT BOSTON ASR MINIMUM VECTORING ALTITUDE CHART.													

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	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA	DH/MDA	V I S	HAT/HAA
PAR S - 34	284	2400	200	284	2400	200	284	2400	200	284	2400	200	284	2400	200
ASR S - 34	560	4000	476	560	4000	476	560	4000	476	560	5000	476	560	6000	476
ASR S - 16	520	4000	420	520	4000	420	520	4000	420	520	5000	420	520	5000	420
CIRCLING	560	1 1/4	460	560	1 1/4	460	560	1 1/2	460	680	2	580	720	2 1/4	620

NOTES:
PAR RWY 34: FAF 5.72 MILES FROM THRESHOLD, GLIDESLOPE INTERCEPT ALTITUDE 2000, FINAL APPROACH COURSE 345.
ASR RWY 16: FAF 6 .00 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2000; FINAL APPROACH COURSE 165. RECOMMENDED ALTITUDE 5 MILES 1700, 4 MILES 1380, 3 MILES 1080, 2 MILES 760.
ASR RWY 34: FAF 6 .00 MILES FROM THRESHOLD, MINIMUM ALTITUDE 2000; FINAL APPROACH COURSE 345. RECOMMENDED ALTITUDE 5 MILES 1700, 4 MILES 1380, 3 MILES 1080, 2 MILES 760.
CHART NOTE: CIRCLING NA EAST OF RWY 16/34.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE PAR S-34 CAT E VISIBILITY TO RVR 4000, ASR S-34 CAT E VISIBILITY TO 1 3/4.
CHART NOTE: FOR INOPERATIVE MALSR INCREASE ASR S-16 CAT D VISIBILITY TO RVR 5000 AND CAT E TO 1 1/2.
LOST COMMUNICATIONS (ALL RWYS): AS DIRECTED BY ATC ON INITIAL CONTACT.

ADDITIONAL FLIGHT DATA
TDZE: 100 RWY: 16 TDZE: 84 RWY: 34
TDZE: RWY: TDZE: RWY:

FAS OBST:
ASR RWY 16 - 259 TREE 431000.00N/0705228.00W

ASR RWY 34 - 292 TOWERS 430303.00N/0704608.00W

PAR RWY 34: GS 3.00/ TCH 64/ RPI 1221
MAG VAR: 16 W EPOCH YEAR: 2005

CITY AND STATE	ELEVATION: 100	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
PORTSMOUTH, NH	AIRPORT NAME: PORTSMOUTH INTL AT PEASE	PSM RADAR	JUN -5 2008 RADAR-1, AMDT 1	AMDT: ORIG
				DATED: 03/01/95

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MUGZY	PEPLE (FB)	188.35 / 6.58	3100	LNAV: MANTU
SAX VORTAC	NOLAA (FB)	229.89 / 18.39	3000	
NOLAA (IAF)	HOPED (NOPT) (FB)	319.38 / 5.00	3000	CLIMBING LEFT TURN TO 3000 DIRECT HOPED AND HOLD.
PEPLE (IAF)	HOPED (NOPT) (FB)	139.26 / 4.00	3000	
HOPED (IF/IAF)	LYART (FB)	049.32 / 5.00	2300	ADDITIONAL FLIGHT DATA: FAS OBST: 1289 AAO 405735N/0744440W 1459 AAO 405538N/0744737W LYART TO RW03: 3.16/40 FAC CROSSES RWY C/L EXTENDED 736 FROM THLD.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW HOPED, RT, 049.32 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 049.32 FAF: LYART DIST FAF TO MAP: 4.88 THLD: 5.00
- MIN. ALT: HOPED 3000, LYART 2300, AXULE/3.50 NM TO MANTU 1820
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: MANTU 3400

MAG VAR: 13W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A										@
CATEGORY =====>		A			B			C			D			E									
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA								
LNAV MDA	1340	1	757		NA			NA			NA												
CIRCLING	1560	1 1/4	977		NA			NA			NA												
				</																			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT EXCEPT BY PRIOR ARRANGEMENT FOR RUNWAY LIGHTS.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE
 SEE 8260-10

® CAT A 1000-2
 ® NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ANDOVER, NJ	ELEVATION: 583 TDZE: 583 AIRPORT NAME: AEROFLEX-ANDOVER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1 JUN - 5 2008	SUP: RNAV (GPS) RWY 03 AMDT: ORIG DATED 05/15/2003

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

ALL MDA 120 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SAX VORTAC AIRWAY RADIALS 185 CW 252 AND AT MUGZY VIA V226 NORTHWEST BOUND.

CITY AND STATE

ANDOVER, NJ

ELEVATION: 583 TDZE: 583

AIRPORT NAME:

AEROFLEX-ANDOVER

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, AMDT 1

JUN - 5 2008

SUP: RNAV (GPS) RWY 03

AMDT: ORIG

DATED: 05/15/2003

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 12N K6FR03	AHOPED	010HOPEDK6EA0EE	CR	HF			04930050	+	03000	18000		P JS	
SUSAP 12N K6FR03	AMUGZY	010MUGZYK6EA0E		IF						18000		P JS	
SUSAP 12N K6FR03	AMUGZY	020PEPLEK6EA0E	A	020TF			18840066	+	03100			P JS	
SUSAP 12N K6FR03	AMUGZY	030HOPEDK6EA0EE		010TF			13930040	+	03000			P JS	
SUSAP 12N K6FR03	ASAX	010SAX K6D 0V		IF						18000		P JS	
SUSAP 12N K6FR03	ASAX	020NOLAAK6EA0E	A	020TF			22990184	+	03000			P JS	
SUSAP 12N K6FR03	ASAX	030HOPEDK6EA0EE		010TF			31940050	+	03000			P JS	
SUSAP 12N K6FR03	R	010HOPEDK6EA0E	I	IF				+	03000	18000		P JS	
SUSAP 12N K6FR03	R	020LYARTK6EA1E	F	051TF			04930050	+	02300		MANTU K6EAP	JS	
SUSAP 12N K6FR03	R	020LYARTK6EA2WN			N	ALNAV						JS	
SUSAP 12N K6FR03	R	021AXULEK6EA0E	S	031TF			04930019	V	0182001848	-316		P JS	
SUSAP 12N K6FR03	R	030MANTUK6EA0EY	M	031TF			04930035		00622	-316		P JS	
SUSAP 12N K6FR03	R	040HOPEDK6EA0EYM	L010DF					+	03000			P JS	
SUSAP 12N K6FR03	R	050HOPEDK6EA0EE	HR020HM				04930040	+	03000			P JS	

CITY AND STATE ANDOVER, NJ	ELEVATION: 583 TDZE: 583 AIRPORT NAME: AEROFLEX-ANDOVER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 1 JUN - 5 2008	SUP: RNAV (GPS) RWY 03
				AMDT: ORIG
				DATED: 05/15/2003

003 QUALITY
8 2
CHECKED

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

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

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP 12N K6GRW03	0019810344	N41002192W074442163	+0144500582000040050R									

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP 12N K6SMANTUK6EA	0	18018003425	M									

CITY AND STATE
ANDOVER, NJ

ELEVATION: 583 TDZE: 583
AIRPORT NAME:
AEROFLEX-ANDOVER

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, AMDT 1
JUN - 5 2008

SUP: RNAV (GPS) RWY 03
AMDT: ORIG
DATED: 05/15/2003

QUALITY
 2
 CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOPED	HOPED	010		HF	R	FB		049.3 (036T)	005.0	03000
	MUGZY	MUGZY	010		IF		FB				
	MUGZY	PEPLE	020	IAF	TF		FB	2.0	188.4 (175T)	006.6	03100
	MUGZY	HOPED	030		TF		FB	1.0	139.3 (126T)	004.0	03000
	SAX	SAX	010		IF		FB				
	SAX	NOLAA	020	IAF	TF		FB	2.0	229.9 (217T)	018.4	03000
	SAX	HOPED	030		TF		FB	1.0	319.4 (306T)	005.0	03000
		HOPED	010	FACF	IF		FB				03000
		LYART	020	FAF	TF		FB	0.5	049.3 (036T)	005.0	02300
		AXULE	021	SDF	TF		FB	0.3	049.3 (036T)	001.4	01820
		MANTU	030	MAP	TF		FO	0.3	049.3 (036T)	003.5	00622

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOPED	040		DF	L	FO	1.0			03000
	HOPED	050		HM	R	FO	2.0	049.3 (036T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAX	N410403.05	W0743217.97	N4104.051	W07432.300
	AXULE	N405725.90	W0744709.45	N4057.432	W07447.158
	HOPED	N405217.19	W0745208.75	N4052.287	W07452.146
	LYART	N405619.14	W0744814.18	N4056.319	W07448.236
	MANTU	N410015.15	W0744425.13	N4100.253	W07444.419
	MUGZY	N410148.46	W0745809.70	N4101.808	W07458.162
	NOLAA	N404919.27	W0744650.36	N4049.321	W07446.839
	PEPLE	N405514.83	W0745727.53	N4055.247	W07457.459
	RW03	N410021.92	W0744421.63	N4100.365	W07444.361

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW03	00582		40

CITY AND STATE
ANDOVER, NJ

ELEVATION: 583 TDZE: 583
 AIRPORT NAME:
AEROFLEX-ANDOVER

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, AMDT 1
JUN - 5 2008

SUP: **RNAV (GPS) RWY 03**
 AMDT: **ORIG**
 DATED: **05/15/2003**

QUALITY
 2
 CHECKED

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, 21, 26, 30, 35 STANDARD.

RWY 3, 200 - 1 OR STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 5600, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DEPARTURE END OF RWY.

RWY 8, STANDARD WITH MINIMUM CLIMB OF 515 FT PER NM TO 7800.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3, 30, 35 - CLIMBING LEFT TURN DIRECT ABQ VORTAC. IF REQUIRED, CONTINUE CLIMB IN ABQ VORTAC HOLDING PATTERN (HOLD W, LT, 077.00 INBOUND) TO CROSS ABQ VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

RWY 8 - CLIMBING RIGHT TURN DIRECT ABQ VORTAC. IF REQUIRED, CONTINUE CLIMB IN ABQ VORTAC HOLDING PATTERN (HOLD W, LT, 077.00 INBOUND) TO CROSS ABQ VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT. (DO NOT EXCEED 250 KTS UNTIL ABQ VORTAC.)

RWY 12, 17, 21 - CLIMBING RIGHT TURN DIRECT ABQ VORTAC. IF REQUIRED, CONTINUE CLIMB IN ABQ VORTAC HOLDING PATTERN (HOLD W, LT, 077.00 INBOUND) TO CROSS ABQ VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

RWY 26 - CLIMB DIRECT ABQ VORTAC. IF REQUIRED, CONTINUE CLIMB IN ABQ VORTAC HOLDING PATTERN (HOLD W, LT, 077.00 INBOUND) TO CROSS ABQ VORTAC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, LIGHT 549' FROM DER, 575' RIGHT OF CENTERLINE, 29' AGL / 5344' MSL. LIGHT 2109' FROM DER, 1001' LEFT OF CENTERLINE, 67' AGL / 5382' MSL. MULTIPLE TANKS BEGINNING 4962' FROM DER, 1708' LEFT OF CENTERLINE, UP TO 154' AGL / 5469' MSL. NOTE: RWY 12, ELECTRICAL EQUIPMENT 36' FROM DER, 214' RIGHT OF CENTERLINE, 20' AGL / 5315' MSL. NOTE: RWY 17, LIGHT 114' FROM DER, 360' RIGHT OF CENTERLINE, 19' AGL / 5328' MSL. POLE 248' FROM DER, 423' LEFT OF CENTERLINE, 32' AGL / 5321' MSL. NOTE: RWY 21, TERRAIN BEGINNING 23' FROM DER, 277' LEFT TO 291' RIGHT OF CENTERLINE, UP TO 5319' MSL. NOTE: RWY 30, TOWER 1057' FROM DER, 743' RIGHT OF CENTERLINE, 93' AGL / 5393' MSL.

(CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 3: 5469 MSL TANK 350317.20N-1063557.84W, 10897 MSL TOWER 351249.89N-1062703.38W

RWY 8: 7158 MSL AAO 350130.00N-1062903.00W, 10897 MSL TOWER 351249.89N-1062703.38W

RWY 12: 10897 MSL TOWER 351249.89N-1062703.38W

RWY 17: 10897 MSL TOWER 351249.89N-1062703.38W

(CONTINUED ON PAGE 2)

(5) City, State

ALBUQUERQUE, NM

(6) Airport

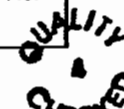
ALBUQUERQUE INTL SUNPORT

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

5



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

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

NOTE: RWY 35, LIGHT ON FENCE 106' FROM DER, 11' RIGHT OF CENTERLINE, 11' AGL / 5326' MSL. SIGN 165' FROM DER, 140' LEFT OF CENTERLINE, 13' AGL / 5328' MSL. VEHICLES ON ROAD 215' FROM DER, FROM LEFT TO RIGHT OF CENTERLINE, UP TO 15' AGL / 5335' MSL. MULTIPLE TREES BEGINNING 314' FROM DER, 53' LEFT OF CENTERLINE, UP TO 50' AGL / 5367' MSL. MULTIPLE TREES BEGINNING 329' FROM DER, 172' RIGHT OF CENTERLINE, UP TO 50' AGL / 5362' MSL. TOWER 3208' FROM DER, 860' RIGHT OF CENTERLINE, 100' AGL / 5410' MSL.

(4) CONTROLLING OBSTACLES: (CONT'D)

RWY 21: 10897 MSL TOWER 351249.89N-1062703.38W
RWY 26: 10897 MSL TOWER 351249.89N-1062703.38W
RWY 30: 10897 MSL TOWER 351249.89N-1062703.38W
RWY 35: 10897 MSL TOWER 351249.89N-1062703.38W

City, State ALBUQUERQUE, NM		Airport ALBUQUERQUE INTL SUNPORT		Effective Date JUN 5 2008		Amdt. No. 5	
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date		

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.25

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ELZ VORTAC	EANEY OM/INT	322.94 / 19.25	4800	MAP: 4.71 MILES AFTER EANEY OM/INT CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 4500 DIRECT ELZ VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 106.00 INBOUND. CHART FAS OBST: 2259 TREE 421711N/0782035W EANEY OM/INT TO RW22: 3.09/40.

1. PT L SIDE OF COURSE 043.20 OUTBOUND 3700 FT WITHIN 10 MILES OF EANEY OM /INT (IAF)
2. _____
3. FAC 223.20 FAF EANEY OM/INT DIST FAF TO MAP 4.71 THLD 4.71
4. MIN. ALT EANEY OM/INT 3700
8. MSA FROM: ELZ VORTAC 3900

MAG VAR: 11W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		X							
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-22		2520	1	388	2520	1	388	2520	1	388	2520	1 1/4	388			
CIRCLING		2620	1	485	2620	1	485	2620	1 1/2	485	2700	2	565			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BRADFORD, PA ALTIMETER SETTING AND INCREASE ALL MDAS 80 FT AND S-22 CAT C AND D VISIBILITY 1/4 MILE.

CITY AND STATE OLEAN, NY	ELEVATION: 2135 TDZE: 2132 AIRPORT NAME: CATTARAUGUS COUNTY-OLEAN	FACILITY IDENTIFIER: I-OLE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC RWY 22, AMDT 6 JUN - 5 2008	SUP AMDT 5B DATE 11/25/2004



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
CXR VOR/DME	SERLE INT/I-CLE 13.73 DME/RADAR	255.48 / 43.50	3100	ILS: DA LOC: 6.10 MILES AFTER TUBOE INT/I-CLE 7.71 DME/RADAR OR AT I-CLE 1.61 DME FIX CLIMBING RIGHT TURN TO 3000 VIA HEADING 072 AND CXR VOR/DME R-265 TO LEBRN INT/CXR 22.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMBING RIGHT TURN TO 3000 VIA HEADING 072 AND DJB VOR/DME R-081 TO LEBRN INT/DJB 24.08 DME AND HOLD E, RT, 261.27 INBOUND. ADDITIONAL FLIGHT DATA: HOLD E, RT, 265.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E LEBRN INT/DJB 24.08 DME, RT, 261.27 INBOUND. CHART FAS OBST: 881 STACK 412034N/0815614W FAS OBST: 989 AAO 412206N/0815642W CHART: 921 T-L TOWER 412105N/0815822W CHART VDP AT 2.62 DME; DISTANCE VDP TO THLD 1.01 MILES.											
DJB VOR/DME	SERLE INT/I-CLE 13.73 DME/RADAR	146.31 / 6.69	3000												
SERLE INT/I-CLE 13.73 DME/RADAR (IF/AF)	TUBOE INT/I-CLE 7.71 DME/RADAR	056.95 / 6.02 (I-CLE)	2800												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW SERLE, RT, 056.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>056.95</u> FAF: <u>TUBOE INT/I-CLE 7.71 DME/RADAR</u> DIST FAF TO MAP: <u>6.10</u> THLD: <u>6.10</u> 4. MIN. ALT: <u>SERLE 3000, TUBOE 2800</u> 5. DIST TO THLD FROM OM: <u>6.10</u> MM: <u>-</u> IM: <u>1080</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1020</u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>TUBOE INT/I-CLE 7.71 DME/RADAR CONT.</u> OM: <u>-</u> MM: <u>-</u> IM: <u>880</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.6</u> 8. MSA FROM: <u>DJB VOR/DME 360-180 3100, 180-360 2700</u>				MAG VAR: <u>7W</u> EPOCH YEAR: <u>1990</u>											
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 6R	977	1800	200	977	1800	200	977	1800	200	977	1800	200			
S-LOC 6R	1140	2400	363	1140	2400	363	1140	2400	363	1140	4000	363			
SIDESTEP 6L	1140	6000	367	1140	6000	367	1140	6000	367	1140	1 3/4	367			
CIRCLING	1300	1	509	1300	1	509	1300	1 1/2	509	1360	2	569			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP 6L CATS A AND B. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.															
CITY AND STATE		ELEVATION: 791		TDZE: 6R 777		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
CLEVELAND, OH		AIRPORT NAME:		TDZE: 6L 773		I-CLE		ILS OR LOC RWY 6R, AMDT 20				AMDT: 19C			
		CLEVELAND-HOPKINS INTL						JUN -5 2008				DATED 10/31/2006			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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LINE 6 GS ALT AT CONT. 2800

CITY AND STATE CLEVELAND, OH	ELEVATION: 791 AIRPORT NAME: CLEVELAND-HOPKINS INTL	TDZE: 6R 777 TDZE: 6L 773	FACILITY IDENTIFIER: I-CLE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 6R, AMDT 20 JUN -5 2008	SUP:
					AMDT: 19C
					DATED: 10/31/2006

U.S. Department of Transportation
Federal Aviation Administration

LDA - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR 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 visibility which are in statute miles or in feet RVR.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BRAZY/17.37 DME(IF)	ELLEM/14.37 DME	054.45/3.00 (I-EYU)	5000*	LDA/GS: JMARK/4.42 DME
				CLIMBING RIGHT TURN TO 3100 VIA HEADING 150 AND DJB VOR/DME R-096 TO IXORE INT/DJB 25.52 DME AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 095.89 INBOUND. CHART: LDA/AZIMUTH OFFSET 2.5 DEGREES. LOCALIZER COURSE 1168 FT RIGHT OF RWY C/L EXTENDED 3000 FT FROM THRESHOLD.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT BRAZY
3. FAC: 054.45 FAF: DIST FAF TO MAP: - THLD: -
4. MIN. ALT: BRAZY 5000, ELLEM 5000*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2800 GS ALT AT: ELLEM 5000, DJOE/7.81 DME 2800 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 56.6
8. MSA FROM: DJB VOR/DME 360-180 3100, 180-360 2700

MAG VAR: 7W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	X								
CATEGORY =====>		A			B			C			D			E		
		DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
S-LDA/GS 6R		1691	3	914	1691	3	914	1691	3	914		NA				

NOTES: CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 5000.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE: LDA/GLIDESLOPE.
SEE 8260-10

CITY AND STATE	ELEVATION: 791 TDZE: 777	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLEVELAND, OH	AIRPORT NAME: CLEVELAND-HOPKINS INTL	I-EYU	LDA/DME RWY 6R, AMDT 1	AMDT: ORIG
				DATE 05/12/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LDA/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES

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NOTES CONTINUED:

CHART NOTE: RUNWAY 6L AND 6R SEPARATED BY 1241 FEET CENTERLINE TO CENTERLINE.
CHART NOTE: PROCEDURE NA WHEN GLIDESLOPE NOT AVAILABLE.
CHART PROFILE NOTE: VGSI AND LDA GLIDEPATH NOT COINCIDENT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CITY AND STATE	ELEVATION: 791 TDZE: 777	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CLEVELAND, OH	AIRPORT NAME: CLEVELAND-HOPKINS INTL	I-EYU	JUN -5 2008 LDA/DME RWY 6R, AMDT 1	AMDT: ORIG
				DATED: 05/12/2005

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

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TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE			ALTITUDE										
CXZ VOR/DME		SERLE (FO)		257.48 / 43.50			3100		LPV: DA LNAV/VNAV: DA LNAV: RW06R								
DJB VOR/DME (IAF)		SERLE (NOPT) (FB)		148.31 / 6.69			3000		CLIMB TO 3000 DIRECT MOMBE AND VIA 098.37 TRACK TO LEBRN AND HOLD.								
SERLE (IF/IAF)		TUBOE (FB)		056.82 / 6.02			2800										
										ADDITIONAL FLIGHT DATA: HOLD E, RT, 278.37 INBOUND. CHART FAS OBST: 928 TOWER 412255N/0815237W FAS OBST: 999 AAO 411959N/0815628W DISTANCE TO THLD FROM 327 HAT: 0.88 NM. CHART VDP AT 1.38 MILES TO RW06R* *LNAV ONLY. WAAS CHANNEL # 81806 REFERENCE PATH ID: W06B							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 7W EPOCH YEAR: 1990							
2. HOLD SW SERLE, RT, 056.82 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																	
3. FAC: 056.88 FAF: TUBOE _____ DIST FAF TO MAP: 6.10 THLD: 6.10																	
4. MIN. ALT: SERLE 3000, TUBOE 2800																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 2800 GS ALT AT: TUBOE _____ OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: 56.6 34:1 IS CLEAR																	
8. MSA FROM: RW06R 3100																	
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		1104	4000	327	1104	4000	327	1104	4000	327	1104	4000	327				
LNAV/VNAV DA		1215	5000	438	1215	5000	438	1215	5000	438	1215	5000	438				
LNAV MDA		1260	2400	483	1260	2400	483	1260	4000	483	1260	5000	483				
CIRCLING																	
		1300	1	509	1300	1	509	1300	1 1/2	509	1360	2	569				
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CXZ VOR/DME VIA V486 EASTBOUND AND ARRIVALS AT SEE 8260-10																	
CITY AND STATE CLEVELAND, OH				ELEVATION: 791 TDZE: 777 AIRPORT NAME: CLEVELAND-HOPKINS INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6R, AMDT 2 JUN -5 2008				SUP: AMDT: 1A DATED 06/22/2006			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

DJB VOR/DME VIA AIRWAY RADIALS 096 CW 183.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE

CLEVELAND, OH

ELEVATION: 791 TDZE: 777

AIRPORT NAME:

CLEVELAND-HOPKINS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 6R, AMDT 2

JUN -5 2008

SUP:

AMDT: 1A

DATED: 06/22/2006

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCLE
RUNWAY RW06R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W06B
REFERENCE PATH IDENTIFIER (APPROACH ID) 412404.1000N
LTP/FTP LATITUDE 0815152.0300W
LTP/FTP LONGITUDE +02031
LTP/FTP ELLIPSOIDAL HEIGHT 412501.3000N
FPAP LATITUDE 0815021.6200W
FPAP LONGITUDE 00056.6
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0000
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

4B99AB26

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02339
FPAP ORTHOMETRIC HEIGHT +02339

CITY AND STATE

CLEVELAND, OH

ELEVATION: 791

TDZE: 777

AIRPORT NAME:

CLEVELAND-HOPKINS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) RWY 6R, AMDT 2

JUN - 5 2008

SUP:

AMDT: 1A

DATED: 06/22/2006

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	5	7	8	9	0	1	2	3
SUSAP	KCLEK5FR06R	ACXR	010CXR	K5D 0V	IF					18000		A JS	
SUSAP	KCLEK5FR06R	ACXR	020SERLEK5EA0EY	A 020TF		25750435	+	03100				A JS	
SUSAP	KCLEK5FR06R	ACXR	030SERLEK5EA0EB	CR HF		05680040	+	03000				A JS	
SUSAP	KCLEK5FR06R	ADJB	010DJB	K5D 0V A	IF					18000		A JS	
SUSAP	KCLEK5FR06R	ADJB	020SERLEK5EA0EE	010TF		14830067	+	03000				A JS	
SUSAP	KCLEK5FR06R	R	010SERLEK5EA0E	I IF			+	03000		18000		A JS	
SUSAP	KCLEK5FR06R	R	020TUBOEK5EA1E	F 051TF		05680060	+	02800			RW06R K5PGA	JS	
SUSAP	KCLEK5FR06R	R	020TUBOEK5EA2WALPV		ALNAV/VNAV ALNAV							JS	
SUSAP	KCLEK5FR06R	R	030RW06RK5PG0GY	M 031TF		05690061		00824		-300		A JS	
SUSAP	KCLEK5FR06R	R	040MOMBEK5EA0E	M 010DF								A JS	
SUSAP	KCLEK5FR06R	R	050LEBRNK5EA0EY	010TF		0984	+	03000				A JS	
SUSAP	KCLEK5FR06R	R	060LEBRNK5EA0EE	HR020HM		27840040	+	03000				A JS	

[illegible]

CITY AND STATE CLEVELAND, OH	ELEVATION: 791 TDZE: 777 AIRPORT NAME: CLEVELAND-HOPKINS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6R, AMDT 2 JUN -5 2008	SUP:
				AMDT: 1A
				DATED: 06/22/2006

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CITY AND STATE CLEVELAND, OH	ELEVATION: 791 TDZE: 777	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6R, AMDT 2 JUN -5 2008	SUP:
	AIRPORT NAME:			AMDT: 1A
	CLEVELAND-HOPKINS INTL			DATED: 06/22/2008

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CXR	CXR	010		IF		FB				
	CXR	SERLE	020	IAF	TF		FO	2.0	257.5 (251T)	043.5	03100
	CXR	SERLE	030		HF	R	FO		056.8 (050T)	004.0	03000
	DJB	DJB	010	IAF	IF		FB				
	DJB	SERLE	020		TF		FB	1.0	148.3 (141T)	006.7	03000
		SERLE	010	FACF	IF		FB				03000
		TUBOE	020	FAF	TF		FB	0.5	056.8 (050T)	006.0	02800
		RW06R	030	MAP	TF		FO	0.3	056.9 (050T)	006.1	00824

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MOMBE	040		DF		FB	1.0			
	LEBRN	050		TF		FO	1.0	098.4 (091T)		03000
	LEBRN	060		HM	R	FO	2.0	278.4 (271T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CXR	N413100.95	W0810947.46	N4131.016	W08109.791
	DJB	N412129.03	W0820943.09	N4121.484	W08209.718
	LEBRN	N412708.01	W0813836.22	N4127.134	W08138.604
	MOMBE	N412717.12	W0814646.62	N4127.285	W08146.777
	SERLE	N411615.35	W0820410.21	N4116.256	W08204.170
	TUBOE	N412008.25	W0815804.04	N4120.138	W08158.067
	RW06R	N412404.10	W0815152.03	N4124.068	W08151.867

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06R	00767	57

CITY AND STATE CLEVELAND, OH	ELEVATION: 791 TDZE: 777	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6R, AMDT 2 JUN -5 2008	SUP:
	AIRPORT NAME: CLEVELAND-HOPKINS INTL			AMDT: 1A
				DATED: 06/22/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
ESSIE	KIRRA (FB)	172.80 / 9.86	2600	LPV: DA LNAV/VNAV: DA LNAV: RW10								
PIZZA	VIBCO (FB)	349.12 / 7.85	2600									
KIRRA (IAF)	MOSQI (FB)	194.19 / 5.00	2600	CLIMB TO 3000 DIRECT PICUM AND HOLD.								
VIBCO (IAF)	MOSQI (FB)	014.17 / 5.00	2600									
MOSQI (IF)	ITTOW (FB)	104.18 / 6.10	2600									
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 284.51 INBOUND. CHART FAS OBST: 1016 TREE 401643N/0830742W CHART FAS OBST: 1089 TREE 401701N/0831016W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.11 MILES TO RW10* *LNAV ONLY. WAAS CHANNEL # 90506 REFERENCE PATH ID: W10A								
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT MOSQI 3. FAC: <u>104.27</u> FAF: <u>ITTOW</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u> 4. MIN. ALT: <u>MOSQI 2600, ITTOW 2600, CODOX/2.30 NM TO RW10 1700*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>ITTOW</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>43.4</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW10 3100</u>				MAG VAR: 6W EPOCH YEAR: 2000								
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
LPV DA	1195	3/4	250	1195	3/4	250	1195	3/4	250	1195	3/4	250
LNAV/VNAV DA	1276	1 1/4	331	1276	1 1/4	331	1276	1 1/4	331	1276	1 1/4	331
LNAV MDA	1340	1	395	1340	1	395	1340	1	395	1340	1 1/4	395
CIRCLING	1460	1	515	1460	1	515	1460	1 1/2	515	1500	2	555
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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ESSIE VIA V279 NORTHWEST BOUND. * LNAV ONLY. SEE 8260-10												
CITY AND STATE		ELEVATION: 945 TDZE: 945		FACILITY IDENTIFIER: RNAV		PROCEDURE NO/AMDT NO/EFFECTIVE DATE:		SUP:				
DELAWARE, OH		AIRPORT NAME:				RNAV (GPS) RWY 10, ORIG		AMDT: NONE				
		DELAWARE MUNI				JUN - 5 2008		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 PORT COLUMBUS INTL ALTIMETER SETTING AND INCREASE ALL DAS 64 FT AND VISIBILITY 1/4 MILE ALL CATS AND ALL MDAS 80FT AND LNAV CATS C AND D VISIBILITIES 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PORT COLUMBUS INTL ALTIMETER SETTING.

CITY AND STATE

DELAWARE, OH

ELEVATION: 945

TDZE: 945

AIRPORT NAME:

DELAWARE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KDLZ
RUNWAY RW10
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W10A
LTP/FTP LATITUDE 401650.5110N
LTP/FTP LONGITUDE 0830725.1970W
LTP/FTP ELLIPSOIDAL HEIGHT +02538
FPAP LATITUDE 401637.5600N
FPAP LONGITUDE 0830530.0200W
THRESHOLD CROSSING HEIGHT (TCH) 00043.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDE PATH 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

8F565DA5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02878
FPAP ORTHOMETRIC HEIGHT +02878

CITY AND STATE

DELAWARE, OH

ELEVATION: 945 TDZE: 945

AIRPORT NAME:

DELAWARE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10, ORIG

JUN -5 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-18[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KDLZK5FR1Q	AESSIE	010	ESSIEK5EA0E	IF						18000		A JS	
SUSAP KDLZK5FR1Q	AESSIE	020	KIRRAK5EA0E	A 020TF			17280099	+ 02600				A JS	
SUSAP KDLZK5FR1Q	AESSIE	030	MOSQIK5EA0EE	010TF			19420050	+ 02600				A JS	
SUSAP KDLZK5FR1Q	APIZZA	010	PIZZAK5EA0E	IF						18000		A JS	
SUSAP KDLZK5FR1Q	APIZZA	020	VIBCOK5EA0E	A 020TF			34910079	+ 02600				A JS	
SUSAP KDLZK5FR1Q	APIZZA	030	MOSQIK5EA0EE	010TF			01420050	+ 02600				A JS	
SUSAP KDLZK5FR1Q	R	010	MOSQIK5EA0E	I IF				+ 02600		18000		A JS	
SUSAP KDLZK5FR1Q	R	020	ITTOWK5EA1E	F 051TF			10420061	+ 02600			RW10	K5PGA	JS
SUSAP KDLZK5FR1Q	R	020	ITTOWK5EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP KDLZK5FR1Q	R	021	CODOXK5EA0E	S 031TF			10430027	V 0170001725		-300		A JS	
SUSAP KDLZK5FR1Q	R	030	RW10 K5PGOGY	M 031TF			10430050	00987		-300		A JS	
SUSAP KDLZK5FR1Q	R	040	PICUMK5EA0EYM	010DF				+ 03000				A JS	
SUSAP KDLZK5FR1Q	R	050	PICUMK5EA0EE	HR02OHM			28450040	+ 03000				A JS	

[illegible]

CITY AND STATE

DELAWARE, OH

ELEVATION: 945 TDZE: 945

AIRPORT NAME:

DELAWARE MUNI

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:

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

CITY AND STATE DELAWARE, OH	ELEVATION: 945 TDZE: 945 AIRPORT NAME: DELAWARE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG JUN -5 2008	SUP:
				AMDT: NONE
				DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	ESSIE	ESSIE	010		IF		FB				
	ESSIE	KIRRA	020	IAF	TF		FB	2.0	172.8(167T)	009.9	02600
	ESSIE	MOSQI	030		TF		FB	1.0	194.2(188T)	005.0	02600
	PIZZA	PIZZA	010		IF		FB				
	PIZZA	VIBCO	020	IAF	TF		FB	2.0	349.1(343T)	007.9	02600
	PIZZA	MOSQI	030		TF		FB	1.0	014.2(008T)	005.0	02600
		MOSQI	010	FACF	IF		FB				02600
		ITTOW	020	FAF	TF		FB	0.5	104.2(098T)	006.1	02600
		CODOX	021	SDF	TF		FB	0.3	104.3(098T)	002.7	01700
		RW10	030	MAP	TF		FO	0.3	104.3(098T)	005.0	00987

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PICUM	040		DF		FO	1.0			03000
	PICUM	050		HM	R	FO	2.0	284.5(279T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CODOX	N401710.50	W0831023.62	N4017.175	W08310.394
	ESSIE	N403300.00	W0832346.82	N4033.000	W08323.780
	ITTOW	N401733.79	W0831352.37	N4017.563	W08313.873
	KIRRA	N402323.35	W0832049.92	N4023.389	W08320.832
	MOSQI	N401826.20	W0832145.78	N4018.437	W08321.763
	PICUM	N401505.75	W0825201.52	N4015.096	W08252.025
	PIZZA	N400558.01	W0831942.91	N4005.967	W08319.715
	VIBCO	N401329.03	W0832241.51	N4013.484	W08322.692
	RW10	N401650.51	W0830725.20	N4016.842	W08307.420

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW10	00944 43

CITY AND STATE
DELAWARE, OH

ELEVATION: 945 TDZE: 945
 AIRPORT NAME:
 DELAWARE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 10, ORIG
 JUN -5 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
MEEKS	ITENY (FB)	138.10 / 24.56	3000	LPV: DA LNAV/VNAV: DA LNAV: RW28 CLIMB TO 2600 DIRECT MOSQI AND HOLD.								
PIZZA	HABNI (FB)	083.95 / 20.97	3100									
ITENY (IAF)	PICUM (FB)	194.52 / 5.00	3000	ADDITIONAL FLIGHT DATA: HOLD W, LT, 104.18 INBOUND. CHART FAS OBST: 1110 TOWER 401612N/0830455W FAS OBST: 1164 AAO 401534N/0830011W DISTANCE TO THLD FROM 265 HAT: 0.70 NM. CHART VDP AT 1.36 MILES TO RW28* *LNAV ONLY. WAAS CHANNEL # 50506 REFERENCE PATH ID: W28A								
HABNI (IAF)	PICUM (FB)	014.50 / 4.85	3000									
PICUM (IF)	WEBUT (FB)	284.51 / 6.10	2600									
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT PICUM 3. FAC: <u>284.42</u> FAF: <u>WEBUT</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u> 4. MIN. ALT: <u>PICUM 3000, WEBUT 2600</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>WEBUT</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>41.8</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW28 3100</u>				MAG VAR: <u>6W</u> EPOCH YEAR: <u>2000</u>								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	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
LPV DA	1210	1	265	1210	1	265	1210	1	265	1210	1	265
LNAV/VNAV DA	1459	1 3/4	514	1459	1 3/4	514	1459	1 3/4	514	1459	1 3/4	514
LNAV MDA	1420	1	475	1420	1	475	1420	1 1/4	475	1420	1 1/2	475
CIRCLING	1460	1	515	1460	1	515	1460	1 1/2	515	1500	2	555
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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEEKS VIA V38 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIZZA VIA V12 WESTBOUND. SEE 8260-10												
CITY AND STATE		ELEVATION: <u>945</u> TDZE: <u>945</u>		FACILITY IDENTIFIER: <u>RNAV</u>		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
<u>DELAWARE, OH</u>		AIRPORT NAME: <u>DELAWARE MUNI</u>				<u>RNAV (GPS) RWY 28, ORIG</u>			AMDT: <u>NONE</u>			
						<u>JUN -5 2008</u>			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 PORT COLUMBUS INTL ALTIMETER SETTING AND INCREASE ALL DAS 64 FT AND VISIBILITY 1/4 MILE ALL CATS AND ALL MDAS 80FT AND LNAV CATS C AND D VISIBILITIES 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING PORT COLUMBUS INTL ALTIMETER SETTING.

CITY AND STATE
DELAWARE, OH

ELEVATION: 945 TDZE: 945
AIRPORT NAME:
DELAWARE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28, ORIG
JUN -5 2008

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KDLZ
RUNWAY RW28
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W28A
LTP/FTP LATITUDE 401643.3430N
LTP/FTP LONGITUDE 0830621.3730W
LTP/FTP ELLIPSOIDAL HEIGHT +02540
FPAP LATITUDE 401656.2700N
FPAP LONGITUDE 0830816.5600W
THRESHOLD CROSSING HEIGHT (TCH) 00041.8
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

285D1603

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02879
FPAP ORTHOMETRIC HEIGHT +02879

CITY AND STATE

DELAWARE, OH

ELEVATION: 945 TDZE: 945

AIRPORT NAME:

DELAWARE MUNI

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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, ORIG

JUN - 5 2008

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[illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KDLZK5ADLZ	0	050YHN40164690W083065330W006000945					1800018000C	MNAR	DELAWARE MUNT				

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDLZK5FR28	AMEEKS	010MEEKS	SK5EAOE	IF					18000		A	JS
SUSAP	KDLZK5FR28	AMEEKS	020ITENYK	5EAOE	A 020TF		13810246	+	03000			A	JS
SUSAP	KDLZK5FR28	AMEEKS	030PICUMK	5EAOEE	010TF		19450050	+	03000			A	JS
SUSAP	KDLZK5FR28	APIZZA	010PIZZAK	5EAOE	IF					18000		A	JS
SUSAP	KDLZK5FR28	APIZZA	020HABNIK	5EAOE	A 020TF		08400210	+	03100			A	JS
SUSAP	KDLZK5FR28	APIZZA	030PICUMK	5EAOEE	010TF		01450049	+	03000			A	JS
SUSAP	KDLZK5FR28	R	010PICUMK	5EAOE	I IF			+	03000	18000		A	JS
SUSAP	KDLZK5FR28	R	020WEBUTK	5EA1E	F 051TF		28450061	+	02600		RW28	K5PGA	JS
SUSAP	KDLZK5FR28	R	020WEBUTK	5EA2WALPV		ALNAV/VNAV	ALNAV						JS
SUSAP	KDLZK5FR28	R	030RW28	K5PGOGY	M 031TF		28440050		00987	-300		A	JS
SUSAP	KDLZK5FR28	R	040MOSQIK	5EAOEYM	010DF			+	02600			A	JS
SUSAP	KDLZK5FR28	R	050MOSQIK	5EAOEE	HL020HM		10420040	+	02600			A	JS

[illegible][illegible]

CITY AND STATE DELAWARE, OH	ELEVATION: 945 TDZE: 945 AIRPORT NAME: DELAWARE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG JUN -5 2008	SUP:
				AMDT: NONE
				DATED:

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[illegible]

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 FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MEEKS	MEEKS	010		IF		FB				
	MEEKS	ITENY	020	IAF	TF		FB	2.0	138.1(132T)	024.6	03000
	MEEKS	PICUM	030		TF		FB	1.0	194.5(189T)	005.0	03000
	PIZZA	PIZZA	010		IF		FB				
	PIZZA	HABNI	020	IAF	TF		FB	2.0	084.0(078T)	021.0	03100
	PIZZA	PICUM	030		TF		FB	1.0	014.5(009T)	004.9	03000
		PICUM	010	FACF	IF		FB				03000
		WEBUT	020	FAP	TF		FB	0.5	284.5(279T)	006.1	02600
		RW28	030	MAP	TF		FO	0.3	284.4(278T)	005.0	00987

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MOSQI	040		DF		FO	1.0			02600
	MOSQI	050		HM	L	FO	2.0	104.2(098T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HABNI	N401017.74	W0825257.70	N4010.296	W08252.962
	ITENY	N402002.66	W0825103.47	N4020.044	W08251.058
	MEEKS	N403633.52	W0831453.02	N4036.559	W08314.884
	MOSQI	N401826.20	W0832145.78	N4018.437	W08321.763
	PICUM	N401505.75	W0825201.52	N4015.096	W08252.025
	PIZZA	N400558.01	W0831942.91	N4005.967	W08319.715
	WEBUT	N401559.62	W0825954.08	N4015.994	W08259.901
	RW28	N401643.34	W0830621.37	N4016.722	W08306.356

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00945	42

CITY AND STATE
DELAWARE, OH

ELEVATION: 945 TDZE: 945
 AIRPORT NAME:
 DELAWARE MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 28, ORIG
 JUN -5 2008

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TERMINAL ROUTES										MISSED APPROACH							
FROM			TO			COURSE AND DISTANCE				ALTITUDE							
												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 JUN -5 2008																	
CITY AND STATE DELAWARE, OH				ELEVATION: 945 TDZE: 945 AIRPORT NAME: DELAWARE MUNI				FACILITY IDENTIFIER: GPS				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 10, ORIG-A, 10/05/2000				SUP AMDT ORIG DATE 01/27/2000	

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

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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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: SGH VOR/DME
ROD VORTAC	OHMEE INT/SGH 6.42 DME/RADAR	153.41 / 27.05	3000	CLIMB TO 3000 THEN LEFT TURN DIRECT SGH VOR/DME AND HOLD.
SGH VOR/DME	OHMEE INT/SGH 6.42 DME/RADAR	055.46 / 6.42	3000	
				ADDITIONAL FLIGHT DATA: HOLD NE, LT, 235.46 INBOUND. CHART FAS OBST: 1192 TOWER 395259N/0834817W CHART 1250 TOWER 395340N/0834326W. CHART VDP AT 2.35 DME; DISTANCE VDP TO THLD 1.16 MILES. OHMEE TO RW24: 3.08/54. CHART ARPT ELEV 1051. CHART TDZE 1048. FAC 137L OF RWY C/L EXTENDED 3000 FROM THLD.

1. PT R SIDE OF COURSE 055.46 OUTBOUND 3000 FT WITHIN 10 MILES OF OHMEE INT/SGH 6.42 DME/RADAR (IAF)
2. _____
3. FAC 235.46 FAF OHMEE INT/SGH 6.42 DME/RADAR DIST FAF TO MAP - THLD 5.22
4. MIN. ALT OHMEE 2800, CILEN/SGH 3.00 DME 1600 *1660 WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING
8. MSA FROM: SGH VOR/DME 3100

MAG VAR: 4W

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		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-24		1600	1/2	552	1600	1/2	552	1600	1	552	1600	1 1/4	552			
CIRCLING		1600	1	549	1600	1	549	1600	1 1/2	549	1620	2	569			

CILEN FIX MINIMUMS

S-24	1460	1/2	412	1460	1/2	412	1460	3/4	412	1460	1	412			
CIRCLING	1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569			

NOTES:

CHART NOTE: ALSF-2 REVERTS TO SSALR WHEN TOWER IS CLOSED.

CHART NOTE: VDP NA WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE S-24 CATS C AND D AND CIRCLING CAT C VISIBILITY 1/4

SEE 8260-10

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1048 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: SGH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 24, AMDT 11 JUN - 5 2008	SUP
				AMDT 10A
				DATE 08/18/1994



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.

NOTES CONT.

MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, INCREASE CILEN FIX MINIMUMS S-24 CAT D VISIBILITY TO 1 1/4, WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING INCREASE CILEN FIX MINIMUMS S-24 CAT D VISIBILITY TO 1 1/2.

CITY AND STATE

SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1048

AIRPORT NAME:

SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:

SGH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 24, AMDT 11

JUN - 5 2008

SUP:

AMDT: 10A

DATED: 08/18/1994

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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: SGH VOR/DME
ROD VORTAC	GONDE/SGH 5.80 DME	162.56 / 33.99	3000	CLIMB TO 3000 THEN RIGHT TURN DIRECT SGH VOR/DME AND HOLD.
SGH VOR/DME	GONDE/SGH 5.80 DME	143.00 / 5.80	3000	
FODAN/SGH 17.35 DME (IF/IAF)	GONDE/SGH 5.80 DME (NOPT)	323.00 / 11.55 (SGH R-143)	2800	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 323.00 INBOUND. CHART FAS OBST: 1189 TREE 394822N/0834851W CHART 1327 TOWER 394613N/0834747W. CHART BRUSH CREEK MOA. GONDE TO RW33: 3.06/36. FAC CROSSES RWY C/L EXTENDED 2852 FROM THLD.

1. PT L SIDE OF COURSE 143.00 OUTBOUND 3000 FT WITHIN 10 MILES OF GONDE/SGH 5.80 DME (IAF)
2. _____
3. FAC 323.00 FAF GONDE/SGH 5.80 DME DIST FAF TO MAP — THLD 5.31
4. MIN. ALT GONDE 2800, HABLU/SGH 2.50 DME 1640*
8. MSA FROM: SGH VOR/DME 3100

MAG VAR: 4W

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				
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-33	1440	1	393	1440	1	393	1440	1	393	1440	1 1/4	393						
CIRCLING	1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569						

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*1700 WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND INCREASE CAT C/D VISIBILITY 1/4 MILE.

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1047 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: SGH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 33, ORIG JUN - 5 2008	SUP AMDT NONE DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
RID VORTAC	SGH VOR/DME	086.61 / 46.22	3000	ILS: DA LOC: 5.65 MILES AFTER JENAT/SGH VDME 6.84 DME/RADAR OR AT SGH 1.19 DME FIX	
DQN VOR/DME	SGH VOR/DME	113.77 / 27.67	3000	CLIMB TO 3000 THEN LEFT TURN DIRECT SGH VOR/DME AND HOLD. (TACAN AIRCRAFT CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 VIA ROD VORTAC R-169 TO HEDEE INT/ROD 40.49 DME AND HOLD S, LT, 349.22 INBOUND); OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 VIA ROD VORTAC R-169 TO HEDEE INT/ROD 40.49 DME AND HOLD S, LT, 349.22 INBOUND.	
ROD VORTAC	SGH VOR/DME	166.29 / 28.55	3000		
SHIRT INT/APE 55.00 DME	SGH VOR/DME	317.83 / 17.59	3000		
SGH VOR/DME	JENAT/SGH VOR/DME 6.84 DME/RADAR	057.32 / 6.84	3000		
				ADDITIONAL FLIGHT DATA: HOLD NE, LT, 236.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S HEDEE INT/ROD 40.49 DME, LT, 349.22 INBOUND. CHART FAS OBST: 1133 TREE 395121N/0834911W CHART 1250 TOWER 395340N/0834326W. CHART IN PLANVIEW: HEDEE INT/ROD 40.49 DME. CHART TDZE 1048. CHART APT ELEV 1051.	
1. PT <u>R</u> SIDE OF COURSE <u>058.19</u> OUTBOUND <u>3000</u> FT WITHIN <u>15</u> MILES OF <u>JENAT/SGH VOR/DME 6.84</u> (IAF)					
2. <u>DME/RADAR</u>					
3. FAC: <u>238.19</u> FAF: <u>JENAT/SGH VOR/DME 6.84 DME/RADAR</u> DIST FAF TO MAP: <u>5.65</u> THLD: <u>5.65</u>					
4. MIN. ALT: <u>JENAT 2800, COBAG/SGH VOR/DME 3.09 DME/RADAR 1660*</u>					
5. DIST TO THLD FROM OM: <u>5.65</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1129</u>					
6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>JENAT/SGH VOR/DME 6.84 DME/RADAR 2800</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>					
7. GS ANGLE: <u>2.80</u> TCH: <u>54.6</u>					
8. MSA FROM: <u>SGH VOR/DME 3100</u>					
				MAG VAR: 4W 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
S-ILS 24		1248	1/2	200	1248	1/2	200	1248	1/2	200	1248	1/2	200	1248	1/2	200
S-LOC 24		1420	1/2	372	1420	1/2	372	1420	1/2	372	1420	3/4	372	1420	3/4	372
CIRCLING		1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569	1900	3	849

NOTES:
CHART NOTE: DME FROM SGH VOR/DME. SIMULTANEOUS RECEPTION OF I-SGH AND SGH DME REQUIRED.

*LOC ONLY

CHART NOTE: ALSF-2 REVERTS TO SSALR WHEN TOWER IS CLOSED.

CHART NOTE: DME OR RADAR REQUIRED.

SEE 8260-10

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1048 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: I-SGH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 1 JUN - 5 2008	SUP: ILS RWY 24 AMDT: ORIG DATED 08/18/1994



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.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE DA TO 1303 FEET, AND INCREASE ALL MDAS 60 FEET AND S-LOC VISIBILITY CATS C, D, AND E 1/4 MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, INCREASE S-ILS CAT E VISIBILITY TO 3/4, AND S-LOC CAT E VISIBILITY TO 1 1/4, WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING INCREASE S-ILS ALL CATS VISIBILITY TO 1, AND S-LOC CAT E VISIBILITY TO 1 1/2.

CITY AND STATE

SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1048

AIRPORT NAME:

SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:

I-SGH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 24, AMDT 1

JUN - 5 2008

SUP: ILS RWY 24

AMDT: ORIG

DATED: 08/18/1994



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								MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LNAV/VNAV: DA LNAV: RW17 CLIMB TO 3600 DIRECT HADMA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 352.50 INBOUND. CHART FAS OBST: 1669 TREE 353047N/0982059W DISTANCE TO THLD FROM 416 HAT: 1.08 NM.							
FATAM (IAF)		ASIME (NOPT) (FB)		082.44 / 5.00		3500									
JABVA (IAF)		ASIME (NOPT) (FB)		262.56 / 5.00		3500									
ASIME (IF/IAF)		CANAD (FB)		172.50 / 5.00		3000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N ASIME, RT, 172.50 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>172.50</u> FAF: <u>CANAD</u> DIST FAF TO MAP: <u>4.29</u> THLD: <u>4.29</u> 4. MIN. ALT: <u>ASIME 3500, CANAD 3000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>CANAD</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>42.2</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 7E EPOCH YEAR: 1995							
MINIMUMS															
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
LNAV/VNAV DA	2000	1 1/2	416	2000	1 1/2	416	NA	NA	NA	NA	NA	NA	NA	NA	NA
LNAV MDA	2000	1	416	2000	1	416	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIRCLING	2100	1	513	2100	1	513	NA	NA	NA	NA	NA	NA	NA	NA	NA
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: USE WEATHERFORD ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NA.															
CITY AND STATE HINTON, OK				ELEVATION: 1587 TDZE: 1584 AIRPORT NAME: HINTON MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 JUN 5 2008				SUP: AMDT: ORIG DATED 11/28/2002	

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.

TAA

	FROM	TO	ALT
1.	082/30 CW 263/30 (NOPT)	ASIME (IF/IAF) (FB)	3500
2.	263/30 CW 353/30	JABVA (IAF) (FB)	3500
3.	353/30 CW 082/30	353/20 CW 082/20	4500
	353/20 CW 082/20	FATAM (IAF) (FB)	3500

CITY AND STATE

HINTON, OK

ELEVATION: 1587 TDZE: 1584

AIRPORT NAME:

HINTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

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

[illegible]

CITY AND STATE HINTON, OK	ELEVATION: 1587 TDZE: 1584 AIRPORT NAME: HINTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 JUN 5 2008	SUP:	
				AMDT:	ORIG
				DATED:	11/28/2002

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ASIME	ASIME	010		HF	R	FB		172.5(180T)	004.0	03500
	FATAM	FATAM	010	IAF	IF		FB				
	FATAM	ASIME	020		TF		FB	1.0	082.4(089T)	005.0	03500
	JABVA	JABVA	010	IAF	IF		FB				
	JABVA	ASIME	020		TF		FB	1.0	262.6(270T)	005.0	03500
		ASIME	010	FACF	IF		FB				03500
		CANAD	020	FAF	TF		FB	1.0	172.5(180T)	005.0	03000
		RW17	030	MAP	TF		FO	0.3	172.5(180T)	004.3	01619

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HADMA	040		DF		FO	1.0			03600
	HADMA	050		HM	R	FO	2.0	352.5(360T)	004.0	03600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ASIME	N354003.86	W0982039.40	N3540.064	W09820.657
	CANAD	N353503.42	W0982036.19	N3535.057	W09820.603
	FATAM	N354001.08	W0982647.57	N3540.018	W09826.793
	HADMA	N351936.32	W0982026.31	N3519.605	W09820.439
	JABVA	N354006.33	W0981431.22	N3540.106	W09814.520
	RW17	N353045.75	W0982033.44	N3530.763	W09820.557

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	01577	42

CITY AND STATE
HINTON, OK

ELEVATION: 1587 TDZE: 1584
 AIRPORT NAME:
 HINTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 17, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 11/28/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
EKOKE (IAF)	HADMA (NOPT) (FB)	082.44 / 5.00	3600	LNAV/VNAV: DA LNAV: RW35 CLIMB TO 3500 DIRECT ASIME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.50 INBOUND. CHART FAS OBST: 1709 TREE 352901N/0982122W FAS OBST: 1859 AAO 352653N/0981937W DISTANCE TO THLD FROM 465 HAT: 1.21 NM.
OMASE (IAF)	HADMA (NOPT) (FB)	262.56 / 5.00	3600	
HADMA (IF/IAF)	COGNO (FB)	352.50 / 5.00	3400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S HADMA, RT, 352.50 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
- FAC: 352.50 FAF: COGNO DIST FAF TO MAP: 5.48 THLD: 5.48
- MIN. ALT: HADMA 3600, COGNO 3400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3400 GS ALT AT: COGNO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 43.4 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 7E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	X	STANDARD		SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A	X											
CATEGORY	=====			A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA			
LNAV/VNAV DA	2052	1 3/4	465	2052	1 3/4	465		NA			NA							
LNAV MDA	2160	1	573	2160	1	573		NA			NA							
CIRCLING	2160	1	573	2160	1	573		NA			NA							

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE WEATHERFORD ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NA.

CITY AND STATE HINTON, OK	ELEVATION: 1587 TDZE: 1587 AIRPORT NAME: HINTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG DATED 11/28/2002

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.	263/30 CW 082/30 (NOPT)	263/10 CW 082/10	4500
2.	263/10 CW 082/10	HADMA (IF/IAF) (FB)	3600
3.	082/30 CW 173/30	082/6 CW 173/6	4500
4.	082/6 CW 173/6	EKOKE (IAF) (FB)	3600
5.	173/30 CW 263/30	OMASE (IAF) (FB)	3600

CITY AND STATE

HINTON, OK

ELEVATION: 1587 TDZE: 1587

AIRPORT NAME:

HINTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

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

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ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSABAEENRT	ASIME K40	W	N35400386W098203940				E0051	NAR	ASIME		I	
	SUSABAEENRT	COGNO K40	W	N35243703W098202951				E0051	NAR	COGNO		I	
	SUSABAEENRT	EKOKE K40	W	N35193354W098263293				E0051	NAR	EKOKE		I	
	SUSABAEENRT	HADMA K40	W	N35193632W098202631				E0051	NAR	HADMA		I	
	SUSABAEENRT	OMASE K40	W	N35193879W098141968				E0051	NAR	OMASE		I	
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 208 K4A208	0	040YHN35302597W098203323E007001587					1800018000C	MNAR	HINTON MUNI		I	
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 208 K4FR35	AEKOKE 010EKOKEK4EA0E	A	IF						18000		B JS	I
	SUSAP 208 K4FR35	AEKOKE 020HADMAK4EA0EE	010TF				08240050		+ 03600			B JS	I
	SUSAP 208 K4FR35	AHADMA 010HADMAK4EA0EE	CR	HF			35250040		+ 03600	18000		B JS	I
	SUSAP 208 K4FR35	AOMASE 010OMASEK4EA0E	A	IF						18000		B JS	I
	SUSAP 208 K4FR35	AOMASE 020HADMAK4EA0EE	010TF				26260050		+ 03600			B JS	I
	SUSAP 208 K4FR35	R	010HADMAK4EA0E	I	IF				+ 03600	18000		B JS	I
	SUSAP 208 K4FR35	R	020COGNOK4EA1E	F	010TF		35250050		+ 03400			B JS	I
	SUSAP 208 K4FR35	R	020COGNOK4EA2WN			ALNAV/VNAV ALNAV						JS	I
	SUSAP 208 K4FR35	R	030RW35 K4PG0GY M	031TF			35250055		01630	-300		B JS	I
	SUSAP 208 K4FR35	R	040ASIMEK4EA0EYM	010DF					+ 03500			B JS	I
	SUSAP 208 K4FR35	R	050ASIMEK4EA0EE	HR020HM			17250040		+ 03500			B JS	I
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP 208 K4GRW35	0040003525	N35300619W098203302-0200				+0456601587000043060R					I	

CITY AND STATE
HINTON, OK

ELEVATION: 1587 TDZE: 1587
AIRPORT NAME:
HINTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 11/28/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	EKOKE	EKOKE	010	IAF	IF		FB				
	EKOKE	HADMA	020		TF		FB	1.0	082.4 (089T)	005.0	03600
	HADMA	HADMA	010		HF	R	FB		352.5 (360T)	004.0	03600
	OMASE	OMASE	010	IAF	IF		FB				
	OMASE	HADMA	020		TF		FB	1.0	262.6 (270T)	005.0	03600
		HADMA	010	FACF	IF		FB				03600
		COGNO	020	FAF	TF		FB	1.0	352.5 (360T)	005.0	03400
		RW35	030	MAP	TF		FO	0.3	352.5 (360T)	005.5	01630

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ASIME	040		DF		FO	1.0			03500
	ASIME	050		HM	R	FO	2.0	172.5 (180T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ASIME	N3540C3.86	W0982039.40	N3540.064	W09820.657
	COGNO	N352427.03	W0982029.51	N3524.617	W09820.492
	EKOKE	N351933.54	W0982632.93	N3519.559	W09826.549
	HADMA	N351926.32	W0982026.31	N3519.605	W09820.439
	OMASE	N351928.79	W0981419.68	N3519.647	W09814.328
	RW35	N3530C6.19	W0982033.02	N3530.103	W09820.550

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW35	01587		43

CITY AND STATE

HINTON, OK

ELEVATION: 1587 TDZE: 1587

AIRPORT NAME:

HINTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

HINTON, OK

(6) Airport

HINTON MUNICIPAL

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PUNGE (IAF)	YASXU (NOPT) (FB)	087.18 / 5.00	3000	LNAV: RW17 CLIMB TO 3100 DIRECT SUBME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.23 INBOUND. CHART FAS OBST: 1075 TREE 355703N/0950020W DOMIN TO RW17: 3.04/40. CHART AIRPORT ELEV: 874 CHART TDZ ELEV: 874
WISES (IAF)	YASXU (NOPT) (FB)	267.30 / 5.00	3000	
YASXU (IF/IAF)	DOMIN (FB)	177.24 / 6.10	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N YASXU, RT, 177.24 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 177.23 FAF: DOMIN DIST FAF TO MAP: 4.93 THLD: 4.93
- MIN. ALT: YASXU 3000, DOMIN 2500, YELUN/2.20 NM TO RW17 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 5E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1380	1	506	1380	1	506	1380	1 1/2	506		NA				
CIRCLING	1520	1	646	1520	1	646	1520	1 3/4	646		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 MUSKOGEE ALTIMETER SETTING AND INCREASE

SEE 8260-10

CITY AND STATE	ELEVATION: 874 TDZE: 874	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG: DATED 10-30-03
TAHLEQUAH, OK	AIRPORT NAME: TAHLEQUAH MUNI			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

ALL MDAS 100 FEET AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE, CIRCLING CAT B 1/4 MILE AND CAT C 1/2 MILE

TAA

	FROM	TO	ALT
1.	087/30 CW 267/30 (NOPT)	087/10 CW 267/10	3100
2.	087/10 CW 267/10	YASXU (IF/IAF) (FB)	3000
3.	267/30 CW 357/30	267/10 CW 357/10	3400
4.	267/10 CW 357/10	WISES (IAF) (FB)	3000
5.	357/30 CW 087/30	357/10 CW 087/10	3600
6.	357/10 CW 087/10	PUNGE (IAF) (FB)	3000

CITY AND STATE

TAHLEQUAH, OK

ELEVATION: 874 TDZE: 874

AIRPORT NAME:

TAHLEQUAH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 10-30-03

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

[illegible][illegible][illegible][illegible]

SUP:	
AMDT:	ORIG
DATED: 10-30-03	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PUNGE	PUNGE	010	IAF	IF		FB				
	PUNGE	YASXU	020		TF		FB	1.0	087.2(092T)	005.0	03000
	WISES	WISES	010	IAF	IF		FB				
	WISES	YASXU	020		TF		FB	1.0	267.3(272T)	005.0	03000
	YASXU	YASXU	010		HF	R	FB		177.2(182T)	004.0	03000
		YASXU	010	FACF	IF		FB				03000
		DOMIN	020	FAF	TF		FB	0.5	177.2(182T)	006.1	02500
		YELUN	021	SDF	TF		FB	0.3	177.2(182T)	002.7	01600
		RW17	030	MAP	TF		FO	0.3	177.2(182T)	002.2	00909

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SUBME	040		DF		FO	1.0			03100
	SUBME	050		HM	R	FO	2.0	357.2(002T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DOMIN	N360109.58	W0950000.90	N3601.160	W09500.015
	PUNGE	N360727.57	W0950553.32	N3607.460	W09505.889
	SUBME	N354514.29	W0950046.59	N3545.238	W09500.777
	WISES	N360704.09	W0945333.29	N3607.068	W09453.555
	YASXU	N360715.99	W0945943.29	N3607.267	W09459.722
	YELUN	N355825.83	W0950008.75	N3558.431	W09500.146
	RW17	N355613.74	W0950015.08	N3556.229	W09500.251

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00869	40

CITY AND STATE TAHLEQUAH, OK	ELEVATION: 874 TDZE: 874	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 JUN 5 2008	SUP:
	AIRPORT NAME: TAHLEQUAH MUNI			AMDT: ORIG
	DATED: 10-30-03			

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HOSAD (IAF)	SUBME (NOPT) (FB)	267.29 / 5.00	3100	LPV: DA LNAV: RW35 CLIMB TO 3000 DIRECT YASXU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.24 INBOUND. CHART FAS OBST: 1141 TREE 355339N/0950117W DISTANCE TO THLD FROM 250 HAT: 0.73 NM. WAAS CHANNEL # 90207 REFERENCE PATH ID: W35A
JURMA (IAF)	SUBME (NOPT) (FB)	087.17 / 5.00	3100	
SUBME (IF/IAF)	CEDIK (FB)	357.23 / 6.10	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S SUBME, RT, 357.23 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
- FAC: 357.23 FAF: CEDIK DIST FAF TO MAP: 4.06 THLD: 4.06
- MIN. ALT: SUBME 3100, CEDIK 2200, REVSE/2.20 NM TO RW35 1580*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: CEDIK OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 5E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @									
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1124	1	250	1124	1	250	1124	1	250		NA				
LNAV MDA		1400	1	526	1400	1	526	1400	1 1/2	526		NA				
CIRCLING		1520	1	646	1520	1	646	1520	1 3/4	646		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 874 TDZE: 874	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TAHLEQUAH, OK	AIRPORT NAME: TAHLEQUAH MUNI		RNAV (GPS) RWY 35, AMDT 1	AMDT: ORIG
			JUN 5 2008	DATED 10-30-03

RECEIVED

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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSKOGEE ALTIMETER SETTING AND INCREASE ALL DAS 92 FEET AND ALL LPV VISIBILITIES 1/4 MILE; INCREASE ALL MDAS 100 FEET AND LNAV CAT C VISIBILITY 1/4 MILE, CIRCLING CAT B 1/4 MILE AND CAT C 1/2 MILE.

TAA

	FROM	TO	ALT
1.	267/30 CW 087/30 (NOPT)	267/10 CW 087/10	3400
2.	267/10 CW 087/10	SUBME (IF/IAF) (FB)	3100
3.	087/30 CW 177/30	087/10 CW 177/10	3600
4.	087/10 CW 177/10	JURMA (IAF) (FB)	3100
5.	177/30 CW 267/30	177/10 CW 267/10	3400
6.	177/10 CW 267/10	HOSAD (IAF) (FB)	3100

CITY AND STATE

TAHLEQUAH, OK

ELEVATION: 874 TDZE: 874

AIRPORT NAME:

TAHLEQUAH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 10-30-03

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTQH
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	355524.3265N
LTP/FTP LONGITUDE	0950017.4535W
LTP/FTP ELLIPSOIDAL HEIGHT	+02304
FPAP LATITUDE	355653.4900N
FPAP LONGITUDE	0950013.1800W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

DEDB65DC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02594
FPAP ORTHOMETRIC HEIGHT	+02594

CITY AND STATE TAHLEQUAH, OK	ELEVATION: 874 TDZE: 874 AIRPORT NAME: TAHLEQUAH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 10-30-03

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTQHK4FR35	AHOSAD	010HOSADK4EA0E	A	IF						18000		A JS	
SUSAP KTQHK4FR35	AHOSAD	020SUBMEK4EA0EE	010TF			26730050		+ 03100				A JS	
SUSAP KTQHK4FR35	AJURMA	010JURMAK4EA0E	A	IF						18000		A JS	
SUSAP KTQHK4FR35	AJURMA	020SUBMEK4EA0EE	010TF			08720050		+ 03100				A JS	
SUSAP KTQHK4FR35	ASUBME	010SUBMEK4EA0EE	CR	HF		35720040		+ 03100		18000		A JS	
SUSAP KTQHK4FR35	R	010SUBMEK4EA0E	I	IF				+ 03100		18000		A JS	
SUSAP KTQHK4FR35	P	020CEDIKK4EA1E	F	051TF		35720061		+ 02200				A JS	
SUSAP KTQHK4FR35	R	020CEDIKK4EA2WALPV			N	ALNAV						JS	
SUSAP KTQHK4FR35	R	021REVSEK4EA0E	S	031TF		35720019		V 0158001597		-300		A JS	
SUSAP KTQHK4FR35	R	030RW35 K4PG0GY	M	031TF		35720022		00891		-300		A JS	
SUSAP KTQHK4FR35	R	040YASXUK4EA0EYM	010DF					+ 03000				A JS	
SUSAP KTQHK4FR35	R	050YASXUK4EA0EE	HR020HM			17720040		+ 03000				A JS	

[illegible][illegible]

CITY AND STATE TAHLEQUAH, OK	ELEVATION: 874 TDZE: 874 AIRPORT NAME: TAHLEQUAH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 JUN 5 2008	SUP:
				AMDT: ORIG
				DATED: 10-30-03

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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SUSAP KTQHK4PR35 RW35 001 0000W35A0N3555243265W09500174535+023040300N3556534900W09500131800106751224000400F400500DEDB65DC
SUSAP KTQHK4PR35 RW35 002E +02594+02594LPV 90207 000

CITY AND STATE
TAHLEQUAH, OK

ELEVATION: 874 TDZE: 874
AIRPORT NAME:
TAHLEQUAH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
JUN 5 2008

SUP:
AMDT: ORIG
DATED: 10-30-03

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HOSAD	HOSAD	010	IAF	IF		FB				
	HOSAD	SUBME	020		TF		FB	1.0	267.3(272T)	005.0	03100
	JURMA	JURMA	010	IAF	IF		FB				
	JURMA	SUBME	020		TF		FB	1.0	087.2(092T)	005.0	03100
	SUBME	SUBME	010		HF	R	FB		357.2(002T)	004.0	03100
		SUBME	010	FACF	IF		FB				03100
		CEDIK	020	FAF	TF		FB	0.5	357.2(002T)	006.1	02200
		REVSE	021	SDF	TF		FB	0.3	357.2(002T)	001.9	01580
		RW35	030	MAP	TF		FO	0.3	357.2(002T)	002.2	00891

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YASXU	040		DF		FO	1.0			03000
	YASXU	050		HM	R	FO	2.0	177.2(182T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEDIK	N355120.32	W0950029.12	N3551.339	W09500.485
	HOSAD	N354502.44	W0945438.30	N3545.041	W09454.638
	JURMA	N354525.82	W0950654.91	N3545.430	W09506.915
	REVSE	N355312.24	W0950023.77	N3553.204	W09500.396
	SUBME	N354514.29	W0950046.59	N3545.238	W09500.777
	YASXU	N360715.99	W0945943.29	N3607.267	W09459.722
	RW35	N355524.33	W0950017.45	N3555.406	W09500.291

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00851	40

CITY AND STATE
 TAHLEQUAH, OK

ELEVATION: 874 TDZE: 874
 AIRPORT NAME:
 TAHLEQUAH MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 35, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG
 DATED: 10-30-03

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, STANDARD

RWY 35, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 345 FEET PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17, TREES BEGINNING 80' FROM DER, 16' RIGHT OF CENTERLINE, UP TO 60' AGL/911' MSL. TREES AND POLES BEGINNING 139' FROM DER, 337' LEFT OF CENTERLINE, UP TO 34' AGL/855' MSL. LIGHT 1042' FROM DER, 403' LEFT OF CENTERLINE, 29' AGL/878' MSL. NOTE: RWY 35, POLES AND TREES BEGINNING 23' FROM DER, 42' LEFT OF CENTERLINE, UP TO 56' AGL/1075' MSL. POLES AND TREES BEGINNING 1334' FROM DER, 29' RIGHT OF CENTERLINE, UP TO 40' AGL/1058' MSL. BLDG 4492' FROM DER, 889' LEFT OF CENTERLINE, 24' AGL/1024' MSL.

(4) CONTROLLING OBSTACLES:

RWY 35: 1070 MSL TREE, 355700.02N/0950023.33W, 1051 MSL TREE 355720.12N/095006.88W

(5) City, State

TAHLEQUAH, OK

(6) Airport

TAHLEQUAH MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ETG VORTAC (IAF)	BROCS INT/ETG 21.29 DME	293.20 / 21.29	4200	ILS: DA LOC: 4.59 MILES AFTER DU OM CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 4000 DIRECT CIP VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 4200 VIA HEADING 060 AND ETG R-276 TO HONLU INT/ETG 22.00 DME AND HOLD W, RT, 096.48 INBOUND. ADDITIONAL FLIGHT DATA: HOLD S, RT, 014.64 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD W HONLU INT/22.00 DME, RT, 096.48 INBOUND. CHART FAS OBST: 2019 TREE 411209N/0785046W CHART IN PLANVIEW: HONLU INT/22.00 DME. CHART TDZE 1816
BROCS INT/ETG 21.29 DME (IF)	GRACC INT/RADAR	250.42 / 5.00 (I-DUJ)	4200	
GRACC INT/RADAR	DU OM	250.42 / 5.15 (I-DUJ)	3400	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BROCS
- FAC: 250.42 FAF: DU OM DIST FAF TO MAP: 4.59 THLD: 4.59
- MIN. ALT: BROCS 4200, GRACC 4200, DU OM 3400
- DIST TO THLD FROM OM: 4.59 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1157
- MIN GS INCPT: 3400 GS ALT AT: GS INTCP OM: 3353 MM: - IM: -
- GS ANGLE: 3.00 TCH: 57.0
- MSA FROM: CIP VOR/DME 26 NM 3400

MAG VAR: 8W

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @			
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25		2016	1/2	200	2016	1/2	200	2016	1/2	200	2016	1/2	200			
S-LOC 25		2280	1/2	464	2280	1/2	464	2280	3/4	464	2280	1	464			
CIRCLING		2300	1	483	2320	1	503	2320	1 1/2	503	2380	2	563			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEARFIELD ALTIMETER SETTING AND INCREASE DA TO 2112 FEET AND ALL MDAS 100 FEET AND S-LOC 25 VISIBILITY CATS C/D AND CIRCLING CAT C 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CLEARFIELD ALTIMETER SETTING, INCREASE S-ILS 25 ALL CATS VISIBILITY 1/2 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ETG VORTAC ON AIRWAY RADIALS 276 CW 338.

CITY AND STATE DUBOIS, PA	ELEVATION: 1817 TDZE: 1816 AIRPORT NAME: DUBOIS RGNL	FACILITY IDENTIFIER: I-DUJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 25, AMDT 8 JUN - 5 2008	SUP: ILS RWY 25 AMDT: 7A DATED 12/22/2005

QUALITY
CHECKED

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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CITY AND STATE

DUBOIS, PA

ELEVATION: 1817 TDZE: 1816

AIRPORT NAME:

DUBOIS RGNL

FACILITY
IDENTIFIER:
I-DUJ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 25, AMDT 8

JUN - 5 2008

SUP: ILS RWY 25

AMDT: 7A

DATED: 12/22/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
COOBE	DRTHE (FB)	093.58 / 23.81	4200	LPV: DA LNAV/VNAV: DA LNAV: RW25 CLIMB TO 4000 DIRECT ULUKE AND VIA 284.63 TRACK TO CIP VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 016.64 INBOUND. CHART FAS OBST: 1939 TREES 411027N/0785304W CHART FAS OBST: 2059 TREES 411222N/0785131W DISTANCE TO THLD FROM 250 HAT: 0.60 NM. CHART VDP AT 1.40 MILES TO RW25* *LNAV ONLY. WAAS CHANNEL # 97407 REFERENCE PATH ID: W25A
DRTHE (IAF)	BROCS (FB)	160.57 / 6.00	4200	
DAAAV (IAF)	BROCS (FB)	326.99 / 7.70	4200	
BROCS (IF)	GRACC (FB)	250.61 / 5.00	4200	
GRACC	DUBOI (FB)	250.61 / 5.00	3400	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT BROCS
 3. FAC: 250.48 FAF: DUBOI DIST FAF TO MAP: 4.73 THLD: 4.73
 4. MIN. ALT: BROCS 4200, GRACC 4200, DUBOI 3400
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 3400 GS ALT AT: DUBOI OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
 8. MSA FROM: RW25 4200

MAG VAR: 8W

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	2066	1/2	250	2066	1/2	250	2066	1/2	250	2066	1/2	250			
LNAV/VNAV DA	2209	3/4	393	2209	3/4	393	2209	3/4	393	2209	3/4	393			
LNAV MDA	2320	1/2	504	2320	1/2	504	2320	1	504	2320	1	504			
CIRCLING	2320	1	503	2320	1	503	2320	1 1/2	503	2380	2	563			

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F).

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COOBE VIA V119 SOUTHEAST BOUND, V232 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DAAAV VIA V226 EASTBOUND, V184 SOUTHEAST BOUND.

SEE 8260-10

CITY AND STATE DUBOIS, PA	ELEVATION: 1817 TDZE: 1816 AIRPORT NAME: DUBOIS RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG JUN - 5 2008	SUP: AMDT: NONE DATED

QUALITY
CHECKED

**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 CLEARFIELD ALTIMETER SETTING AND INCREASE ALL DAS 96 FEET AND ALL MDAS 100 FEET AND LPV ALL CATS, LNAV CAT C, CIRCLING CAT C VISIBILITIES 1/4 MILE AND LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITIES 1/2 MILE. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CLEARFIELD ALTIMETER SETTING; INCREASE LPV ALL CATS VISIBILITY 1/2 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLEARFIELD ALTIMETER SETTING.

CITY AND STATE

DUBOIS, PA

ELEVATION: 1817 TDZE: 1816

AIRPORT NAME:

DUBOIS RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:

QUA

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KDUJ
RW25
0

0
W25A
411054.3500N
0785323.4200W
+05214
411029.1700N
0785427.2000W
00057.0
F
03.00
92.75
0000
40.0
50.0

CRC REMAINDER

46E741D5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+05536
+05536

CITY AND STATE

DUBOIS, PA

ELEVATION: 1817 TDZE: 1816

AIRPORT NAME:

DUBOIS RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAD	CIP	K6011290VDL	N41084653W079272876	N41084653W079272876W006001530	NARCLARION	I								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAEENRT	BROCS K60	C	N41174246W078360415	W0106	NAR	BROCS	I							
SUSAEENRT	COOBE K60	R	L N41211633W079111615	W0099	NAR	COOBE	I							
SUSAEENRT	DAAAV K60	C	L N41115396W078292209	W0106	NAR	DAAAV	I							
SUSAEENRT	DRTHE K60	W	N41230222W078394417	W0106	NAR	DRTHE	I							
SUSAEENRT	DUBOI K60	W	N41130573W078474998	W0106	NAR	DUBOI	I							
SUSAEENRT	GRACC K60	C	N41152422W078415732	W0106	NAR	GRACC	I							
SUSAEENRT	ULUKE K60	W	N41064468W079035424	W0099	NAR	ULUKE	I							

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAP	KDUJK6ADUJ	0	055YHN41104176W078535531W008001817	1800018000C	MNAR	DUBOIS RGNL	I							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDUJK6FR25	ACOOBE	010COOBEK6EA0E	IF						18000	A JS	I	
SUSAP	KDUJK6FR25	ACOOBE	020DRTHEK6EA0E	A 020TF		09360238	+ 04200				A JS	I	
SUSAP	KDUJK6FR25	ACOOBE	030BROCSK6EA0EE	010TF		16060060	+ 04200				A JS	I	
SUSAP	KDUJK6FR25	ADAAAV	010DAAAVK6EA0E	A IF						18000	A JS	I	
SUSAP	KDUJK6FR25	ADAAAV	020BROCSK6EA0EE	010TF		32700077	+ 04200				A JS	I	
SUSAP	KDUJK6FR25	R	010BROCSK6EA0E	I IF			+ 04200			18000	A JS	I	
SUSAP	KDUJK6FR25	R	011GRACKK6EA0E	S 051TF		25060050	+ 04200				A JS	I	
SUSAP	KDUJK6FR25	R	020DUBOIK6EA1E	F 051TF		25060050	+ 03400				RW25 K6PGA	JS	I
SUSAP	KDUJK6FR25	R	020DUBOIK6EA2WALPV	ALNAV/VNAV ALNAV							JS	I	
SUSAP	KDUJK6FR25	R	030RW25 K6PGOGY	M 031TF		25050047	01873			-300	A JS	I	
SUSAP	KDUJK6FR25	R	040ULUKEK6EA0E	M 010DF							A JS	I	
SUSAP	KDUJK6FR25	R	050CIP K6D OYV	010TF		2846	+ 04000				A JS	I	
SUSAP	KDUJK6FR25	R	060CIP K6D OVE	HR020HM		01660040	+ 04000				A JS	I	

CITY AND STATE DUBOIS, PA	ELEVATION: 1817 TDZE: 1816 AIRPORT NAME: DUBOIS RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG JUN - 5 2008	SUP:
				AMDT: NONE
				DATED:

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KDUJK6GRW25 0055042504 N41105435W078532342 +0521401816000057100I IPP 1 2 3 4 5 6 7 8 9 0 1 2 3
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012-----
SUSAP KDUJK6PR25 RW25 001 0000W25A0N4110543500W07853234200+052140300N4110291700W07854272000092750000000570F40050046E741D5I
SUSAP KDUJK6PR25 RW25 002E +05536+05536LPV 97407 000 IMSA 1 2 3 4 5 6 7 8 9 0 1 2 3
12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012-----
SUSAP KDUJK6SRW25 K6PG 0 18018004225 M I

CITY AND STATE

DUBOIS, PA

ELEVATION: 1817 TDZE: 1816

AIRPORT NAME:

DUBOIS RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

JUN - 5 2008

SUP:

AMDT: NONE

DATED:

CHECKED

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COOBE	COOBE	010		IF		FB				
	COOBE	DRTHE	020	IAF	TF		FB	2.0	093.6 (086T)	023.8	04200
	COOBE	BROCS	030		TF		FB	1.0	160.6 (153T)	006.0	04200
	DAAAV	DAAAV	010	IAF	IF		FB				
	DAAAV	BROCS	020		TF		FB	1.0	327.0 (319T)	007.7	04200
		BROCS	010	FACF	IF		FB				04200
		GRACC	011	SDF	TF		FB	0.5	250.6 (243T)	005.0	04200
		DUBOI	020	FAF	TF		FB	0.5	250.6 (243T)	005.0	03400
		RW25	030	MAP	TF		FO	0.3	250.5 (243T)	004.7	01873

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ULUKE	040		DF		FB	1.0			
	CIP	050		TF		FO	1.0	284.6 (277T)		04000
	CIP	060		HM	R	FO	2.0	016.6 (009T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIP	N410846.53	W0792728.76	N4108.776	W07927.479
	BROCS	N411742.46	W0783604.15	N4117.708	W07836.069
	COOBE	N412116.33	W0791116.15	N4121.272	W07911.269
	DAAAV	N411153.96	W0782922.09	N4111.899	W07829.368
	DRTHE	N412302.22	W0783944.17	N4123.037	W07839.736
	DUBOI	N411305.73	W0784749.98	N4113.096	W07847.833
	GRACC	N411524.22	W0784157.32	N4115.404	W07841.955
	ULUKE	N410644.68	W0790354.24	N4106.745	W07903.904
	RW25	N411054.35	W0785323.42	N4110.906	W07853.390

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	01816	57

CITY AND STATE
DUBOIS, PA

ELEVATION: 1817 TDZE: 1816
 AIRPORT NAME:
 DUBOIS RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 25, ORIG
 JUN - 5 2008

SUP:	
AMDT:	NONE
DATED:	

QUALITY
CHECKED

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 6, STANDARD WITH MINIMUM CLIMB OF 287 FT PER NM TO 3000 OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 24, STANDARD WITH MINIMUM CLIMB OF 242 FT PER NM TO 2800 OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 6 - CLIMB HEADING 58.75 TO 3000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS MIFFLIN COUNTY AIRPORT AT OR ABOVE 3000 MSL BEFORE PROCEEDING ON COURSE.

RWY 24 - CLIMB HEADING 238.76 TO 2800 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS MIFFLIN COUNTY AIRPORT AT OR ABOVE 3000 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, FENCE BEGINNING 59' FROM DER, 497' RIGHT OF CENTERLINE, UP TO 6' AGL/825' MSL. BUSHES 449' FROM DER, 422' RIGHT OF CENTERLINE, UP TO 10' AGL/829' MSL.

NOTE: RWY 24, GROUND 171' FROM DER, 481' LEFT OF CENTERLINE, 0' AGL/830' MSL. FENCE 207' FROM DER, 288' LEFT OF CENTERLINE, 15' AGL/834' MSL. TREES 1,189' FROM DER, 198' RIGHT OF CENTERLINE, UP TO 100' AGL/933' MSL. TREES 2,168' FROM DER, 407' LEFT OF CENTERLINE, UP TO 100' AGL/908' MSL.

(4) CONTROLLING OBSTACLES:

RWY 6: 2459 MSL AAO 404428.00N/0772806.00W, 2239 MSL AAO 404625.00N-0773227.00W

RWY 24: 2221 MSL AAO 403655.00N/0774703.00W, 2257 MSL AAO 403554.00N/0774809.00W

RWY 6, 24 (VCOA): 2559 MSL AAO 404401.73N/0773952.11W

(5) City, State

REEDSVILLE, PA

(6) Airport

MIFFLIN COUNTY

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

3

QUALITY
2
CHECKER

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 4.92 MILES AFTER SYS NDB
IHD VORTAC	SYS NDB	077.69 / 21.43	5000	CLIMB TO 4500 THEN RIGHT TURN DIRECT SYS NDB AND HOLD.
JST VORTAC (IAF)	IZYUR INT	179.73 / 10.40	4500	
IZYUR INT (IF)	SYS NDB (NOPT)	244.45 / 6.05	3800	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 248.46 INBOUND. CHART FAS OBST: 2878 WINDMILL 400200N/0785751W SYS NDB TO RW25: 3.00/30

1. PT L SIDE OF COURSE 068.46 OUTBOUND 4500 FT WITHIN 10 MILES OF SYS NDB (IAF)
2.
3. FAC 248.46 FAF SYS NDB DIST FAF TO MAP 4.92 THLD 4.92
4. MIN. ALT SYS NDB 3800
8. MSA FROM: SYS NDB 4500

MAG VAR: 10W

EPOCH YEAR: 2000

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-25/25	3240	1 1/4	1000	3240	1 1/2	1000	3240	3	1000	3240	3	1000			
CIRCLING	3240	1 1/4	965	3240	1 1/2	965	3240	3	965	3300	3	1025			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOHNSTOWN ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

CITY AND STATE SOMERSET, PA	ELEVATION: 2275 TDZE: 2240 AIRPORT NAME: SOMERSET COUNTY	FACILITY IDENTIFIER: SYS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 25, AMDT 6 JUN - 5 2008	SUP
				AMDT 5B
				DATE 08/15/2006



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/NDB 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										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: 4.92 MILES AFTER SYS NDB							
IHD VORTAC JST VORTAC (IAF) IZYUR INT/10.40 DME (IF)			SYS NDB			077.69 / 21.43				5000		CLIMB TO 4500 THEN RIGHT TURN DIRECT SYS NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 246.19 INBOUND. CHART FAS OBST: 2285 TREE 400240N/0785958W CHART 2479 TREE 400445N/0785520W. SYS NDB TO RW25: 3.00/30							
			IZYUR INT/10.40 DME			179.73 / 10.40				4500									
			SYS NDB (NOPT)			246.19 / 6.05				3800									
1. PT <u>L</u> SIDE OF COURSE <u>066.19</u> OUTBOUND <u>4500</u> FT WITHIN <u>10</u> MILES OF <u>SYS NDB</u> (IAF) 2. _____ 3. FAC <u>246.19</u> FAF <u>SYS NDB</u> DIST FAF TO MAP <u>4.92</u> THLD <u>4.92</u> 4. MIN. ALT <u>IZYUR 4500, SYS NDB 3800</u> 8. MSA FROM: <u>SYS NDB 4500</u>										MAG VAR: 10W 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					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-25	2700	1	460	2700	1	460	2700	1 1/4	460	2700	1 1/2	460							
CIRCLING	2820	1	545	2860	1	585	2940	1 3/4	665	3300	3	1025							
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOHNSTOWN ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET, INCREASE S-25 CAT C AND D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.																			
CITY AND STATE				ELEVATION: 2275 TDZE: 2240				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP LOC RWY 25			
SOMERSET, PA				AIRPORT NAME:				I-SOZ				LOC/NDB RWY 25, AMDT 4				AMDT 3B			
				SOMERSET COUNTY								JUN - 5 2008				DATE 8/15/06			



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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BURGS (IAF)	ZUNCO (NOPT) (FB)	051.73 / 13.29	4000	LPV: DA LNAV: RW09
ZUNCO (IF/IAF)	PUNYI (FB)	087.68 / 6.09	3000	CLIMB TO 4000 DIRECT RIPEE AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 268.01 INBOUND. CHART: 1599 TREES 395212N/0801532W CHART FAS OBST: 1519 TREES 395258N/0801240W DISTANCE TO THLD FROM 423 HAT: 1.25 NM. WAAS CHANNEL # 45806 REFERENCE PATH ID: W09A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W ZUNCO, RT, 087.68 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 087.76 FAF: PUNYI DIST FAF TO MAP: 5.89 THLD: 5.89
- MIN. ALT: ZUNCO 4000, PUNYI 3000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3000 GS ALT AT: PUNYI OM: MM: IM:
- GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR
- MSA FROM: RW09 4200

MAG VAR: 9W EPOCH YEAR: 2010

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY >>>>>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1492	1 1/2	423	1492	1 1/2	423	1492	1 1/2	423		NA					
LNAV MDA	1840	1	771	1840	1 1/4	771	1840	2 1/4	771		NA					
CIRCLING	1880	1	811	2060	1 1/2	991	2060	3	991		NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BURGS VIA V119 WESTBOUND.
 SEE 8260-10

CITY AND STATE WAYNESBURG, PA	ELEVATION: 1069 TDZE: 1069 AIRPORT NAME: GREENE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG JUN - 5 2008	SUP: AMDT: NONE DATED



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: USE WASHINGTON ALTIMETER SETTING, WHEN NOT RECEIVED USE MORGANTOWN ALTIMETER SETTING AND INCREASE DAS 15 FEET AND ALL MDAS 20 FEET.

CITY AND STATE

WAYNESBURG, PA

ELEVATION: 1069 TDZE: 1069

AIRPORT NAME:

GREENE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN -5 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KWAY
RUNWAY RW09
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A
LTP/FTP LATITUDE 395400.7900N
LTP/FTP LONGITUDE 0800812.5500W
LTP/FTP ELLIPSOIDAL HEIGHT +02914
FPAP LATITUDE 395418.0300N
FPAP LONGITUDE 0800618.9600W
THRESHOLD CROSSING HEIGHT (TCH) 00030.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1680
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

3A671C28

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +03246
FPAP ORTHOMETRIC HEIGHT +03246

CITY AND STATE

WAYNESBURG, PA

ELEVATION: 1069 TDZE: 1069

AIRPORT NAME:

GREENE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN -5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KWAYK6FR09	ABURGS	010BURGSK6EA0E	A	IF						18000		A JS	
SUSAP KWAYK6FR09	ABURGS	020ZUNKOK6EA0EE	010TF			05170133	+	04000				A JS	
SUSAP KWAYK6FR09	AZUNKO	010ZUNKOK6EA0EE	CR	HF		08770040	+	04000		18000		A JS	
SUSAP KWAYK6FR09	R	010ZUNKOK6EA0E	I	IF			+	04000		18000		A JS	
SUSAP KWAYK6FR09	R	020PUNIYK6EA0E	F	051TF		08770061	+	03000			RW09	K6PGA JS	
SUSAP KWAYK6FR09	R	030RW09	K6PGOGY	M	031TF	08780059		01095		-300		A JS	
SUSAP KWAYK6FR09	R	040RIPEEK6EA0EYM	010DF				+	04000				A JS	
SUSAP KWAYK6FR09	R	050RIPEEK6EA0EE	HR020HM			26800040	+	04000				A JS	

[illegible][illegible][illegible]

PAGE 4 OF 6 PAGES

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.

SUSAP KWAYK6SRW09 K6PG

0 25180042

M

CITY AND STATE

WAYNESBURG, PA

ELEVATION: 1069

TDZE: 1069

AIRPORT NAME:

GREENE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN -5 2008

SUP:

AMDT:

NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BURGS	BURGS	010	IAF	IF		FB				
	BURGS	ZUNKO	020		TF		FB	1.0	051.7 (043T)	013.3	04000
	ZUNKO	ZUNKO	010		HF	R	FB		087.7 (079T)	004.0	04000
		ZUNKO	010	FACF	IF		FB				04000
		PUNY	020	FAF	TF		FB	0.5	087.7 (079T)	006.1	03000
		RW09	030	MAP	TF		FO	0.3	087.8 (079T)	005.9	01095

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RIPEE	040		DF		FO	1.0			04000
	RIPEE	050		HM	R	FO	2.0	268.0 (259T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BURGS	N394154.79	W0803511.30	N3941.913	W08035.188
	PUNY	N395252.14	W0801542.64	N3952.869	W08015.711
	RIPEE	N395622.15	W0795234.57	N3956.369	W07952.576
	ZUNKO	N395140.55	W0802328.36	N3951.676	W08023.473
	RW09	N395400.79	W0800812.55	N3954.013	W08008.209

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01065	30

CITY AND STATE
WAYNESBURG, PA

ELEVATION: 1069 TDZE: 1069
 AIRPORT NAME:
 GREENE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 9, ORIG
 JUN - 5 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW27	
GALLS RIPEE (IF/IAF)	RIPEE (FO)	053.18 / 9.48	4000	CLIMB TO 4000 DIRECT ZUNCO AND HOLD.	
	TIKKU (FB)	268.01 / 6.09	2900		
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 087.68 INBOUND. CHART FAS OBST: 1730 TOWER 395444N/0800208W TIKKU TO RW27 3.05/30	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)					
2. HOLD E RIPEE, RT, 268.01 INBOUND, 4000 FT. IN LIEU OF PT (IAF)					
3. FAC: <u>267.93</u> FAF: <u>TIKKU</u> DIST FAF TO MAP: <u>5.59</u> THLD: <u>5.59</u>					
4. MIN. ALT: <u>RIPEE 4000, TIKKU 2900</u>					
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>					
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>					
7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u>					
8. MSA FROM: <u>RW27 4200</u>				MAG VAR: <u>9W</u> EPOCH YEAR: <u>2010</u>	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A
CATEGORY =====>			A		B
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	2100	1 1/4	1031	2100	1 1/2
CIRCLING	2100	1 1/4	1031	2100	1 1/2
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GALLS VIA V119 WESTBOUND AND V8-92-214 SEE 8260-10					
CITY AND STATE		ELEVATION: 1069 TDZE: 1069		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WAYNESBURG, PA		AIRPORT NAME:		RNAV (GPS) RWY 27, ORIG	
		GREENE COUNTY		JUN -5 2008	
		FACILITY IDENTIFIER: RNAV		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.

NOTES CONT.
WESTBOUND.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: USE WASHINGTON ALTIMETER SETTING, WHEN NOT RECEIVED USE

MORGANTOWN ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET.

CITY AND STATE

WAYNESBURG, PA

ELEVATION: 1069 TDZE: 1069

AIRPORT NAME:

GREENE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

JUN -5 2008

SUP:

AMD'T: 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.

[illegible][illegible][illegible][illegible][illegible]

SUP: _____
AMDT: **NONE**
DATED: _____

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GALLS	GALLS	010		IF		FB				
	GALLS	RIPEE	020		TF		FB	2.0	053.2 (044T)	009.5	04000
	GALLS	RIPEE	030		HF	R	FB		268.0 (259T)	004.0	04000
		RIPEE	010	FACF	IF		FB				04000
		TIKKU	020	FAF	TF		FB	0.5	268.0 (259T)	006.1	02900
		RW27	030	MAP	TF		FO	0.3	267.9 (259T)	005.6	01092

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	267.9 (259T)		01469
	ZUNKO	050		DF		FO	1.0			04000
	ZUNKO	060		HM	R	FO	2.0	087.7 (079T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GALLS	N394934.35	W0800109.86	N3949.573	W08001.164
	RIPEE	N395622.15	W0795234.57	N3956.369	W07952.576
	TIKKU	N395512.17	W0800020.77	N3955.203	W08000.346
	ZUNKO	N395140.55	W0802328.36	N3951.676	W08023.473
	RW27	N395407.48	W0800728.50	N3954.125	W08007.475

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	01062	30

CITY AND STATE
WAYNESBURG, PA

ELEVATION: 1069 TDZE: 1069
AIRPORT NAME:
GREENE COUNTY

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
JUN -5 2008

SUP:
AMDT: NONE
DATED:

PAGE 1 OF 4 PAGES

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.**

Bearings, headings, courses, and radials are magnetic. Elevations 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 otherwise indicated except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	332/30 CW 152/30 (NOPT)	CIVAK (IF/IAF) (FB)	3800
2.	152/30 CW 242/30	FESOR (IAF) (FB)	3800
3.	242/30 CW 332/30	COLUX (IAF) (FB)	3800

CITY AND STATE

SMITHVILLE, TN

ELEVATION: 1084 TDZE: 1080

AIRPORT NAME:

SMITHVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, AMDT 1

JUN - 5 2008

SUP:

AMDT: ORIG

DATED: 01/23/2003

**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.

[illegible]

SUP:	
AMDT:	ORIG
DATED:	01/23/2003

**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 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
	CIVAK	CIVAK	010		HF	R	FB		061.5 (058T)	004.0	03800
	COLUX	COLUX	010	IAF	IF		FB				
	COLUX	CIVAK	020		TF		FB	1.0	331.6 (328T)	005.0	03800
	FESOR	FESOR	010	IAF	IF		FB				
	FESOR	CIVAK	020		TF		FB	1.0	151.5 (148T)	005.0	03800
		CIVAK	010	FACF	IF		FB				03800
		HAREX	020	FAF	TF		FB	0.5	061.5 (058T)	006.0	03100
		RW06	030	MAP	TF		FO	0.3	061.6 (058T)	006.1	01120

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ERAPE	040		DF		FO	1.0			03800
	ERAPE	050		HM	R	FO	2.0	241.8 (238T)	004.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVAK	N355226.88	W0860128.81	N3552.448	W08601.480
	COLUX	N354813.28	W0855810.75	N3548.221	W08558.179
	ERAPE	N360502.39	W0853701.38	N3605.040	W08537.023
	FESOR	N355640.38	W0860447.22	N3556.673	W08604.787
	HAREX	N355540.37	W0855514.67	N3555.673	W08555.245
	RW06	N355857.09	W0854853.13	N3558.952	W08548.886

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01080	40

CITY AND STATE
SMITHVILLE, TN

ELEVATION: 1084 TDZE: 1080
AIRPORT NAME:
SMITHVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 6, AMDT 1

JUN - 5 2008

SUP:
AMDT: ORIG
DATED: 01/23/2003

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 above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LNAV: RW24							
OXOVY (IAF)		ERAPE (NOPT) (FB)		331.80 / 5.00				3800		CLIMBING RIGHT TURN TO 3800 DIRECT ERAPE AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1289 TWR 355904N/0854648W AGURY TO RW24: 3.04/40.							
UKCEY (IAF)		ERAPE (NOPT) (FB)		151.74 / 5.00				3800									
ERAPE (IF/IAF)		AGURY (FB)		241.77 / 6.15				2600									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE ERAPE, RT, 241.77 INBOUND, 3800 FT. IN LIEU OF PT (IAF) 3. FAC: 241.71 FAF: AGURY DIST FAF TO MAP: 4.58 THLD: 4.58 4. MIN. ALT: ERAPE 3800, AGURY 2600 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: 4W EPOCH YEAR: 2010							
MINIMUMS																	
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		
LNAV MDA	1560	1	476	1560	1	476	1560	1 1/4	476	NA							
CIRCLING	1680	1	596	1680	1	596	1680	1 1/2	596	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 SPARTA ALTIMETER SETTING; WHEN NOT RECEIVED, USE MCMINNVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET, AND CIRCLING CAT C VISIBILITY 1/4 MILE																	
CITY AND STATE				ELEVATION: 1084 TDZE: 1084				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
SMITHVILLE, TN				AIRPORT NAME: SMITHVILLE MUNI				RNAV				RNAV (GPS) RWY 24, AMDT 1 JUN - 5 2008				AMDT: ORIG-A	
														DATED 11/30/2000			

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.3

Bearings, headings, courses, and radials are magnetic. Elevations 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, except visibilities which are in statute miles or in feet RVR.

TAA

	FROM	TO	ALT
1.	152/30 CW 332/30 (NOPT) 152/11 CW 332/11	152/11 CW 332/11 ERAPE (IF/IAF) (FB)	3900 3800
2.	332/30 CW 062/30	OXOVY (IAF) (FB)	3800
3.	062/30 CW 152/30	UKCEY (IAF) (FB)	3800

CITY AND STATE

SMITHVILLE, TN

ELEVATION: 1084 TDZE: 1084

AIRPORT NAME:

SMITHVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

JUN - 5 2008

SUP:

AMDT: ORIG-A

DATED: 11/30/2000

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

CITY AND STATE SMITHVILLE, TN	ELEVATION: 1084 TDZE: 1084 AIRPORT NAME: SMITHVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 JUN - 5 2008	SUP:
				AMDT: ORIG-A
				DATED: 11/30/2000

**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 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
	ERAPE	ERAPE	010		HF	R	FB		241.8(238T)	004.0	03800
	OXOVY	OXOVY	010	IAF	IF		FB				
	OXOVY	ERAPE	020		TF		FB	1.0	331.8(328T)	005.0	03800
	UKCEY	UKCEY	010	IAF	IF		FB				
	UKCEY	ERAPE	020		TF		FB	1.0	151.7(148T)	005.0	03800
		ERAPE	010	FACF	IF		FB				03800
		AGURY	020	FAF	TF		FB	0.5	241.8(238T)	006.2	02600
		RW24	030	MAP	TF		FO	0.3	241.7(238T)	004.6	01124

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ERAPE	040		DF	R	FO	1.0			03800
	ERAPE	050		HM	R	FO	2.0	239.7(236T)	004.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGURY	N360145.06	W0854326.36	N3601.751	W08543.439
	ERAPE	N360502.39	W0853701.38	N3605.040	W08537.023
	OXOVY	N360048.20	W0853344.16	N3600.803	W08533.736
	UKCEY	N360916.48	W0854018.95	N3609.275	W08540.316
	RW24	N355918.02	W0854812.46	N3559.300	W08548.208

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	01084	40

CITY AND STATE
SMITHVILLE, TN

ELEVATION: 1084 TDZE: 1084
AIRPORT NAME:
SMITHVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, AMDT 1

JUN - 5 2008

SUP:

AMDT: ORIG-A

DATED: 11/30/2000

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 6, 24, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

RWY 6, TREES AND TERRAIN BEGINNING 76' FROM DER, 256' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1,199' MSL. TREES BEGINNING 733' FROM DER, 11' LEFT OF CENTERLINE UP TO 100' AGL/1,119' MSL.

RWY 24, TREES AND TERRAIN BEGINNING 76' FROM DER, 8' LEFT OF CENTERLINE, UP TO 100' AGL/1,119' MSL. TREES AND TERRAIN BEGINNING 83' FROM DER, 162' RIGHT OF CENTERLINE, UP TO 100' AGL/1,179' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

SMITHVILLE, TN

(6) Airport

SMITHVILLE MUNI

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

ORIG

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 35 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 35, TREE 1510' FROM DER, 721' LEFT OF CENTERLINE, 48' AGL/68' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

ANGLETON/LAKE JACKSON, TX

(6) Airport

BRAZORIA COUNTY

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
RELAX	BACAC (FB)	212.90 / 11.27	2000	LNAV: RW13R
BRO VORTAC	FIRTA (FO)	297.47 / 13.85	2000	
HRL VOR/DME (IAF)	FIRTA (NOPT) (FB)	154.31 / 11.01	2000	CLIMBING LEFT TURN TO 2000 DIRECT FIRTA AND HOLD.
BACAC (IAF)	FIRTA (NOPT) (FB)	218.42 / 5.00	2000	
FIRTA (IF/IAF)	SANUE (FB)	128.32 / 6.30	1900	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 183 TOWER 255722N/0972915W CHART 517 TOWER 255751N/0973110W CHART VDP AT 1.14 MILES TO RW13R. SANUE TO RW13R: 3.05/55.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW FIRTA, LT, 128.32 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 128.36 FAF: SANUE DIST FAF TO MAP: 5.65 THLD: 5.65
- MIN. ALT: FIRTA 2000, SANUE 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW13R 2600

MAG VAR: 7E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: ☒ STANDARD	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	440	2400	421	440	2400	421	440	4000	421	440	5000	421				
CIRCLING	440	1	418	540	1	518	540	1 1/2	518	580	2	558				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PORT ISABEL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRO VORTAC ON AIRWAY RADIALS 258 CW 329.

SEE 8260-10

CITY AND STATE BROWNSVILLE, TX	ELEVATION: 22 TDZE: 19 AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13R, AMDT 1 JUN 5 2008	SUP: AMDT: ORIG DATED 10/30/2003

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

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NOTES CONT.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT D VISIBILITY TO RVR 6000.

CHART NOTE: VDP NA WHEN USING PORT ISABEL ALTIMETER SETTING.

CITY AND STATE

BROWNSVILLE, TX

ELEVATION: 22

TDZE: 19

AIRPORT NAME:

BROWNSVILLE/SOUTH PADRE ISLAND INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13R, AMDT 1

JUN 5 2008

SUP:

AMDT: ORIG

DATED: 10/30/2003



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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBROK4FR13R	ABRO	010BRO	K4D	0V	IF					18000		A	JS
SUSAP KBROK4FR13R	ABRO	020FIRTA	K4EA0EE	A	020TF		29750139	+	02000			A	JS
SUSAP KBROK4FR13R	AFIRTA	010FIRTA	K4EA0EE	CL	HF		12830040	+	02000	18000		A	JS
SUSAP KBROK4FR13R	AHRL	010HRL	K4D	0V	A	IF				18000		A	JS
SUSAP KBROK4FR13R	AHRL	020FIRTA	K4EA0EE		010TF		15430110	+	02000			A	JS
SUSAP KBROK4FR13R	ARELAX	010RELAX	K4EA0E		IF					18000		A	JS
SUSAP KBROK4FR13R	ARELAX	020BACACK	K4EA0E	A	020TF		21290113					A	JS
SUSAP KBROK4FR13R	ARELAX	030FIRTA	K4EA0EE		010TF		21840050	+	02000			A	JS
SUSAP KBROK4FR13R	R	010FIRTA	K4EA0E		IF			+	02000	18000		A	JS
SUSAP KBROK4FR13R	R	020SANUEK	K4EA0E		051TF		12830063	+	01900			A	JS
SUSAP KBROK4FR13R	R	030RW13RK	4PG0GY	M	031TF		12840060		00072	-305		A	JS
SUSAP KBROK4FR13R	R	040FIRTA	K4EA0EYM		L010DF			+	02000			A	JS
SUSAP KBROK4FR13R	R	050FIRTA	K4EA0EE		HL020HM		12830040	+	02000			A	JS

[illegible]

PAGE 3 OF 5 PAGES

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

[illegible]

APPROVED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BRO	BRO	010		IF		FB				
	BRO	FIRTA	020	IAF	TF		FO	2.0	297.5 (305T)	013.9	02000
	FIRTA	FIRTA	010		HF	L	FB		128.3 (135T)	004.0	02000
	HRL	HRL	010	IAF	IF		FB				
	HRL	FIRTA	020		TF		FB	1.0	154.3 (161T)	011.0	02000
	RELAX	RELAX	010		IF		FB				
	RELAX	BACAC	020	IAF	TF		FB	2.0	212.9 (220T)	011.3	02000
	RELAX	FIRTA	030		TF		FB	1.0	218.4 (225T)	005.0	02000
		FIRTA	010	FACF	IF		FB				02000
		SANUE	020	FAF	TF		FB	0.5	128.3 (135T)	006.3	01900
		RW13R	030	MAP	TF		FO	0.3	128.4 (135T)	006.0	00072

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FIRTA	040		DF	L	FO	1.0			02000
	FIRTA	050		HM	L	FO	2.0	128.3 (135T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRO	N255525.66	W0972230.97	N2555.444	W09722.516
	HRL	N261345.23	W0973906.85	N2613.754	W09739.114
	BACAC	N260649.10	W0973114.57	N2606.818	W09731.243
	FIRTA	N260317.84	W0973511.84	N2603.297	W09735.197
	RELAX	N261529.69	W0972312.66	N2615.495	W09723.211
	SANUE	N255849.23	W0973016.97	N2558.804	W09730.283
	RW13R	N255445.17	W0972552.71	N2554.770	W09725.879

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13R	00017	58

CITY AND STATE
BROWNSVILLE, TX

ELEVATION: 22 TDZE: 19
 AIRPORT NAME:
BROWNSVILLE/SOUTH PADRE ISLAND INTL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13R, AMDT 1
JUN 5 2008

SUP:
 AMDT: **ORIG**
 DATED: **10/30/2003**

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 13, 31, 35 STANDARD

RWY 17, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 502 FT PER NM TO 300.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 13, BUSH 381' FROM DER, 533' LEFT OF CENTERLINE, 15' AGL/20' MSL. FENCE 201' FROM DER, 490' LEFT OF CENTERLINE, 6' AGL/11' MSL. TREE 343' FROM DER. 468' RIGHT OF CENTERLINE, 12' AGL/17' MSL. NOTE: RWY 17, BLDG 3057' FROM DER, 339' LEFT OF CENTERLINE, 123' AGL/130' MSL. MULTIPLE POLES BEGINNING 2034' FROM DER, 87' RIGHT OF CENTERLINE, UP TO 60' AGL/70' MSL. MULTIPLE TRMSN TWRS BEGINNING 636' FROM DER, 551' RIGHT OF CENTERLINE, UP TO 55' AGL/60' MSL. TREE 460' FROM DER, 316' RIGHT OF CENTERLINE, 22' AGL/29' MSL. NOTE: RWY 31, MULTIPLE CRANES BEGINNING 4341' FROM DER, 1017' LEFT OF CENTERLINE, UP TO 131' AGL/131' MSL. NOTE: RWY 35, TREE 730' FROM DER, 501' RIGHT OF CENTERLINE, 27' AGL/32' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 130 MSL BLDG 291454.90N / 0945130.36W

(5) City, State

GALVESTON, TX

(6) Airport

SCHOLES INTL AT GALVESTON

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

4

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 17R, 35L STANDARD.

RWY 17L, 35R NA - ENVIRONMENTAL

WATERWAY 17, 35 NA - AIR TRAFFIC

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17R, MULTIPLE TREES BEGINNING 708' FROM DER, 68' LEFT OF CENTERLINE, UP TO 71' AGL/220' MSL. MULTIPLE HANGARS BEGINNING 433' FROM DER, 515' LEFT OF CENTERLINE, UP TO 37' AGL/182' MSL. DME ANTENNA 653' FROM DER, 256' LEFT OF CENTERLINE, 13' AGL/162' MSL. MULTIPLE TREES AND POLE BEGINNING 85' FROM DER, 294' RIGHT OF CENTERLINE, UP TO 45' AGL/189' MSL. NOTE: RWY 35L, MULTIPLE TREES AND POLES BEGINNING 144' FROM DER, 32' LEFT OF CENTERLINE, UP TO 79' AGL/238' MSL. MULTIPLE HANGARS AND BUILDINGS BEGINNING 85' FROM DER, 9' LEFT OF CENTERLINE, UP TO 53' AGL/202' MSL. MULTIPLE TREES, TOWERS AND POLE BEGINNING 100' FROM DER, 124' RIGHT OF CENTERLINE, UP TO 93' AGL/247' MSL. VEHICLE AND ROAD 315' FROM DER, ON CENTERLINE 15' AGL/166' MSL. BUILDING 894' FROM DER, 231' RIGHT OF CENTERLINE, 23' AGL/173' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HOUSTON, TX

(6) Airport

DAVID WAYNE HOOKS MEMORIAL

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

3

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							MISSED APPROACH										
FROM		TO		COURSE AND DISTANCE			ALTITUDE										
ZITB (IAF)		FODGE (FB)		308.81 / 6.00			1700		LNAV/VNAV: DA LNAV: RW04								
FODGE (IF)		IGNAW (FB)		038.77 / 6.47			1700		CLIMB TO 2500 DIRECT EWOFY AND CLIMBING RIGHT TURN VIA 128.89 TRACK TO CEROP AND RIGHT TURN VIA 218.90 TRACK TO WATFO AND HOLD.								
									ADDITIONAL FLIGHT DATA: HOLD SE, LT, 316.00 INBOUND. CHART FAS OBST: 189 STACK 293411N/0951201W CHART FAS OBST: 181 TANK 293521N/0951048W CHART: 226 TOWER 293247N/0951336W DISTANCE TO THLD FROM 449 HAT: 1.27 NM.								
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)																	
2. PROFILE STARTS AT FODGE																	
3. FAC: <u>038.82</u> FAF: <u>IGNAW</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u>																	
4. MIN. ALT: <u>FODGE 1700, IGNAW 1700</u>																	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>																	
6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>																	
7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS NOT CLEAR																	
8. MSA FROM: <u>RW04 3100</u>																	
MAG VAR: 5E EPOCH YEAR: 2000																	
MINIMUMS																	
TAKEOFF: <u> </u> 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		
LNAV/VNAV DA	479	1 1/2	449	479	1 1/2	449	479	1 1/2	449	479	1 1/2	449	479	1 1/2	449		
LNAV MDA	500	1	470	500	1	470	500	1 1/4	470	500	1 1/2	470	500	1 3/4	470		
CIRCLING	500	1	468	500	1	468	500	1 1/2	468	600	2	568	660	2 1/4	628		
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: CIRCLING NA WEST OF RWYS 17R AND 35L. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED																	
CITY AND STATE				ELEVATION: 32 TDZE: 30				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
HOUSTON, TX				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 4, AMDT 1				AMDT: ORIG-B	
				ELLINGTON FIELD								JUN 5 2008				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.

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KEFDK4FR04	AZITIB	0102ITIBK4EA0E	A	IF					18000		B	JS	
SUSAP	KEFDK4FR04	AZITIB	020FODGEK4EA0EE		TF		30880050	+ 01700				B	JS	
SUSAP	KEFDK4FR04	R	010FODGEK4EA0E	I	IF			+ 01700		18000		B	JS	
SUSAP	KEFDK4FR04	R	020IGNAWK4EA1E	F	051TF		03880065	+ 01700			RW04	K4PGB	JS	
SUSAP	KEFDK4FR04	R	020IGNAWK4EA2WN			ALNAV/VKAV	ALNAV						JS	
SUSAP	KEFDK4FR04	R	030RW04	K4PG0GY	M	031TF		03880050	00076		-300		B	JS
SUSAP	KEFDK4FR04	R	040EWOFYK4EA0E	M	020DF								B	JS
SUSAP	KEFDK4FR04	R	050CEROPK4EA0E		R020TFY		1289						B	JS
SUSAP	KEFDK4FR04	R	060WATFOK4EA0EY		R020TFY		2189	+ 02500					B	JS
SUSAP	KEFDK4FR04	R	070WATFOK4EA0EE		HL020HM		31600040	+ 02500					B	JS

[illegible]

PAGE 2 OF 3 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZITIB	ZITIB	010	IAF	IF		FB				
	ZITIB	FODGE	020		TF		FB		308.8(314T)	006.0	01700
		FODGE	010	FACF	IF		FB				01700
		IGNAW	020	FAP	TF		FB	0.5	038.8(044T)	006.5	01700
		RW04	030	MAP	TF		FO	0.3	038.8(044T)	005.0	00076

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EWOFY	040		DF		FB	2.0			
	CEROP	050		TF	R	FB	2.0	128.9(134T)		
	WATFO	060		TF	R	FO	2.0	218.9(224T)		02500
	WATFO	070		HM	L	FO	2.0	316.0(321T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEROP	N292934.20	W0945150.21	N2929.570	W09451.837
	EWOFY	N294027.25	W0950445.44	N2940.454	W09504.757
	FODGE	N292734.28	W0951854.33	N2927.571	W09518.906
	IGNAW	N293215.23	W0951346.40	N2932.254	W09513.773
	WATFO	N292353.91	W0945804.02	N2923.899	W09458.067
	ZITIB	N292324.53	W0951356.74	N2923.409	W09513.946
	RW04	N293553.43	W0950946.76	N2935.891	W09509.779

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00026	50

CITY AND STATE
HOUSTON, TX

ELEVATION: 32 TDZE: 30
 AIRPORT NAME:
 ELLINGTON FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 4, AMDT 1
 JUN 5 2008

SUP:
 AMDT: ORIG-B
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 4, 17R, 17L, 22, 35R, 35L STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17R, POLE 1489' FROM DER, 817' RIGHT OF CENTERLINE, 40' AGL/74' MSL. NOTE: RWY 22, ANTENNA ON BLDG 1998' FROM DER, 598' RIGHT OF CENTERLINE, 54' AGL/83' MSL. OL ON GS 327' FROM DER, 543' LEFT OF CENTERLINE, 39' AGL/68' MSL. NOTE: RWY 35R, TREE 1597' FROM DER, 32' LEFT OF CENTERLINE, 33' AGL/80' MSL. NOTE: RWY 35L, MULTIPLE TREES BEGINNING 1118' FROM DER, 679' RIGHT OF CENTERLINE, UP TO 37' AGL/77' MSL. CRANE 2352' FROM DER, 1024' LEFT OF CENTERLINE, 37' AGL/97' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HOUSTON, TX

(6) Airport

ELLINGTON FIELD

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
KABBY INT/I-BZU 22.81 DME (IAF)	KICKM INT/I-BZU 17.17 DME	084.94 / 5.64 (I-BZU)	3000*	ILS: DA LOC: 5.71 MILES AFTER JACEN INT/I-BZU 7.37 DME/RADAR OR AT I-BZU 1.66 DME FIX CLIMB TO 600 THEN CLIMBING LEFT TURN TO 4000 VIA IAH VORTAC R-019 TO CLEEP INT/IAH 22.13 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3100 VIA HUB VOR/DME R-003 TO CLEEP INT/HUB 38.61 DME AND HOLD N, RT, 183.13 INBOUND. ADDITIONAL FLIGHT DATA: HOLD N, RT, 199.13 INBOUND. CHART FAS OBST: 264 TOWER 300015N/0952726W CHART 636 TOWER 295934N/0952824W. CHART VDP AT 3.05 DME; DISTANCE VDP TO THLD 1.39 MILES. CHART LOC RWY 8R AND RWY 9. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT CLEEP.				
KICKM INT/I-BZU 17.17 DME (IF)	FLIBZ/I-BZU 10.73 DME/RADAR	084.94 / 6.44 (I-BZU)	3000*					
FLIBZ/I-BZU 10.73 DME/RADAR	JACEN INT/I-BZU 7.37 DME/RADAR	084.94 / 3.36 (I-BZU)	2000					
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u> </u> 3. FAC: <u>084.94</u> FAF: <u>JACEN INT/I-BZU 7.37 DME/RADAR</u> DIST FAF TO MAP: <u>5.71</u> THLD: <u>5.71</u> 4. MIN. ALT: <u>KABBY 3000, KICKM 3000*, FLIBZ 3000*, JACEN 2000</u> 5. DIST TO THLD FROM OM: <u>5.71</u> MM: <u>-</u> IM: <u>810 150</u> HAT: <u>-</u> 100 HAT: <u>931</u> GS ANT: <u>1140</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>JACEN INT/I-BZU 7.37 DME/RADAR CONT.</u> OM: <u>-</u> MM: <u>-</u> IM: <u>190</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.0</u> 8. MSA FROM: <u>IAH VORTAC 015-230 3100, 230-015 2400</u>				MAG VAR: <u>5E</u> EPOCH YEAR: <u>2000</u>				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	ILS: <u>STANDARD</u>	LOC: <u>STANDARD</u>		
CATEGORY ==>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 8L	296	1800	200	296	1800	200	296	1800
S-LOC 8L	600	2400	504	600	2400	504	600	5000
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 8L: DA 196 MSL, 104 RA, RVR 1200, HAT 100; CAT A, B, C, D. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 8L: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA. SEE 8260-10								
CITY AND STATE		ELEVATION: 97 TDZE: 96		FACILITY IDENTIFIER: I-BZU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
HOUSTON, TX		AIRPORT NAME:				ILS OR LOC RWY 8L, AMDT 1A ILS RWY 8L (CAT II), ILS RWY 8L (CAT III)		AMDT: 1
		GEORGE BUSH INTERCONTINENTAL/HOUSTON				JUN 5 2008		DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

LINE 6 GS ALT AT CONT. 2000

NOTES CONT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 8L CAT E VISIBILITY TO RVR 4000 AND S-LOC 8L CAT E TO 1 3/4.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8R AND RWY 9.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000.

CITY AND STATE
HOUSTON, TXELEVATION: 97 TDZE: 96
AIRPORT NAME:
GEORGE BUSH INTERCONTINENTAL/HOUSTONFACILITY
IDENTIFIER:
I-BZU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 8L, AMDT 1A
ILS RWY 8L (CAT II), ILS RWY 8L (CAT III)

JUN 5 2008

SUP:

AMDT: 1

DATED: 12/22/2005

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29**

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
DPLOY/IAH 21.16 DME/RADAR (IAF)	JELLI INT/IAH 15.52 DME/RADAR	084.94 / 5.64 (I-IAH)	5000*	ILS: DA LOC: 5.73 MILES AFTER MATON INT/IAH 5.54 DME/RADAR OR AT I-IAH 0.20 DME FIX											
JELLI INT/IAH 15.52 DME/RADAR (IF)	EELPO/IAH 9.23 DME/RADAR	084.94 / 6.29 (I-IAH)	3000*	CLIMB TO 3000 VIA HEADING 085 AND BVP NDB 085 TO MKAYE INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA HEADING 085 AND DAS VORTAC R-242 TO DAS VORTAC AND HOLD SW, LT, 061.59 INBOUND.											
EELPO/IAH 9.23 DME/RADAR	MATON INT/IAH 5.54 DME/RADAR	084.94 / 3.69 (I-IAH)	2000	ADDITIONAL FLIGHT DATA: HOLD E. RT, 264.99 INBOUND. CHART FAS OBST: 231 TOWER 295931N/0952407W CHART 636 TOWER 295934N/0952824W CHART VDP AT 0.85 DME; DISTANCE VDP TO THLD 1.04 MILES. CHART IN PLANVIEW: DAS VORTAC. CHART: LOC RWY 8L AND 9 CHART: I-IAH DME ANTENNA IN PROFILE CHART: TDZ ELEV 97 DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT DAS VORTAC. CHART HUB R-311 AT JELLI, R-329 AT MATON, AND R-038 AT MKAYE.											
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															
2. PROFILE STARTS AT DPLOY/IAH 21.16 DME/RADAR															
3. FAC: <u>084.94</u> FAF: <u>MATON INT/IAH 5.54 DME/RADAR</u> DIST FAF TO MAP: <u>5.73</u> THLD: <u>5.73</u>															
4. MIN. ALT: <u>DPLOY 7000, JELLI 5000*, EELPO 3000*, MATON 2000, SAKCO/IAH 2.26 DME 940**</u>															
5. DIST TO THLD FROM OM: <u>5.73</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1040</u>															
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>MATON 2000</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>48.6</u>															
8. MSA FROM: <u>IAH VORTAC 015-230 3100, 230-015 2400</u>				MAG VAR: 5E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: #	LOC: @									
CATEGORY =====>	A			B			C	D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 8R	297	1800	200	297	1800	200	297	1800	200	297	1800	200	297	2400	200
S-LOC 8R	940	2400	843	940	4000	843	940	2	843	940	2 1/4	843	940	2 1/2	843
SAKCO FIX MINIMUMS															
S-LOC 8R	500	2400	403	500	2400	403	500	4000	403	500	4000	403	500	5000	403
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 8R CAT E VISIBILITY TO RVR 4000 AND S-LOC 8R CAT E TO 3. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8L AND 9. CHART PLANVIEW NOTE: RADAR REQUIRED. SEE 8260-10															
CITY AND STATE				ELEVATION: 97 TDZE: 97		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
HOUSTON, TX				AIRPORT NAME:		I-IAH		ILS OR LOC RWY 8R, AMDT 22B				AMDT: 22A			
				GEORGE BUSH INTERCONTINENTAL/HOUSTON				JUN 5 2008				DATED 04/13/2006			

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTES: ADF AND RADAR OR DME REQUIRED.

SAKCO FIX MINIMUMS: FOR INOPERATIVE MALSR, INCREASE S-LOC 8R CAT E VIS TO 1 1/2.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 5000.

**LOC ONLY

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:

I-IAH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 8R, AMDT 22B

JUN 5 2008

SUP:

AMDT: 22A

DATED: 04/13/2006

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES										MISSED APPROACH						
FROM		TO			COURSE AND DISTANCE			ALTITUDE								
CHILT INT/I-UYO 22.28 DME/RADAR		MEDIC INT/I-UYO 16.64 DME/RADAR			084.95 / 5.64 (I-UYO)			4000*		ILS: DA LOC: 5.73 MILES AFTER HYWAY INT/I-UYO 5.57 DME/RADAR OR AT I-UYO 0.17 DME FIX						
MEDIC INT/I-UYO 16.64 DME/RADAR (IF)		SAYNO INT/I-UYO 10.35 DME/RADAR			084.95 / 6.29 (I-UYO)			3000*		CLIMB TO 580 THEN CLIMBING RIGHT TURN TO 3000 VIA IAH VORTAC R-130 TO JEBX INT/IAH 18.33 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 580 THEN CLIMBING RIGHT TURN TO 3000 VIA MHF VOR/DME R-296 TO JEBX INT/MHF 21.66 DME AND HOLD SE, LT, 295.50 INBOUND.						
SAYNO INT/I-UYO 10.35 DME/RADAR		HYWAY INT/I-UYO 5.57 DME/RADAR			084.95 / 4.78 (I-UYO)			2000		ADDITIONAL FLIGHT DATA: HOLD SE, LT, 309.94 INBOUND. CHART FAS OBST: 270 TOWER 295613N/0952335W CHART LOC RWY 8L/R. CHART I-UYO DME ANTENNA IN PROFILE DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT JEBX						
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)																
2. PROFILE STARTS AT CHILT																
3. FAC: <u>084.95</u> FAF: <u>HYWAY INT/I-UYO 5.57 DME/RADAR</u> DIST FAF TO MAP: <u>5.73</u> THLD: <u>5.73</u>																
4. MIN. ALT: <u>CHILT 5000, MEDIC 4000*, SAYNO 3000*, HYWAY 2000</u>																
5. DIST TO THLD FROM OM: <u>5.73</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1065</u>																
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>HYWAY INT/I-UYO 5.57 DME/RADAR CONT.</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>																
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u>																
8. MSA FROM: <u>IAH VORTAC 015-230 , 230-015 015-230 , 230-015 2400</u>																
										MAG VAR: 5E			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 9		291	2400	200	291	2400	200	291	2400	200	291	2400	200	291	2400	200
S-LOC 9		580	2400	489	580	2400	489	580	4000	489	580	5000	489	580	6000	489
NOTES:																
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 9 CAT E VISIBILITY TO RVR 4000 AND S-LOC 9 CAT E TO 1 3/4.																
CHART PLANVIEW NOTE: RADAR REQUIRED.																
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.																
SEE 8260-10																
CITY AND STATE		ELEVATION: 97 TDZE: 91			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP:			
HOUSTON, TX		AIRPORT NAME:			I-UYO		ILS OR LOC RWY 9, AMDT 7A						AMDT: 7			
		GEORGE BUSH INTERCONTINENTAL/HOUSTON					JUN 5 2008						DATED 12/22/2005			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

LINE 6 GS ALT AT CONT. 2000

NOTES CONT.

*WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RUNWAY 8L/R.

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 91
AIRPORT NAME:
GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
I-UYO

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 9, AMDT 7A
JUN 5 2008

SUP:
AMDT: 7
DATED: 12/22/2005

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29**

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DUCOZ/IAH 20.01 DME/RADAR (IAF)	GRAAF/IAH 15.01 DME/RADAR	146.96 / 5.01 (I-LKM)	3000*	LOC: 5.71 MILES AFTER JAKPO/IAH 7.73 DME/RADAR OR AT IAH 2.02 DME FIX ILS: DA
GRAAF/IAH 15.01 DME/RADAR (IF)	VETTE/IAH 12.74 DME/RADAR	146.95 / 2.27 (I-LKM)	3000*	CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 VIA IAH VORTAC R-085 TO COSBI INT/IAH 21.75 DME AND HOLD.
VETTE/IAH 12.74 DME/RADAR	JAKPO/IAH 7.73 DME/RADAR	146.95 / 5.00 (I-LKM)	2000	
				ADDITIONAL FLIGHT DATA: HOLD E, LT, 265.41 INBOUND. CHART 328 TOWER 300452N/0952450W. CHART FAS OBST: 300 TOWER 300321N/0952344W CHART VDP AT 3.25 DME; DISTANCE VDP TO THLD 1.23 MILES. CHART TDZE 97

1. PT	NA	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT DUCOZ						
3. FAC:		146.95	FAF: JAKPO/IAH 7.73 DME/RADAR		DIST FAF TO MAP:	5.71 THLD: 5.71
4. MIN. ALT: DUCOZ 3000, GRAAF 3000*, VETTE 3000*, JAKPO 2000						
5. DIST TO THLD FROM OM:		5.71	MM:	-	IM:	- 150 HAT: - 100 HAT: - GS ANT: 1125
6. MIN GS INCPT:		2000	GS ALT AT: JAKPO/IAH 7.73 DME/RADAR 2000		OM:	- MM: - IM: -
7. GS ANGLE:		3.00	TCH: 53.0			
8. MSA FROM: IAH VORTAC 015-230 3100, 230-015 2400						

EPOCH YEAR: 2000

[illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97	FACILITY IDENTIFIER: I-LKM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		ILS OR LOC RWY 15R, AMDT 1A	AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON		JUN 5 2008	DATED 04/13/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART PROFILE NOTE: VGSi AND ILS GLIDEPATH NOT COINCIDENT.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97

TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:

I-LKM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 15R, AMDT 1A

JUN 5 2008

SUP:

AMDT:

1

DATED:

04/13/2006

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MKAYE INT/I-JYV 23.10 DME (IAF)	GRIEG INT/I-JYV 17.38 DME	264.96 / 5.72 (I-JYV)	5000*	ILS: DA LOC: 5.74 MILES AFTER JEPNI INT/I-JYV 7.48 DME OR AT I-JYV 1.74 DME FIX
GRIEG INT/I-JYV 17.38 DME (IF)	KERNS INT/I-JYV 10.92 DME	264.96 / 6.46 (I-JYV)	3000*	CLIMB TO 3000 VIA HEADING 265 THEN TURN LEFT VIA HEADING 240 AND IAH VORTAC R-270 TO LUCEP/IAH 22.93 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA BVP BEARING 265 TO LUCEP INT AND HOLD W, RT, 085.02 INBOUND.
KERNS INT/I-JYV 10.92 DME	JEPNI INT/I-JYV 7.48 DME	264.96 / 3.44 (I-JYV)	2000	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 183 TREE 295935N/0951833W CHART 574 TOWER 300022N/0951257W. CHART VDP AT 2.67 DME; DISTANCE VDP TO THLD 0.93 MILES. HOLD W, RT, 090.41 INBOUND CHART HUB R-004 AT JEPNI, R-013 AT KERNS, R-028 AT GRIEG, R-038 AT MKAYE. CHART: LOC RWY 26R AND RWY 27 DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT LUCEP CHART TNV R-133 AT LUCEP
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT MKAYE 3. FAC: <u>264.96</u> FAF: <u>JEPNI INT/I-JYV 7.48 DME</u> DIST FAF TO MAP: <u>5.74</u> THLD: <u>5.74</u> 4. MIN. ALT: <u>MKAYE 7000, GRIEG 5000*, KERNS 3000*, JEPNI 2000, SOROY/I-JYV 4.02 DME 880**</u> 5. DIST TO THLD FROM OM: <u>5.74</u> MM: <u>0.48</u> IM: <u>910</u> 150 HAT: <u>-</u> 100 HAT: <u>998</u> GS ANT: <u>1042</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>JEPNI INT/I-JYV 7.48 DME 2000</u> OM: <u>-</u> MM: <u>-</u> IM: <u>190</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>48.5</u> 8. MSA FROM: <u>IAH VORTAC 015-230 3100, 230-015 2400</u>				
				MAG VAR: 5E EPOCH YEAR: 2000

[illegible][illegible]

CAT A, B 800-2, CAT C 800-2 1/4, CAT D 800-2 1/2,
CAT E 800 2 3/4

SUP:	
AMDT:	18
DATED	07/08/2004

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.

NOTES CONT.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 26R AND RWY 27.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTES: FOR INOPERATIVE ALSF, INCREASE S-ILS 26L CAT E VIS TO RVR 5000.

SOROY FIX MINIMUMS: FOR INOPERATIVE ALSF, INCREASE S-LOC 26L CAT E VIS TO RVR 6000.

**LOC ONLY

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 5000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:

I-JYV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 26L, AMDT 18A
ILS RWY 26L (CAT II), ILS RWY 26L (CAT III)

JUN 5 2008

SUP:

AMDT: 18

DATED: 07/08/2004

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.70 MILES AFTER OWELL INT/I-OND 7.36 DME OR AT I-OND 1.67 DME FIX CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 VIA IAH VORTAC R-344 TO PEPBI INT/IAH 20.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 VIA HUB VOR/DME R-344 TO PEPBI INT/HUB 38.39 DME AND HOLD N, RT, 163.71 INBOUND. ADDITIONAL FLIGHT DATA: HOLD N, RT, 163.68 INBOUND. CHART FAS OBST: 255 TOWER 300015N/0951442W CHART 585 TOWER 300023N/0951300W. CHART VDP AT 2.92 DME; DISTANCE VDP TO THLD 1.25 MILES. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT PEPBI CHART LOCALIZER RWY 26L AND RWY 27.											
NEWLY INT/I-OND 23.27 DME	RAIDS INT/I-OND 17.55 DME	264.94 / 5.72 (I-OND)	4000*												
RAIDS INT/I-OND 17.55 DME (IF)	CHUBS INT/I-OND 11.12 DME	264.96 / 6.43 (I-OND)	3000*												
CHUBS INT/I-OND 11.12 DME	OWELL INT/I-OND 7.36 DME	264.96 / 3.75 (I-OND)	2000												
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT NEWLY 3. FAC: <u>264.96</u> FAF: <u>OWELL INT/I-OND 7.36 DME</u> DIST FAF TO MAP: <u>5.70</u> THLD: <u>5.70</u> 4. MIN. ALT: <u>NEWLY 5000, RAIDS 4000*, CHUBS 3000*, OWELL 2000</u> 5. DIST TO THLD FROM OM: <u>5.70</u> MM: <u>-</u> IM: <u>780</u> 150 HAT: <u>-</u> 100 HAT: <u>875</u> GS ANT: <u>1140</u> 6. MIN GS INCP: <u>2000</u> GS ALT AT: <u>OWELL INT/I-OND 7.36 DME 2000</u> OM: <u>-</u> MM: <u>-</u> IM: <u>197</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.4</u> 8. MSA FROM: <u>IAH VORTAC 015-230 3100, 230-015 2400</u>				MAG VAR: 5E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 26R	297	1800	200	297	1800	200	297	1800	200	297	1800	200	297	2400	200
S-LOC 26R	560	2400	463	560	2400	463	560	4000	463	560	5000	463	560	6000	463
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 26R: DA 197 MSL, 101 RA, RVR 1200, HAT 100; CAT A, B, C, D. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 26R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA. SEE 8260-10															
CITY AND STATE				ELEVATION: 97 TDZE: 97		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
HOUSTON, TX				AIRPORT NAME:		I-OND		ILS OR LOC RWY 26R, AMDT 1A ILS RWY 26R (CAT II), ILS RWY 26R (CAT III) JUN 5 2008				AMDT: 1			
				GEORGE BUSH INTERCONTINENTAL/HOUSTON								DATED 12/22/2005			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 26R CAT E VISIBILITY TO RVR 4000 AND S-LOC 26R CAT E TO 1 3/4.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 26L AND RWY 27.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
I-OND

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 26R, AMDT 1A
ILS RWY 26R (CAT II), ILS RWY 26R (CAT III)

JUN 5 2008

SUP:

AMDT: 1

DATED: 12/22/2005

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29**

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TRANN INT/I-GHI 21.96 DME (IAF)	DENTO INT/I-GHI 16.24 DME	264.96 / 5.72 (I-GHI)	3000*	ILS: DA LOC: 4.22 MILES AFTER REDOC INT/I-GHI 6.02 DME OR AT IAH 1.80 DME FIX CLIMB TO 520 THEN CLIMBING LEFT TURN TO 3000 VIA IAH VORTAC R-215 TO TICOY INT/IAH 20.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 520 THEN CLIMBING LEFT TURN TO 3000 VIA SGR NDB BEARING 035 TO TICOY INT AND HOLD SW, RT, 034.75 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SW, RT, 034.90 INBOUND. CHART 264 TOWER 295848N/0951239W. CHART FAS OBST: 206 TOWER 295840N/0951659W CHART VDP AT 2.95 DME; DISTANCE VDP TO THLD 1.15 MILES. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT TICOY CHART LOC RWY 26L/R.
DENTO INT/I-GHI 16.24 DME (IF)	FESTA INT/I-GHI 9.95 DME	264.96 / 6.29 (I-GHI)	2000*	
FESTA INT/I-GHI 9.95 DME	REDOC INT/I-GHI 6.02 DME	264.96 / 3.93 (I-GHI)	1500	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)

2. PROFILE STARTS AT TRANN

3. FAC: 264.96 FAF: REDOC INT/I-GHI 6.02 DME DIST FAF TO MAP: 4.22 THLD: 4.22

4. MIN. ALT: TRANN 3000, DENTO 3000*, FESTA 2000*, REDOC 1500

5. DIST TO THLD FROM OM: 4.22 MM: - IM: 873 150 HAT: - 100 HAT: 889 GS ANT: 1035

6. MIN GS INCPT: 1500 GS ALT AT: REDOC INT/I-GHI 6.02 DME 1500 OM: - MM: - IM: 185

7. GS ANGLE: 3.00 TCH: 55.0

8. MSA FROM: IAH VORTAC 015-230 3100, 230-015 2400

MAG VAR: 5E

EPOCH YEAR: 2000

[illegible]

CITY AND STATE	ELEVATION: 97 TDZE: 86	FACILITY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HOUSTON, TX	AIRPORT NAME:	IDENTIFIER:	ILS OR LOC RWY 27, AMDT 6A	AMDT: 6
	GEORGE BUSH INTERCONTINENTAL/HOUSTON	I-GHI	ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	DATED 12/22/2005
			JUN 5 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.

NOTES CONT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 27 CAT E VISIBILITY TO RVR 4000 AND S-LOC 27 CAT E VISIBILITY TO 1 1/2.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 26 L/R.

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 2000 OR 3000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 86

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
I-GHI

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27, AMDT 6A
ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)
JUN 5 2008

SUP:

AMDT: 6

DATED: 12/22/2005

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										MISSED APPROACH								
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW15R										
DUCOZ (IAF)		GAAAF (FB)		146.87 / 5.01		3000*		CLIMB TO 2000 DIRECT JINIP AND LEFT TURN VIA 079.82 TRACK TO COSBI AND HOLD.										
GAAAF (IF)		VETTE (FB)		146.89 / 2.27		3000*												
VETTE		JAKPO (FB)		146.89 / 5.00		2000												
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)										ADDITIONAL FLIGHT DATA: HOLD E, LT, 265.41 INBOUND. CHART FAS OBST: 176 TREE 295947N/0952122W CHART FAS OBST: 264 TOWER 300133N/0952340W DISTANCE TO THLD FROM 250 HAT: 0.62 NM. WAAS CHANNEL # 97599 REFERENCE PATH ID: W15A CHART VDP AT 1.29 MILES TO RW15R** **LNAV ONLY. CHART TDZE 97								
2. PROFILE STARTS AT DUCOZ																		
3. FAC: 146.92 FAF: JAKPO DIST FAF TO MAP: 5.71 THLD: 5.71																		
4. MIN. ALT: DUCOZ 3000, GAAAF 3000*, VETTE 3000*, JAKPO 2000, MORIE/3.66 NM TO RW15R 1320**																		
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:																		
6. MIN GS INCPT: 2000 GS ALT AT: JAKPO OM: MM: IM:																		
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR																		
8. MSA FROM: RW15R 3100																		
MAG VAR: 5E EPOCH YEAR: 2000																		
MINIMUMS																		
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD								
CATEGORY ==>		A			B			C			D			E				
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA		347	2400	250	347	2400	250	347	2400	250	347	2400	250	347	2400	250		
LNAV/VNAV DA		463	4000	366	463	4000	366	463	4000	366	463	4000	366	463	4000	366		
LNAV MDA		580	2400	483	580	2400	483	580	4000	483	580	5000	483	580	6000	483		
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY TO RVR 4000 ALL CATS, LNAV/VNAV CAT E VISIBILITY TO RVR 6000, AND LNAV CAT E VISIBILITY TO 1 3/4. 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. SEE 8260-10																		
CITY AND STATE		ELEVATION: 97 TDZE: 97					FACILITY IDENTIFIER: RNAV					PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15R, AMDT 1A JUN 5 2008					SUP: 1	
HOUSTON, TX		AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON															DATED 04/13/2006	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97

TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15R, AMDT 1A

JUN 5 2008

SUP:

AMDT: 1

DATED: 04/13/2006

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIAH
RUNWAY	RW15R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	295916.1000N
LTP/FTP LONGITUDE	0952141.0300W
LTP/FTP ELLIPSOIDAL HEIGHT	+00019
FPAP LATITUDE	295748.1400N
FPAP LONGITUDE	0952047.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0024
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5A0DAC96

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00294
FPAP ORTHOMETRIC HEIGHT	+00294

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15R, AMDT 1A JUN 5 2008	SUP:
				AMDT: 1
				DATED: 04/13/2006

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIAHK4FR15R	ADUCOZ	010DUCOZK4EA0E	A	IF					18000			A	JS
SUSAP KIAHK4FR15R	ADUCOZ	020GRAAFK4EA0EE		010TF		14690050		+ 03000				A	JS
SUSAP KIAHK4FR15R	R	010GRAAFK4EA0E	I	IF				+ 03000	18000			A	JS
SUSAP KIAHK4FR15R	R	011MORIEK4EA0E	S	031TF		14690021		V 0132001328		-300		A	JS
SUSAP KIAHK4FR15R	R	020VETTEK4EA0E	S	051TF		14690023		+ 03000				A	JS
SUSAP KIAHK4FR15R	R	021JAKPOK4EA1E	F	051TF		14690050		+ 02000			RW15R K4PGA	JS	
SUSAP KIAHK4FR15R	R	021JAKPOK4EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KIAHK4FR15R	R	030PW15RK4PGOGY	M	031TF		14690037		00150		-300		A	JS
SUSAP KIAHK4FR15R	R	040JINIPK4EA0E	M	010DF								A	JS
SUSAP KIAHK4FR15R	R	050COSBIR4EA0EY		L010TFY		0798		+ 02000				A	JS
SUSAP KIAHK4FR15R	R	050COSBIR4EA0EE		HL020HM		26540040		+ 02000				A	JS

[illegible][illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 15R, AMDT 1A	AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON		JUN 5 2008	DATED: 04/13/2006

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

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PAGE 5 OF 5 PAGES

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
KABBY (IAF)	KICKM (FB)	084.74 / 5.64	3000*	LNAV/VNAV: DA LNAV: RW08L
KICKM (IF)	FLIBZ (FB)	084.79 / 6.44	3000*	CLIMB TO 4000 DIRECT JAMSU AND VIA 021.52 TRACK TO CLEEP AND HOLD.
FLIBZ	JACEN (FB)	084.79 / 3.36	2000	
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 201.52 INBOUND. CHART FAS OBST: 129 POLE 300032N/0952142W CHART FAS OBST: 274 TOWER 300115N/0952516W CHART 636 TOWERS 9 295934N/0952824W. CHART IN PLANVIEW MAXIMUM HOLDING AIRSPEED 230 KIAS. DISTANCE TO THLD FROM 338 HAT: 0.89 NM. CHART VDP AT 1.35 MILES TO RW08L** **LNAV ONLY.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT KABBY

3. FAC: 084.89 FAF: JACEN DIST FAF TO MAP: 5.71 THLD: 5.71

4. MIN. ALT: KABBY 3000, KICKM 3000*, FLIBZ 3000*, JACEN 2000

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:

6. MIN GS INCPT: 2000 GS ALT AT: JACEN OM: MM: IM:

7. GS ANGLE: 3.00 TCH: 59.0 34:1 IS CLEAR

8. MSA FROM: RW08L 3100

MAG VAR: 5E

EPOCH YEAR: 2000

[illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 96 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 8L, AMDT 2 JUN 5 2008	SUP: RNAV (GPS) Z RWY 08L AMDT: 1 DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97

TDZE: 96

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 8L, AMDT 2

JUN 5 2008

SUP: RNAV (GPS) Z RWY
08L

AMDT: 1

DATED: 12/22/2005

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

[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 96	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 8L, AMDT 2 JUN 5 2008	SUP: RNAV (GPS) Z RWY 08L
	AIRPORT NAME:			AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON			DATED: 12/22/2005

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KABBY	KABBY	010	IAF	IF		FB				
	KABBY	KICKM	020		TF		FB	1.0	084.7(090T)	005.6	03000
		KICKM	010	FACF	IF		FB				03000
		FLIBZ	020	SDF	TF		FB	0.5	084.8(090T)	006.4	03000
		JACEN	021	FAF	TF		FB	0.5	084.8(090T)	003.4	02000
		RW08L	030	MAP	TF		FO	0.3	084.9(090T)	005.7	00151

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JAMSU	040		DF		FB	1.0			
	CLEEP	050		TF		FO	1.0	021.5(027T)		04000
	CLEEP	060		HM	R	FO	2.0	201.5(207T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLEEP	N301733.95	W0951017.61	N3017.649	W09510.294
	FLIBZ	N300024.77	W0953158.72	N3000.413	W09531.979
	JACEN	N300025.26	W0952806.29	N3000.421	W09528.105
	JAMSU	N300025.85	W0952011.79	N3000.431	W09520.197
	KABBY	N300022.19	W0954553.21	N3000.370	W09545.887
	KICKM	N300023.59	W0953923.46	N3000.393	W09539.391
	RW08L	N300025.78	W0952131.65	N3000.430	W09521.528

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08L	00092	59

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 96
 AIRPORT NAME:
 GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 8L, AMDT 2
 JUN 5 2008

SUP: RNAV (GPS) Z RWY
08L
 AMDT: 1
 DATED: 12/22/2005

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DPLOY (IAF)	JELLI (FB)	084.73 / 5.64	5000*	LNAV/VNAV: DA LNAV: RW08R
JELLI (IF)	EELPO (FB)	084.79 / 6.29	3000*	CLIMB TO 3000 DIRECT MKAYE AND HOLD.
EELPO	MATON (FB)	084.79 / 3.69	2000	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 265.17 INBOUND. CHART FAS OBST: 247 TOWER 295857N/0952149W CHART FAS OBST: 259 ANTENNA 295912N/0952106W CHART 290 TOWER 300037N/0952802W. DISTANCE TO THLD FROM 403 HAT: 1.12 NM. CHART VDP AT 1.18 MILES TO RW08R** **LNAV ONLY.

MAG VAR: 5E EPOCH YEAR: 2000

[illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) Z RWY 8R, AMDT 1A	AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON		JUN 5 2008	DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

*WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 5000.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE, LNAV CAT D VISIBILITY TO RVR 6000, AND CAT E TO 1 1/2 MILE.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 97

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 8R, AMDT 1A

JUN 5 2008

SUP:

AMDT: 1

DATED: 12/22/2005

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[illegible]

PAGE 3 OF 4 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DPLOY	DPLOY	010	IAF	IF		FB				
	DPLOY	JELLI	020		TF		FB	1.0	084.7(090T)	005.6	05000
		JELLI	010	FACF	IF		FB				05000
		MATON	011	PAF	TF		FB	0.5	084.8(090T)	003.7	02000
		EELPO	020	SDF	TF		FB	0.5	084.8(090T)	006.3	03000
		RW08R	030	MAP	TF		FO	0.3	084.9(090T)	005.7	00145

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MKAYE	040		DF		FO	1.0			03000
	MKAYE	050		HM	R	FO	2.0	265.2(270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DPLOY	N295932.66	W0954553.04	N2959.544	W09545.884
	EELPO	N295935.26	W0953208.75	N2959.558	W09532.146
	JELLI	N295934.07	W0953923.35	N2959.568	W09539.389
	MATON	N295935.77	W0952753.73	N2959.596	W09527.896
	MKAYE	N295934.98	W0945455.07	N2959.583	W09454.918
	RW08R	N295936.30	W0952117.87	N2959.605	W09521.298

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW08R	00096		49

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 97
 AIRPORT NAME:
 GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 8R, AMDT 1A
 JUN 5 2008

SUP:
 AMDT: 1
 DATED: 12/22/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
CHILT (IAF)	MEDIC (FB)	084.73 / 5.64	4000*	LNAV/VNAV: DA LNAV: RW09 CLIMB TO 3000 DIRECT GOPEY AND VIA 136.72 TRACK JEBOX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 316.72 INBOUND. CHART FAS OBST: 259 ANTENNA 295912N/0952106W CHART FAS OBST: 270 TOWER 295813N/0952335W CHART VDP AT 1.63 MILES TO RW09** **LNAV ONLY. DISTANCE TO THLD FROM 457 HAT: 1.26 NM.			
MEDIC (IF)	SAYNO (FB)	084.79 / 6.29	3000*				
SAYNO	HYWAY (FB)	084.79 / 4.78	2000				

1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT CHILT	
3. FAC: <u>084.89</u> FAF: <u>HYWAY</u>	DIST FAF TO MAP: <u>5.73</u> THLD: <u>5.73</u>
4. MIN. ALT: <u>CHILT 5000, MEDIC 4000*, SAYNO 3000*, HYWAY 2000</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>HYWAY</u>	OM: <u> </u> MM: <u> </u> IM: <u> </u>
7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR	
8. MSA FROM: <u>RW09 3100</u>	MAG VAR: <u>5E</u> EPOCH YEAR: <u>2000</u>

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT									ALTERNATE: N A			
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	548	5000	457	548	5000	457	548	5000	457	548	5000	457	548	5000	457
LNAV MDA	680	2400	589	680	2400	589	680	5000	589	680	6000	589	680	1 1/2	589

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 91 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 9, AMDT 2A JUN 5 2008	SUP: AMDT: 2 DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

*WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 1/2 AND LNAV CAT E TO 2.

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 91
AIRPORT NAME:
GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Z RWY 9, AMDT 2A
JUN 5 2008

SUP:
AMDT: 2
DATED: 12/22/2005

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

[illegible]

PAGE 3 OF 4 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CHILT	CHILT	010	IAF	IF		FB				
	CHILT	MEDIC	020		TF		FB	1.0	084.7 (090T)	005.6	04000
		MEDIC	010	FACF	IF		FB				04000
		SAYNO	020	SDF	TF		FB	0.5	084.8 (090T)	006.3	03000
		HYWAY	021	FAF	TF		FB	0.5	084.8 (090T)	004.8	02000
		RW09	030	MAP	TF		FO	0.3	084.9 (090T)	005.7	00146

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GOPEY	040		DF		FB	1.0			
	JEBOX	050		TF		FO	1.0	136.7 (142T)		03000
	JEBOX	060		HM	L	FO	2.0	316.7 (322T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHILT	N295835.62	W0954553.03	N2958.594	W09545.884
	GOPEY	N295839.39	W0951842.15	N2958.657	W09518.703
	HYWAY	N295838.86	W0952638.33	N2958.648	W09526.639
	JEBOX	N294425.30	W0950550.35	N2944.422	W09505.839
	MEDIC	N295837.03	W0953923.40	N2958.617	W09539.390
	SAYNO	N295838.21	W0953208.87	N2958.637	W09532.148
	RW09	N295839.33	W0952002.79	N2958.656	W09520.047

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW09	00091		55

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 91	FACILITY IDENTIFIER: RNAV	PROCEDURE NO / AMDT NO / EFFECTIVE DATE: RNAV (GPS) Z RWY 9, AMDT 2A JUN 5 2008	SUP:
	AIRPORT NAME:			AMDT: 2
	GEORGE BUSH INTERCONTINENTAL/HOUSTON			DATED: 12/22/2005

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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
MKAYE (IAF)	GRIEG (FB)	265.16 / 5.72	5000*	LNAV/VNAV: DA LNAV: RW26L CLIMB TO 3000 DIRECT LUCEP AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 084.73 INBOUND. CHART FAS OBST: 222 TOWER 300006N/0951815W CHART FAS OBST: 424 CTRL TWR 295903N/0951941W CHART 585 TOWER 300023N/0951300W. DISTANCE TO THLD FROM 483 HAT: 1.37 NM. CHART VDP AT 1.69 MILES TO RW26L** **LNAV ONLY.			
GRIEG (IF)	KERNS (FB)	265.11 / 6.46	3000*				
KERNS	JEPNI (FB)	265.11 / 3.44	2000				

1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT MKAYE	
3. FAC: <u>265.01</u> FAF: <u>JEPNI</u> DIST FAF TO MAP: <u>5.74</u> THLD: <u>5.74</u>	
4. MIN. ALT: <u>MKAYE 7000, GRIEG 5000*, KERNS 3000*, JEPNI 2000</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>JEPNI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>48.5</u> 34:1 IS CLEAR	
8. MSA FROM: <u>RW26L 3100</u>	

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/VNAV DA	580	6000	483	580	6000	483	580	6000	483	580	6000	483	580	6000	483
LNAV MDA	680	2400	583	680	2400	583	680	5000	583	680	6000	583	680	1 1/2	583

NOTES:
 CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LNAV/VNAV CAT E VISIBILITY TO 1 3/4 AND LNAV CAT E VISIBILITY TO 2.
 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.
 SEE 8260-10

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 26L, AMDT 1A JUN 5 2008	SUP: AMDT: 1 DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

***WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 5000.**

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 97
AIRPORT NAME:
GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Z RWY 26L, AMDT 1A
JUN 5 2008

SUP:
AMDT: 1
DATED: 12/22/2005

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

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PAGE 3 OF 4 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MKAYE	MKAYE	010	IAF	IF		FB				
	MKAYE	GRIEG	020		TF		FB	1.0	265.2 (270T)	005.7	05000
		GRIEG	010	FACF	IF		FB				05000
		KERN5	020	SDF	TF		FB	0.5	265.1 (270T)	006.5	03000
		JEPNI	021	FAF	TF		FB	0.5	265.1 (270T)	003.4	02000
		RW26L	030	MAP	TF		FO	0.3	265.0 (270T)	005.7	00143

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LUCEP	040		DF		FO	1.0			03000
	LUCEP	050		HM	R	FO	2.0	084.7 (090T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GRIEG	N295935.80	W0950130.30	N2959.597	W09501.505
	JEPNI	N295935.46	W0951254.63	N2959.608	W09512.911
	KERN5	N295935.36	W0950855.65	N2959.606	W09508.944
	LUCEP	N295932.38	W0954702.14	N2959.540	W09547.036
	MKAYE	N295934.98	W0945455.07	N2959.583	W09454.918
	RW26L	N295935.38	W0951930.95	N2959.606	W09519.516

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
		TCH
RW26L	00094	56

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 97
 AIRPORT NAME:
 GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 26L, AMDT 1A
 JUN 5 2008

SUP:
 AMDT: 1
 DATED: 12/22/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NEWLY (IAF)	RAIDS (FB)	265.17 / 5.72	4000*	LNAV/VNAV: DA LNAV: RW26R CLIMB TO 3000 DIRECT CIPOD AND VIA 342.89 TRACK PEPBI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 162.89 INBOUND. CHART FAS OBST: 292 TOWER 300059N/0951947W CHART 585 TOWER 300023N/0951300W. CHART VDP AT 1.40 MILES TO RW26R** **LNAV ONLY. DISTANCE TO THLD FROM 501 HAT: 1.39 NM.
RAIDS (IF)	CHUBS (FB)	265.11 / 6.43	3000*	
CHUBS	OWELL (FB)	265.11 / 3.75	2000	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT NEWLY
3. FAC: 265.01 FAF: OWELL DIST FAF TO MAP: 5.70 THLD: 5.70
4. MIN. ALT: NEWLY 5000, RAIDS 4000*, CHUBS 3000*, OWELL 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2000 GS ALT AT: OWELL OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 59.4 34:1 IS CLEAR
8. MSA FROM: RW26R 3100

MAG VAR: 5E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	598	6000	501	598	6000	501	598	6000	501	598	6000	501	598	6000	501
LNAV MDA	600	2400	503	600	2400	503	600	5000	503	600	5000	503	600	6000	503

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000.
 CHART NOTE: FOR INOPERATIVE ALSO INCREASE LNAV/VNAV CAT E AND LNAV CAT E VISIBILITY TO 1 3/4.

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 97 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 26R, AMDT 1A JUN 5 2008	SUP:
				AMDT: 1
				DATED 12/22/2005

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

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SUP:	
AMDT:	1
DATED:	12/22/2005

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 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
	NEWLY	NEWLY	010	IAF	IF		FB				
	NEWLY	RAIDS	020		TF		FB	1.0	265.2(270T)	005.7	04000
		RAIDS	010	FACF	IF		FB				04000
		CHUBS	020	SDF	TF		FB	0.5	265.1(270T)	006.4	03000
		OWELL	021	FAF	TF		FB	0.5	265.1(270T)	003.8	02000
		RW26R	030	MAP	TF		FO	0.3	265.0(270T)	005.7	00154

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIPOD	040		DF		FB	1.0			
	PEPBI	050		TF		FO	1.0	342.9(348T)		03000
	PEPBI	060		HM	R	FO	2.0	162.9(168T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CHUBS	N300025.83	W0950856.25	N3000.431	W09508.938
	CIPOD	N300025.80	W0952109.78	N3000.430	W09521.163
	NEWLY	N300024.42	W0945456.63	N3000.407	W09454.944
	OWELL	N300025.94	W0951315.51	N3000.432	W09513.259
	PEPBI	N301704.30	W0952516.64	N3017.072	W09525.277
	RAIDS	N300025.26	W0950131.90	N3000.421	W09501.532
	RW26R	N300025.86	W0951949.29	N3000.431	W09519.822

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW26R	00095		59

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 97
 AIRPORT NAME:
 GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 26R, AMDT 1A
 JUN 5 2008

SUP:
 AMDT: 1
 DATED: 12/22/2005

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

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TERMINAL ROUTES							MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV/VNAV: DA LNAV: RW27			
TRANN (IAF)	DENTO (FB)	265.24 / 5.72	3000*	CLIMB TO 3000 DIRECT FOBIN AND VIA 215.02 TRACK TO TICoy AND HOLD.			
DENTO (IF)	FESTA (FB)	265.08 / 6.29	2000*				
FESTA	REDOC (FB)	265.08 / 3.93	1500				
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 035.02 INBOUND. CHART FAS OBST: 257 TOWER 295805N/0951541W CHART 585 TOWER 300023N/0951300W. CHART FAS OBST: 206 TOWER 295840N/0951659W DISTANCE TO THLD FROM 454 HAT: 1.26 NM. CHART VDP AT 1.15 MILES TO RW 27** **LNAV ONLY.			

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT TRANN
 3. FAC: 265.00 FAF: REDOC DIST FAF TO MAP: 4.22 THLD: 4.22
 4. MIN. ALT: TRANN 3000, DENTO 3000*, FEST A 2000*, REDOC 1500
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 1500 GS ALT AT: REDOC OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
 8. MSA FROM: RW27 3100

MAG VAR: 5E EPOCH YEAR: 2000

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/VNAV DA	540 5000 454 540 5000 454 540 5000 454 540 5000 454 540 5000 454														
LNAV MDA	520 2400 434 520 2400 434 520 4000 434 520 5000 434 520 5000 434														

NOTES:
 CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LNAV/VNAV AND LNAV CAT E VISIBILITY TO 1 1/2.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
SEE 8260-10

CITY AND STATE	ELEVATION: 97 TDZE: 86	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
Houston, TX	AIRPORT NAME:	RNAV	RNAV (GPS) Z RWY 27, AMDT 1A	AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON		JUN 5 2008	DATED 12/22/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

*WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 2000 OR 3000.

CITY AND STATE

HOUSTON, TX

ELEVATION: 97 TDZE: 86

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) Z RWY 27, AMDT 1A

JUN 5 2008

SUP:

AMDT: 1

DATED: 12/22/2005

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

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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIAHK4FR27-Z ATRANN	010	TRANNK4EA0E	A	IF						18000		B	JS
SUSAP KIAHK4FR27-Z ATRANN	020	DENTOK4EA0EE		010TF			26520057	+	03000			B	JS
SUSAP KIAHK4FR27-Z R	010	DENTOK4EA0E	I	IF				+	03000	18000		B	JS
SUSAP KIAHK4FR27-Z R	020	FESTAK4EA1E	F	051TF			26510063	+	02000		RW27	K4PGB	JS
SUSAP KIAHK4FR27-Z R	020	FESTAK4EA2WN			ALNAV/VNAV	ALNAV							JS
SUSAP KIAHK4FR27-Z R	021	REDOCK4EA1E	F	051TF			26510039	+	01500		RW27	K4PGB	JS
SUSAP KIAHK4FR27-Z R	021	REDOCK4EA2WN			ALNAV/VNAV	ALNAV							JS
SUSAP KIAHK4FR27-Z R	030	FW27 K4PGOGY	M	031TF			26500042		00139	-300		B	JS
SUSAP KIAHK4FR27-Z R	040	FOBINK4EA0E	M	010DF								B	JS
SUSAP KIAHK4FR27-Z R	050	TICOYK4EA0EY		010TF			2150	+	03000			B	JS
SUSAP KIAHK4FR27-Z R	060	TICOYK4EA0EE		HR020HM			03500040	+	03000			B	JS

[illegible][illegible]

CITY AND STATE HOUSTON, TX	ELEVATION: 97 TDZE: 86	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 27, AMDT 1A JUN 5 2008	SUP:
	AIRPORT NAME:			AMDT: 1
	GEORGE BUSH INTERCONTINENTAL/HOUSTON			DATED: 12/22/2005

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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CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 86
AIRPORT NAME:
GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Z RWY 27, AMDT 1A
JUN 5 2008

SUP:
AMDT: 1
DATED: 12/22/2005

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TRANN	TRANN	010	IAF	IF		FB				
	TRANN	DENTO	020		TF		FB	1.0	265.2 (270T)	005.7	03000
		DENTO	010	FACE	IF		FB				03000
		FESTA	020	FAF	TF		FB	0.5	265.1 (270T)	006.3	02000
		REDOC	021	FAF	TF		FB	0.5	265.1 (270T)	003.9	01500
		RW27	030	MAP	TF		FO	0.3	265.0 (270T)	004.2	00139

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FOBIN	040		DF		FB	1.0			
	TICOY	050		TF		FO	1.0	215.0 (220T)		03000
	TICOY	060		HM	R	FO	2.0	035.0 (040T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DENTO	N295839.12	W0950131.51	N2958.652	W09501.525
	FESTA	N295839.42	W0950846.05	N2958.657	W09508.768
	FOBIN	N295839.36	W0951929.41	N2958.656	W09519.490
	REDOC	N295839.50	W0951317.63	N2958.658	W09513.294
	TICOY	N294201.24	W0953528.44	N2942.021	W09535.474
	TRANN	N295837.84	W0945456.35	N2958.631	W09454.939
	RW27	N295839.41	W0951809.09	N2958.657	W09518.152

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00084	55

CITY AND STATE
HOUSTON, TX

ELEVATION: 97 TDZE: 86
 AIRPORT NAME:
 GEORGE BUSH INTERCONTINENTAL/HOUSTON

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Z RWY 27, AMDT 1A
 JUN 5 2008

SUP:
 AMDT: 1
 DATED: 12/22/2005

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 8R, 8L, 9, 27, 15L, 15R, 26L, 26R, 33L, 33R STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 8L, TREE 2866' FROM DER, 921' LEFT OF CENTERLINE, 107' AGL/201' MSL. MULTIPLE TREES BEGINNING 2750' FROM DER, 106' RIGHT OF CENTERLINE, UP TO 80' AGL/174' MSL. NOTE: RWY 15L, MULTIPLE TREES BEGINNING 2638' FROM DER, 758' RIGHT OF CENTERLINE, UP TO 76' AGL/160' MSL. NOTE: RWY 15R, TOWER 1431' FROM DER, 591' LEFT OF CENTERLINE, 48' AGL/133' MSL. ANTENNA ON GLIDESLOPE 1469' FROM DER, 621' LEFT OF CENTERLINE, 49' AGL/133' MSL. NOTE: RWY 26R, POLE 950' FROM DER, 660' RIGHT OF CENTERLINE, 40' AGL/129' MSL. NOTE: RWY 33R, TREE 2868' FROM DER, 1027' RIGHT OF CENTERLINE, 73' AGL/172' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State HOUSTON, TX	(6) Airport GEORGE BUSH INTERCONTINENTAL/HOUSTON	(7) Effective Date JUN 5 2008	(8) Amdt. No. 2

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:

RWY 9 - CLIMB HEADING 089.22 TO 2000 BEFORE TURNING LEFT.

RWY 27 - CLIMB HEADING 269.23 TO 2200 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 9, MULTIPLE HANGARS BEGINNING 239' FROM DER, 360' RIGHT OF CENTERLINE, UP TO 42' AGL/106' MSL. MULTIPLE TREES BEGINNING 501' FROM DER, 355' RIGHT OF CENTERLINE, UP TO 43' AGL/111' MSL. MULTIPLE HANGARS BEGINNING 119' FROM DER, 498' LEFT OF CENTERLINE, UP TO 41' AGL/105' MSL. POLE 332' FROM DER, 299' LEFT OF CENTERLINE, 43' AGL/97' MSL. ANTENNA 1172' FROM DER, 658' LEFT OF CENTERLINE, 51' AGL/115' MSL. MULTIPLE TREES BEGINNING 558' FROM DER, 68' LEFT OF CENTERLINE, UP TO 58' AGL/122' MSL. NOTE: RWY 27, MULTIPLE TREES BEGINNING 1050' FROM DER, 40' LEFT OF CENTERLINE, UP TO 71' AGL/140' MSL. VEHICLE AND ROAD 99' FROM DER, 291' RIGHT OF CENTERLINE, 15' AGL/83' MSL. MULTIPLE TREES BEGINNING 873' FROM DER, 514' RIGHT OF CENTERLINE, UP TO 59' AGL/130' MSL. MULTIPLE TRMSN POLES BEGINNING 1304' FROM DER, (CONT'D ON PAGE 3)

(4) CONTROLLING OBSTACLES:

RWY 9, 27: 2049 MSL TOWERS, 293341.00N/0953005.00W

(5) City, State

HOUSTON, TX

(6) Airport

HOUSTON-SOUTHWEST

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

5

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

(3) TAKEOFF OBSTACLE NOTES (CONT'D): 131' RIGHT OF CENTERLINE, UP TO 41' AGL/110' MSL

City, State HOUSTON, TX		Airport HOUSTON-SOUTHWEST		Effective Date JUN - 5 2008		Amdt. No. 5	
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date		

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 1, 14, 19, 32 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 1, MULTIPLE TREES BEGINNING 1899' FROM DER, 11' LEFT OF CENTERLINE, UP TO 80' AGL/314' MSL. OL ON GLIDESLOPE 387' FROM DER, 404' RIGHT OF CENTERLINE, 23' AGL/258' MSL. TOWER 457' FROM DER, 387' RIGHT OF CENTERLINE, 45' AGL/275' MSL. MULTIPLE TREES BEGINNING 788' FROM DER, 134' RIGHT OF CENTERLINE, UP TO 79' AGL/313' MSL. NOTE: RWY 14, MULTIPLE TREES BEGINNING 1655' FROM DER, 408' LEFT OF CENTERLINE, UP TO 81' AGL/300' MSL. OL ON DME 401' FROM DER, 266' RIGHT OF CENTERLINE, 21' AGL/ 255' MSL. MULTIPLE TREES BEGINNING 1480' FROM DER, 80' RIGHT OF CENTERLINE, UP TO 77' AGL/306' MSL. NOTE: RWY 19, MULTIPLE TREES BEGINNING 17' FROM DER, 157' LEFT OF CENTERLINE, UP TO 95' AGL/315' MSL. MULTIPLE TREES BEGINNING 68' FROM DER, 156' RIGHT OF CENTERLINE, UP TO 80' AGL/305' MSL. (CONT'D PAGE 3)

(4) CONTROLLING OBSTACLES:

(5) City, State

HOUSTON, TX

(6) Airport

LONE STAR EXECUTIVE

(7) Effective Date

JUN - 5 2008

(8) Amdt. No.

2

QUALITY
2
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

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

NOTE: RWY 32, VEHICLE AND ROAD 602' FROM DER, 551' LEFT OF CENTERLINE, 15' AGL/257' MSL. POLE 1411' FROM DER, 458' LEFT OF CENTERLINE, 29' AGL/ 268' MSL. TREE 2448' FROM DER, 990' RIGHT OF CENTERLINE, 106' AGL/325' MSL.

City, State HOUSTON, TX		Airport LONE STAR EXECUTIVE			Effective Date JUN - 5 2008	Amdt. No. 2
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

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 - CLIMB HEADING 170.28 TO 1500 BEFORE TURNING EASTBOUND.

RWY 35 - CLIMB HEADING 350.28 TO 1100 BEFORE TURNING SOUTHBOUND.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, MULTIPLE POLES BEGINNING 436' FROM DER, 172' RIGHT OF CENTERLINE, UP TO 44' AGL/124' MSL. RAILROAD 110' FROM DER, 10' LEFT OF CENTERLINE, 23' AGL/104' MSL. MULTIPLE POLES BEGINNING 135' FROM DER, 270' LEFT OF CENTERLINE, UP TO 44' AGL/111' MSL.

NOTE: RWY 35, VEHICLE AND ROAD 65' FROM DER, 2' RIGHT OF CENTERLINE, 15' AGL/96' MSL. MULTIPLE TREES BEGINNING 37' FROM DER, 275' RIGHT OF CENTERLINE, UP TO 81' AGL/164' MSL. DME ANTENNA 380' FROM DER, 253' RIGHT OF CENTERLINE, 24' AGL/100' MSL. MULTIPLE TREES BEGINNING 83' FROM DER, 65' LEFT OF CENTERLINE, UP TO 81' AGL/155' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 2049 MSL TOWERS 293415.70N/0953038.30W.

RWY 35: 2049 MSL TOWERS 293435.00N/0953037.00W.

(5) City, State
HOUSTON, TX

(6) Airport
SUGAR LAND RGNL

(7) Effective Date
JUN 5 2008

(8) Amdt. No.
7

2
CHECKED

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 27 STANDARD

RWY 9, 200-1 OR STANDARD WITH A MINIMUM CLIMB OF 399 FT PER NM TO 400.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 9, TANK 4127' FROM DER, 1455' LEFT OF CENTERLINE, 147' AGL/282' MSL. NOTE: RWY 27, RAILROAD 462' FROM DER, 555' LEFT OF CENTERLINE, 23' AGL/165' MSL. VEHICLE AND ROAD 650' FROM DER, 7' LEFT OF CENTERLINE, 17' AGL/159' MSL.

(4) CONTROLLING OBSTACLES:

RWY 9: 282 MSL TANK 295621.00N/0953716.00W

(5) City, State

HOUSTON, TX

(6) Airport

WEISER AIR PARK

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 15, VEHICLE AND ROAD BEGINNING 50' FROM DER, 57' LEFT OF CENTERLINE, 15' AGL/138' MSL. VEHICLE AND ROAD 280' FROM DER, 317' RIGHT OF CENTERLINE, 15' AGL/124' MSL. NOTE: RWY 33, BLDG 265' FROM DER, 365' LEFT OF CENTERLINE, 33' AGL/143' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HOUSTON, TX

(6) Airport

WEST HOUSTON

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

2

QUALITY
2
CHECKED

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 12L, 12R, 30L, 30R, 35 STANDARD.

RWY 4, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 270 FT PER NM TO 300.

RWY 17, 300-1.

RWY 22, STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 1500.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17 - CLIMB HEADING 173.94 TO 700 BEFORE TURNING WESTBOUND.

RWY 30L - CLIMB HEADING 308.96 TO 800 BEFORE TURNING WESTBOUND.

RWY 30R - CLIMB HEADING 308.94 TO 800 BEFORE TURNING WESTBOUND.

(3) TAKEOFF OBSTACLE NOTES: NOTE RWY 4, POLE 4403' FROM DER, 1609' RIGHT OF CENTERLINE, 121' AGL/166' MSL. LIGHT ON BUILDING 1562' FROM DER, 859' RIGHT OF CENTERLINE, 59' AGL/103' MSL. BUILDING 3990' FROM DER, 1223' RIGHT ON CENTERLINE, 139' AGL/174' MSL. LIGHT ON FLGPL 4618' FROM DER, 768' RIGHT OF CENTERLINE, 117' AGL/161' MSL. NE, NOTE: RWY 12L, ANTENNA ON HANGER 1548' FROM DER, 424' LEFT OF CENTERLINE, 45' AGL/85' MSL. NOTE: RWY 12R, VEHICLE AND ROAD 514' FROM DER, 543' RIGHT OF CENTERLINE, 17' AGL/55' MSL. TREE 1217' FROM DER, 756' RIGHT OF CENTERLINE, 43' AGL/89' MSL. FENCE 85' FROM DER, 492' LEFT OF CENTERLINE, 4' AGL/45' MSL. VEHICLE AND ROAD 176' FROM DER, 497' LEFT OF CENTERLINE, 17' AGL/55' MSL. POLE 1011' FROM DER, 696' LEFT OF CENTERLINE, 33' AGL/73' MSL. TREE 1256' FROM DER, 783' LEFT OF CENTERLINE, 38' AGL/78' MSL. (CONT.)

(4) CONTROLLING OBSTACLES:

RWY 4: 174 MSL BUILDING 293935.00N/0951526.00W

RWY 17: 150 MSL CRANE 293751.23N/0951710.97W, 2049 MSL TOWER 293430.00N/0952938.00W.

RWY 22, 30L, 30R: 2049 MSL TOWER 293430.00N/0952938.00W.

(5) City, State

HOUSTON, TX

(6) Airport

WILLIAM P. HOBBY

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

5

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, MULTIPLE POLES BEGINNING 606' FROM DER, 393' RIGHT OF CENTERLINE, UP TO 79' AGL/124' MSL. CRANE 1795' FROM DER, 689' RIGHT OF CENTERLINE, 100' AGL/150' MSL. ANT ON BLDG 620' FROM DER, 312' LEFT OF CENTERLINE, 27' AGL/72' MSL. MULTIPLE TREES BEGINNING 721' FROM DER, 260' LEFT OF CENTERLINE, UP TO 71' AGL/116' MSL. RADAR RFLTR 1214' FROM DER, 258' LEFT OF CENTERLINE, 32' AGL/77' MSL. NOTE: RWY 22, POLE 727' FROM DER, 626' RIGHT OF CENTERLINE, 28' AGL/77' MSL. TREE 1310' FROM DER, 679' RIGHT OF CENTERLINE, 27' AGL/76' MSL. ANTENNA ON LT POLE 1805' FROM DER, 968' RIGHT OF CENTERLINE, 60' AGL/109' MSL. NOTE: RWY 30L, ANTENNA ON BUILDING 547' FROM DER, 274' RIGHT OF CENTERLINE, 23' AGL/69' MSL. MULTIPLE POLES BEGINNING 341' FROM DER, 501' LEFT OF CENTERLINE, UP TO 39' AGL/84' MSL. MULTIPLE TREES BEGINNING 1392' FROM DER, 466' LEFT OF CENTERLINE, UP TO 78' AGL/118' MSL. NOTE: RWY 30R, POLE 1096' FROM DER, 785' RIGHT OF CENTERLINE, 29' AGL/75' MSL. ANTENNA ON BUILDING 500' FROM DER, 525' LEFT OF CENTERLINE, 33' AGL/69' MSL. NOTE: RWY 35, ANTENNA ON LT POLE 738' FROM DER, 519' RIGHT OF CENTERLINE, 40' AGL/86' MSL. LT POLE 1119' FROM DER, 353' RIGHT OF CENTERLINE, 31' AGL/77' MSL. ANTENNA ON BUILDING 66' FROM DER, 471' LEFT OF CENTERLINE, 33' AGL/69' MSL.

City, State HOUSTON		Airport WILLIAM P. HOBBY		Effective Date JUN 5 2008	Amdt. No. 5
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

QUALITY
CHECKED

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, 12, 23, 30 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 30 - CLIMB HEADING 301.18 TO 700 BEFORE TURNING RIGHT.

RWY 12 - CLIMB HEADING 121.17 TO 500 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, STACK 2.1 NM FROM DER, 3297' LEFT OF CENTERLINE, 330' AGL/334' MSL. NOTE: RWY 12, POLE 131' FROM DER, 261' RIGHT OF CENTERLINE, 14' AGL/38' MSL. STACK 2.2 NM FROM DER, 1.6 NM RIGHT OF CENTERLINE, 479' AGL/499' MSL.

(4) CONTROLLING OBSTACLES:

RWY 30: 589 MSL TOWERS 294252.00N / 0950543.00W

RWY 12: 499 MSL STACK 293747.00N / 0950316.00W

(5) City, State

LA PORTE, TX

(6) Airport

LA PORTE MUNI

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

4

QUALITY
2
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES					MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: GVE 9.02 DME FIX								
GVE VORTAC JODKA/GVE 20.47 DME (IF/IAF)	JODKA/GVE 20.47 DME LUYIS/GVE 14.45 DME	092.10 / 20.47 271.33 / 6.04 (I-LKU)	2900 2300	CLIMB TO 2900 DIRECT GVE VORTAC AND HOLD.								
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.00 INBOUND. CHART FAS OBST: 589 TREE 380035N/0775745W LUYIS TO RW27: 3.05/40.								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E JODKA, RT, 271.33 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC 271.33 FAF LUYIS/GVE 14.45 DME DIST FAF TO MAP <u> </u> - THLD 5.46 4. MIN. ALT JODKA 2900, LUYIS 2300 8. MSA FROM: GVE VORTAC 045-225 2000, 225-045 4900												
					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
S-27	840	1	347	840	1	347		NA		NA		
CIRCLING	920	1	427	960	1	467		NA		NA		
NOTES: CHART NOTE: CIRCLING NA N OF RWY 09-27. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: DME FROM GVE VORTAC. SIMULTANEOUS RECEPTION OF I-LKU AND GVE DME REQUIRED.												
CITY AND STATE LOUISA, VA			ELEVATION: 493 TDZE: 493 AIRPORT NAME: LOUISA COUNTY/FREEMAN FIELD			FACILITY IDENTIFIER: I-LKU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC/DME RWY 27, AMDT 2 JUN - 5 2008			SUP LOC RWY 27 AMDT 1 DATE 09/04/2003	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

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

CITY AND STATE LOUISA, VA	ELEVATION: 493 TDZE: 493	FACILITY IDENTIFIER: I-LKU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC/DME RWY 27, AMDT 2 JUN - 5 2008	SUP: LOC RWY 27
	AIRPORT NAME: LOUISA COUNTY/FREEMAN FIELD			AMDT: 1
				DATED: 09/04/2003

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 10, 400-1 WITH MINIMUM CLIMB OF 462' PER NM TO 1400 OR 2100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 28, 800-3 OR STANDARD WITH A MINIMUM CLIMB OF 366 FEET PER NM TO 1000.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 10: CLIMBING RIGHT TURN HEADING 120 TO 2000 BEFORE TURNING NORTH OR FOR CLIMB IN VISUAL CONDITIONS, CROSS CYRIL E KING AIRPORT AT OR ABOVE 2000 BEFORE PROCEEDING ON COURSE.

RWY 28: CLIMB HEADING 280.44 TO 2000 BEFORE TURNING NORTH.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, ANTENNA ON BUILDING 258' FROM DER, 485' LEFT OF CENTERLINE, 25' AGL/41' MSL. MULTIPLE TREES BEGINNING 729' FROM DER, 244' RIGHT OF CENTERLINE UP TO 100' AGL/259' MSL. POLE 300' FROM DER, 430' RIGHT OF CENTERLINE, 23' AGL/39' MSL.

NOTE: RWY 28, ANTENNA 33' FROM DER, 412' LEFT OF CENTERLINE, 16' AGL/29' MSL. BUSH 175' FROM DER, 178' RIGHT OF CENTERLINE, 2' AGL/29' MSL. BUSH 206' FROM DER, 121' LEFT OF CENTERLINE, 2' AGL/29' MSL. TREES BEGINNING 2.39 NMs FROM DER, 4351' RIGHT OF CENTERLINE, 100' AGL/710' MSL.

(4) CONTROLLING OBSTACLES:

RWY 10: 259 TREE 182013.71N/0645740.07W, 1016 TOWER 181948.00N/0645439.00W, (VCOA) 1739 TOWER 182124.65N/0645812.29W.

RWY 28: 710 TREE 182049.35N/0650133.22W, 1739 TOWER 182124.65N/0645812.29W.

(5) City, State

CHARLOTTE AMALIE, VI

(6) Airport

CYRIL E KING

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

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

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

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 3200 DIRECT HOSUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 198.83 INBOUND. CHART FAS OBST: 913 TREE 463230N/0905544W CHART FAS OBST: 1049 TREE 463027N/0905738W DISTANCE TO THLD FROM 336 HAT: 0.95 NM. WAAS CHANNEL # 72707 REFERENCE PATH ID: W02A CHART: 1109 TREE 463001N/0905755W											
ERII (IAF)	FOMLO (NOPT) (FB)	302.60 / 26.87	3600												
HYR VOR/DME (IAF)	FOMLO (NOPT) (FB)	039.36 / 26.05	3600												
CEKDA (IAF)	FOMLO (NOPT) (FB)	112.09 / 10.78	3600												
FOMLO (IF/IAF)	ELICU (FB)	018.68 / 6.01	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S FOMLO, RT, 018.68 INBOUND, 3600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>018.72</u> FAF: <u>ELICU</u> DIST FAF TO MAP: <u>6.60</u> THLD: <u>6.60</u> 4. MIN. ALT: <u>FOMLO 3600, ELICU 3000, HEPED/2.70 NM TO RW02 1700*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>ELICU</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.7</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW02 3100</u>				MAG VAR: 2E 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	1162	1 1/4	336	1162	1 1/4	336	1162	1 1/4	336	1162	1 1/4	336			
LNAV/VNAV DA	1183	1 1/4	357	1183	1 1/4	357	1183	1 1/4	357	1183	1 1/4	357			
LNAV MDA	1300	1	474	1300	1	474	1300	1 1/4	474	1300	1 1/2	474			
CIRCLING	1300	1	473	1300	1	473	1300	1 1/2	473	1380	2	553			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING IRONWOOD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE				ELEVATION: 827 TDZE: 826		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ASHLAND, WI				AIRPORT NAME:				RNAV (GPS) RWY 2, ORIG				AMDT: NONE			
				JOHN F. KENNEDY MEMORIAL				JUN 5 2008				DATED			

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.

*RNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE ALL DAS 132 FEET AND LPV AND RNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, INCREASE ALL MDAS 140 FEET AND RNAV CATS C AND D VISIBILITY 1/2 MILE, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON HYR VOR/DME AIRWAY RADIALS 031 CW 057.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 826

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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.

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KASX
RUNWAY RW02
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W02A
LTP/FTP LATITUDE 463225.9830N
LTP/FTP LONGITUDE 0905528.7495W
LTP/FTP ELLIPSOIDAL HEIGHT +02183
FPAP LATITUDE 463349.2600N
FPAP LONGITUDE 0905442.9800W
THRESHOLD CROSSING HEIGHT (TCH) 00040.7
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1168
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

F10CF8C9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02496
FPAP ORTHOMETRIC HEIGHT +02496

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 826

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE ASHLAND, WI	ELEVATION: 827 TDZE: 826	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 2, ORIG	AMDT: NONE
	JOHN F. KENNEDY MEMORIAL		JUN 5 2008	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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KASXK5GRW02 0051970188 N46322598W090552875+0100 +0218300819000041100R

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KASXK5PR02 RW02 001 0000W02A0N4632259830W09055287495+021830300N4633492600W09054429800106751168000407F400500F10CF8C9
SUSAP KASXK5PR02 RW02 002E +02496+02496LPV 72707 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KASXK5SRW02 K5PG 0 18018003125 M

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 826

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	CEKDA	CEKDA	010	IAF	IF		FB				
	CEKDA	FOMLO	020		TF		FB	1.0	112.1 (114T)	010.8	03600
	ERIYI	ERIYI	010	IAF	IF		FB				
	ERIYI	FOMLO	020		TF		FB	1.0	302.6 (305T)	026.9	03600
	FOMLO	FOMLO	010		HF	R	FB		018.7 (021T)	004.0	03600
	HYR	HYR	010	IAF	IF		FB				
	HYR	FOMLO	020		TF		FB	1.0	039.4 (041T)	026.1	03600
		FOMLO	010	FACF	IF		FB				03600
		ELICU	020	FAF	TF		FB	0.5	018.7 (021T)	006.0	03000
		HEPED	021	SDF	TF		FB	0.3	018.7 (021T)	003.9	01700
		RW02	030	MAP	TF		FO	0.3	018.7 (021T)	002.7	00860

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOSUT	040		DF		FO	1.0			03200
	HOSUT	050		HM	R	FO	2.0	198.8 (201T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HYR	N460108.42	W0912647.04	N4601.140	W09126.784
	CEKDA	N462503.42	W0911608.36	N4625.057	W09116.139
	ELICU	N462615.77	W0905851.71	N4626.263	W09058.862
	ERIYI	N460527.85	W0903000.50	N4605.464	W09030.008
	FOMLO	N462038.58	W0910155.86	N4620.643	W09101.931
	HEPED	N462954.55	W0905651.87	N4629.909	W09056.865
	HOSUT	N464336.33	W0904919.24	N4643.606	W09049.321
	RW02	N463225.98	W0905528.75	N4632.433	W09055.479

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW02	00819		41

CITY AND STATE
ASHLAND, WI

ELEVATION: 827 TDZE: 826
AIRPORT NAME:
JOHN F. KENNEDY MEMORIAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, ORIG
JUN 5 2008

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3500 DIRECT JILUL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.67 INBOUND. CHART FAS OBST: 926 ANT 463339N/0905502W 1329 AAO 463748N/0910124W DISTANCE TO THLD FROM 328 HAT: 0.91 NM. WAAS CHANNEL # 61107 REFERENCE PATH ID: W13A											
GRASS	HAKEP (FB)	342.18 / 16.85	3500												
WASPS	JAVUT (FO)	283.80 / 11.29	3500												
HAKEP (IAF)	JAVUT (NOPT) (FB)	038.28 / 5.00	3500												
JAVUT (IF/IAF)	KIGCE (FB)	128.34 / 6.01	2900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW JAVUT, RT, 128.34 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>128.43</u> FAF: <u>KIGCE</u> DIST FAF TO MAP: <u>6.28</u> THLD: <u>6.28</u> 4. MIN. ALT: <u>JAVUT 3500, KIGCE 2900, TOVLE/3.00 NM TO RW13 1820*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>KIGCE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW13 3100</u>				MAG VAR: 2E 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	1155	1 1/4	328	1155	1 1/4	328	1155	1 1/4	328	1155	1 1/4	328			
LNAV/VNAV DA	1196	1 1/4	369	1196	1 1/4	369	1196	1 1/4	369	1196	1 1/4	369			
LNAV MDA	1200	1	373	1200	1	373	1200	1	373	1200	1 1/4	373			
CIRCLING	1240	1	413	1280	1	453	1280	1 1/2	453	1380	2	553			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING IRONWOOD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE ASHLAND, WI				ELEVATION: 827 TDZE: 827 AIRPORT NAME: JOHN F. KENNEDY MEMORIAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG JUN 5 2008				SUP: AMDT: NONE DATED			

**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 GRASS VIA V217 SOUTHEAST BOUND AND V345 SOUTHWEST BOUND AND FOR ARRIVALS AT WASPS VIA V191-430 EASTBOUND.

*** LNAV ONLY**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE ALL DAS 132 FEET AND LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, INCREASE ALL MDAS 140 FEET AND LNAV CATS C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASX
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	463312.9295N
LTP/FTP LONGITUDE	0905516.6055W
LTP/FTP ELLIPSOIDAL HEIGHT	+02198
FPAP LATITUDE	463215.0600N
FPAP LONGITUDE	0905338.4800W
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	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F5E80A02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02512
FPAP ORTHOMETRIC HEIGHT	+02512

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	GRASS K50	C	L	N46211012W091065288				W0011	NAR		GRASS		
SUSAEAENRT	HAKPE K50	W		N46372227W091133272				W0011	NAR		HAKPE		
SUSAEAENRT	JAVUT K50	W		N46411094W091085097				W0011	NAR		JAVUT		
SUSAEAENRT	JILUL K50	W		N46252440W090420495				W0021	NAR		JILUL		
SUSAEAENRT	KIGCE K50	W		N46371752W091021245				W0011	NAR		KIGCE		
SUSAEAENRT	TOVLE K50	C		N46350976W090583503				W0021	NAR		TOVLE		
SUSAEAENRT	WASPS K50	R	L	N46380769W090530447				W0021	NAR		WASPS		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KASXK5AASX	0	051YHN46325470W090550830E002000827					1800018000C	MNAR	JOHN F. KENNEDY MEMORIAL				

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KASXK5FR13	AGRASS 010GRASSK5EA0E	IF								18000		A JS	
SUSAP KASXK5FR13	AGRASS 020HAKPEK5EA0E	A 020TF					34220169	+ 03500				A JS	
SUSAP KASXK5FR13	AGRASS 030JAVUTK5EA0EE	R010TFY					03830050	+ 03500				A JS	
SUSAP KASXK5FR13	AWASPS 010WASPSK5EA0E	IF							18000			A JS	
SUSAP KASXK5FR13	AWASPS 020JAVUTK5EA0EY	A 020TF					28380113	+ 03500				A JS	
SUSAP KASXK5FR13	AWASPS 030JAVUTK5EA0EB	CR HF					12830040	+ 03500				A JS	
SUSAP KASXK5FR13	R 010JAVUTK5EA0E	I IF						+ 03500	18000			A JS	
SUSAP KASXK5FR13	R 020KIGCEK5EA1E	F 051TF					12830060	+ 02900			RW13 K5PGA	JS	
SUSAP KASXK5FR13	R 020KIGCEK5EA2WALPV	ALNAV/VNAV ALNAV										JS	
SUSAP KASXK5FR13	R 021TOVLEK5EA0E	S 031TF					12840033	V 0182001828		-300		A JS	
SUSAP KASXK5FR13	R 030RW13 K5PGOGY	M 031TF					12840030	00864		-300		A JS	
SUSAP KASXK5FR13	R 040JILULK5EA0EYM	010DF						+ 03500				A JS	
SUSAP KASXK5FR13	R 050JILULK5EA0EE	HR020HM					30870040	+ 03500				A JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KASXK5GRW13	0034981285	N46331293W090551661-0400					+0219800824000040075R						

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

CITY AND STATE ASHLAND, WI	ELEVATION: 827 TDZE: 827	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG JUN 5 2008	SUP:
	AIRPORT NAME: JOHN F. KENNEDY MEMORIAL			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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

PP 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KASXK5PR13 RW13 001 0000W13A0N4633129295W09055166055+021980300N4632150600W09053384800106751688000400P400500F5E80A02
SUSAP KASXK5PR13 RW13 002E +02512+02512LPV 61107 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KASXK5SRW13 K5PG 0 18018003125 M

CITY AND STATE
ASHLAND, WI

ELEVATION: 827 TDZE: 827
AIRPORT NAME:
JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
JUN 5 2008

SUP:
AMDT: NONE
DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	GRASS	GRASS	010		IF		FB				
	GRASS	HAKEP	020	IAF	TF		FB	2.0	342.2 (344T)	016.9	03500
	GRASS	JAVUT	030		TF	R	FB	1.0	038.3 (040T)	005.0	03500
	WASPS	WASPS	010		IF		FB				
	WASPS	JAVUT	020	IAF	TF		FO	2.0	283.8 (286T)	011.3	03500
	WASPS	JAVUT	030		HF	R	FO		128.3 (130T)	004.0	03500
		JAVUT	010	FACF	IF		FB				03500
		KIGCE	020	FAF	TF		FB	0.5	128.3 (130T)	006.0	02900
		TOVLE	021	SDF	TF		FB	0.3	128.4 (130T)	003.3	01820
		RW13	030	MAP	TF		FO	0.3	128.4 (130T)	003.0	00864

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JILUL	040		DF		FO	1.0			03500
	JILUL	050		HM	R	FO	2.0	308.7 (311T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GRASS	N462110.12	W0910652.88	N4621.169	W09106.881
	HAKEP	N463722.27	W0911332.72	N4637.371	W09113.545
	JAVUT	N464110.94	W0910850.97	N4641.182	W09108.850
	JILUL	N462524.40	W0904204.95	N4625.407	W09042.083
	KIGCE	N463717.52	W0910212.45	N4637.292	W09102.208
	TOVLE	N463509.76	W0905835.03	N4635.163	W09058.584
	WASPS	N463807.69	W0905304.47	N4638.128	W09053.075
	RW13	N463312.93	W0905516.61	N4633.216	W09055.277

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00824	40

CITY AND STATE
ASHLAND, WI

ELEVATION: 827 TDZE: 827
 AIRPORT NAME:
JOHN F. KENNEDY MEMORIAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
IWD VORTAC	FESMU (FB)	290.52 / 26.06	3200	LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 3600 DIRECT FOMLO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 018.68 INBOUND. CHART FAS OBST: 939 TREE 463326N/0905416W DISTANCE TO THLD FROM 360 HAT: 1.03 NM. WAAS CHANNEL # 90307 REFERENCE PATH ID: W20A
GRASS	CEKIG (FB)	012.74 / 25.42	3200	
FESMU (IAF)	HOSUT (NOPT) (FB)	288.91 / 5.00	3200	
CEKIG (IAF)	HOSUT (NOPT) (FB)	108.73 / 6.00	3200	
HOSUT (IF/IAF)	IRORE (FB)	198.83 / 6.01	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N HOSUT, RT, 198.83 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 198.79 FAF: IRORE DIST FAF TO MAP: 5.09 THLD: 5.09
- MIN. ALT: HOSUT 3200, IRORE 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: IRORE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 34.4 34:1 IS NOT CLEAR
- MSA FROM: RW20 3100

MAG VAR: 2E

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		1187	1 1/4	360	1187	1 1/4	360	1187	1 1/4	360	1187	1 1/4	360			
LNAV/VNAV DA		1209	1 1/2	382	1209	1 1/2	382	1209	1 1/2	382	1209	1 1/2	382			
LNAV MDA		1200	1	373	1200	1	373	1200	1	373	1200	1 1/4	373			
CIRCLING		1240	1	413	1280	1	453	1280	1 1/2	453	1380	2	553			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING IRONWOOD ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ASHLAND, WI	ELEVATION: 827 TDZE: 827 AIRPORT NAME: JOHN F. KENNEDY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG JUN 5 2008	SUP: AMDT: NONE DATED

**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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE

**ALL DAS 132 FEET AND LPV ALL CATS VISIBILITY 1/2 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE,
INCREASE ALL MDAS 140 FEET AND LNAV CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT D VISIBILITY
1/4 MILE.**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IWD VORTAC AIRWAY RADIALS 240 CW 280.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GRASS VIA V345 SOUTHWEST BOUND.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KASX
RUNWAY RW20
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W20A
LTP/FTP LATITUDE 463313.9560N
LTP/FTP LONGITUDE 0905502.3850W
LTP/FTP ELLIPSOIDAL HEIGHT +02195
FPAP LATITUDE 463150.6700N
FPAP LONGITUDE 0905548.1300W
THRESHOLD CROSSING HEIGHT (TCH) 00034.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1168
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

C7AA8D72

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02509
FPAP ORTHOMETRIC HEIGHT +02509

CITY AND STATE

ASHLAND, WI

ELEVATION: 827

TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KASXK5FR20	AGRASS	010GRASSK5EA0E	IF						18000		A JS	
SUSAP	KASXK5FR20	AGRASS	020CEKIGK5EA0E	A 020TF		01270254		+ 03200				A JS	
SUSAP	KASXK5FR20	AGRASS	030HOSUTK5EA0EE	010TF		10870060		+ 03200				A JS	
SUSAP	KASXK5FR20	AHOSUT	010HOSUTK5EA0EE	CR HF		19880040		+ 03200		18000		A JS	
SUSAP	KASXK5FR20	AIWD	010IWD K5D 0V	IF						18000		A JS	
SUSAP	KASXK5FR20	AIWD	020FESMUK5EA0E	A 020TF		29050261		+ 03200				A JS	
SUSAP	KASXK5FR20	AIWD	030HOSUTK5EA0EE	010TF		28890050		+ 03200				A JS	
SUSAP	KASXK5FR20	R	010HOSUTK5EA0E	I IF				+ 03200		18000		A JS	
SUSAP	KASXK5FR20	R	020IROREK5EA1E	F 051TF		19880060		+ 02500			RW20 K5PGA	JS	
SUSAP	KASXK5FR20	R	020IROREK5EA2WALFV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KASXK5FR20	R	030RW20 K5PG0GY	M 031TF		19880051		00857		-300		A JS	
SUSAP	KASXK5FR20	R	040FOMLOK5EA0EYM	010DF				+ 03600				A JS	
SUSAP	KASXK5FR20	R	050FOMLOK5EA0EE	HR020HM		01870040		+ 03600				A JS	

[illegible]

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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SUSAP KASXK5GRW20 0051971988 N46331396W090550239-0100 +0219500823000034100R

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KASXK5PR20 RW20 001 0000W20A0N4633139560W09055023850+021950300N4631506700W09055481300106751168000344F400500C7AA8D72
 SUSAP KASXK5PR20 RW20 002E +02509+02509LPV 90307 000

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KASXK5SRW20 K5PG 0 18018003125 M

CITY AND STATE
 ASHLAND, WI

ELEVATION: 827 TDZE: 827
 AIRPORT NAME:
 JOHN F. KENNEDY MEMORIAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
 RNAV (GPS) RWY 20, ORIG
 JUN 5 2008

SUP:
 AMDT: NONE
 DATED:

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

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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
	GRASS	GRASS	010		IF		FB				
	GRASS	CEKIG	020	IAF	TF		FB	2.0	012.7(015T)	025.4	03200
	GRASS	HOSUT	030		TF		FB	1.0	108.7(111T)	006.0	03200
	HOSUT	HOSUT	010		HF	R	FB		198.8(201T)	004.0	03200
	IWD	IWD	010		IF		FB				
	IWD	FESMU	020	IAF	TF		FB	2.0	290.5(293T)	026.1	03200
	IWD	HOSUT	030		TF		FB	1.0	288.9(291T)	005.0	03200
		HOSUT	010	FACF	IF		FB				03200
		IRORE	020	FAF	TF		FB	0.5	198.8(201T)	006.0	02500
		RW20	030	MAP	TF		FO	0.3	198.8(201T)	005.1	00857

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FOMLO	040		DF		FO	1.0			03600
	FOMLO	050		HM	R	FO	2.0	018.7(021T)	004.0	03600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IWD	N463156.11	W0900733.03	N4631.935	W09007.551
	CEKIG	N464544.00	W0905728.67	N4645.733	W09057.478
	FESMU	N464149.49	W0904231.88	N4641.825	W09042.531
	FOMLO	N462038.58	W0910155.86	N4620.643	W09101.931
	GRASS	N462110.12	W0910652.88	N4621.169	W09106.881
	HOSUT	N464336.33	W0904919.24	N4643.606	W09049.321
	IRORE	N463759.14	W0905225.44	N4637.986	W09052.424
	RW20	N463313.96	W0905502.39	N4633.233	W09055.040

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW20	00823 34	

CITY AND STATE
ASHLAND, WI

ELEVATION: 827 TDZE: 827
 AIRPORT NAME:
JOHN F. KENNEDY MEMORIAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 20, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
WASPS	JILUL (FO)	147.12 / 14.82	3500	LPV: DA LNAV/VNAV: DA LNAV: RW31
GRASS	GEYEC (FB)	086.05 / 13.92	3600	
ERIYI (IAF)	JILUL (NOPT) (FB)	335.29 / 21.64	3500	CLIMB TO 3500 DIRECT JAVUT AND HOLD.
GEYEC (IAF)	JILUL (NOPT) (FB)	038.61 / 5.00	3500	
JILUL (IF/IAF)	OPITE (FB)	308.67 / 6.01	2600	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.34 INBOUND. CHART FAS OBST: 919 TREE 463222N/0905457W FAS OBST: 979 AAO 462932N/0905059W DISTANCE TO THLD FROM 293 HAT: 0.86 NM. WAAS CHANNEL # 65807 REFERENCE PATH ID: W31A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE JILUL, RT, 308.67 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
- FAC: 308.59 FAF: OPITE DIST FAF TO MAP: 5.42 THLD: 5.42
- MIN. ALT: JILUL 3500, OPITE 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: OPITE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 37.1 34:1 IS NOT CLEAR
- MSA FROM: RW31 3100

MAG VAR: 2E 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	1120	1	293	1120	1	293	1120	1	293	1120	1	293				
LNAV/VNAV DA	1189	1 1/4	362	1189	1 1/4	362	1189	1 1/4	362	1189	1 1/4	362				
LNAV MDA	1240	1	413	1240	1	413	1240	1 1/4	413	1240	1 1/4	413				
CIRCLING	1240	1	413	1280	1	453	1280	1 1/2	453	1380	2	553				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING IRONWOOD ALTIMETER SETTING. ® NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE ASHLAND, WI	ELEVATION: 827 TDZE: 827 AIRPORT NAME: JOHN F. KENNEDY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG JUN 5 2008	SUP: AMDT: NONE DATED

**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 IRONWOOD ALTIMETER SETTING AND INCREASE

ALL DAS 132 FEET AND LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, INCREASE ALL MDAS 140 FEET

AND LNAV CAT D VISIBILITY 1/2 MILE, LNAV CAT C AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT GRASS VIA V345 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ERIYI VIA V413 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT WASPS VIA V191-430 WESTBOUND.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827

TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

**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.

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASX
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	463250.4995N
LTP/FTP LONGITUDE	0905438.5645W
LTP/FTP ELLIPSOIDAL HEIGHT	+02155
FPAP LATITUDE	463348.3600N
FPAP LONGITUDE	0905616.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00037.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1688
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1ACBA980

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02469
FPAP ORTHOMETRIC HEIGHT	+02469

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

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 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	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KASXK5PR31	RW31 001 0000W31A0N4632504995W09054385645+021550300N4633483600W09056167200106751688000371F4005001ACBA980											
	SUSAP KASXK5PR31	RW31 002E +02469+02469LPV 65807 000											

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KASXK5SRW31 K5PG	0 18018003125	M										

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	ERIYI	ERIYI	010	IAF	IF		FB				
	ERIYI	JILUL	020		TF		FB	1.0	335.3(337T)	021.6	03500
	GRASS	GRASS	010		IF		FB				
	GRASS	GEYEC	020	IAF	TF		FB	2.0	086.1(088T)	013.9	03600
	GRASS	JILUL	030		TF		FB	1.0	038.6(041T)	005.0	03500
	WASPS	WASPS	010		IF		FB				
	WASPS	JILUL	020		TF		FO	2.0	147.1(149T)	014.8	03500
	WASPS	JILUL	030		HF	R	FO		308.7(311T)	004.0	03500
		JILUL	010	FACF	IF		FB				03500
		OPITE	020	FAF	TF		FB	0.5	308.7(311T)	006.0	02600
		RW31	030	MAP	TF		FO	0.3	308.6(311T)	005.4	00847

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JAVUT	040		DF		FO				03500
	JAVUT	050		HM	R	FO	2.0	128.3(130T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ERIYI	N460527.85	W0903000.50	N4605.464	W09030.008
	GEYEC	N462135.84	W0904647.24	N4621.614	W09046.787
	GRASS	N462110.12	W0910652.88	N4621.169	W09106.881
	JAVUT	N464110.94	W0910850.97	N4641.182	W09108.850
	JILUL	N462524.40	W0904204.95	N4625.407	W09042.083
	OPITE	N462919.02	W0904840.58	N4629.317	W09048.676
	WASPS	N463807.69	W0905304.47	N4638.128	W09053.075
	RW31	N463250.50	W0905438.56	N4632.842	W09054.643

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW31	00810 37

CITY AND STATE
 ASHLAND, WI

ELEVATION: 827 TDZE: 827
 AIRPORT NAME:
 JOHN F. KENNEDY MEMORIAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 31, ORIG
 JUN 5 2008

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					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE		ALTITUDE	MAP: ASX VOR/DME										
GRASS INT	ASX VOR/DME	032.84 / 14.36		3600	CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 3100 DIRECT ASX VOR/DME AND HOLD.										
WASPS INT	ASX VOR/DME	192.66 / 5.34		3600											
					ADDITIONAL FLIGHT DATA: HOLD SW, RT, 023.86 INBOUND. FAS OBST: 1309 AAO 462243N/0905728W CHART MAXIMUM PROCEDURE TURN ENTRY ALTITUDE AT 6000 FAC CROSSES RWY C/L EXTENDED 2998 FROM THLD.										
1. PT <u>L</u> SIDE OF COURSE <u>203.86</u> OUTBOUND <u>3100</u> FT WITHIN <u>10</u> MILES OF <u>ASX VOR/DME</u> (IAF) 2. _____ 3. FAC <u>023.86</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u>ASX VOR/DME 3100</u>					MAG VAR: 2E 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-2	1620	1	794	1620	1 1/4	794	1620	2 1/4	794	1620	2 1/2	794			
CIRCLING	1620	1	793	1620	1 1/4	793	1620	2 1/4	793	1620	2 1/2	793			
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET AND VISIBILITY CAT A 1/4 MILE, CAT C AND D 1/2 MILE.															
CITY AND STATE ASHLAND, WI				ELEVATION: 827 TDZE: 826 AIRPORT NAME: JOHN F. KENNEDY MEMORIAL		FACILITY IDENTIFIER: ASX		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 2, AMDT 6 JUN 5 2008				SUP VOR OR GPS RWY 2 AMDT 5 DATE 05/10/2007			

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.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 826

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

ASX

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 2, AMDT 6

JUN 5 2008

SUP: VOR OR GPS RWY 2

AMDT: 5

DATED: 05/10/2007

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										MISSED APPROACH											
FROM		TO			COURSE AND DISTANCE					ALTITUDE		MAP: ASX VOR/DME									
GRASS INT		ASX VOR/DME			032.84 / 14.36					3600		CLIMB TO 2700 THEN CLIMBING LEFT TURN TO 2900 DIRECT ASX VOR/DME AND HOLD.									
WASPS INT		ASX VOR/DME			192.66 / 5.34					3600											
										ADDITIONAL FLIGHT DATA: HOLD SE, RT, 302.48 INBOUND. FAS OBST: 1019 AAO 462730N/0904742W FAC CROSSES RWY C/L EXTENDED 3007 FROM THLD.											
1. PT <u>L</u> SIDE OF COURSE <u>122.48</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>ASX VOR/DME</u> (IAF) 2. _____ 3. FAC <u>302.48</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u>ASX VOR/DME 3100</u>										MAG VAR: 2E 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-31		1400	1	573	1400	1	573	1400	1 1/2	573	1400	1 3/4	573								
CIRCLING		1400	1	573	1400	1	573	1400	1 1/2	573	1400	2	573								
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE IRONWOOD ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET, INCREASE S-31 VISIBILITY CAT C AND D 1/2 MILE, INCREASE CIRCLING VISIBILITY CAT C 1/2 MILE, CAT D 1/4 MILE.																					
CITY AND STATE		ELEVATION: 827 TDZE: 827			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:						SUP VOR OR GPS RWY								
ASHLAND, WI		AIRPORT NAME:			ASX		VOR RWY 31, AMDT 7						31								
		JOHN F. KENNEDY MEMORIAL					JUN 5 2008						AMDT 6								
													DATE 05/10/2007								

 QUALITY
 2 4 10

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.

CITY AND STATE

ASHLAND, WI

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

JOHN F. KENNEDY MEMORIAL

FACILITY
IDENTIFIER:

ASX

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 31, AMDT 7

JUN 5 2008

SUP: VOR OR GPS RWY
31

AMDT: 6

DATED: 05/10/2007

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 2, 13, 20, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, TREES BEGINNING 52' FROM DER, 209' RIGHT OF CENTERLINE, UP TO 100' AGL/939' MSL. TREES BEGINNING 119' FROM DER, 110' LEFT OF CENTERLINE, UP TO 100' AGL/929' MSL. ANTENNA 2,411' FROM DER, 920' LEFT OF CENTERLINE, 117' AGL/926' MSL. NOTE: RWY 13, TREES BEGINNING 44' FROM DER, 161' RIGHT OF CENTERLINE, UP TO 100' AGL/878' MSL. TREES BEGINNING 831' FROM DER, 241' LEFT OF CENTERLINE, UP TO 100' AGL/868' MSL. NOTE: RWY 20, TRUCK ON ROAD 329' FROM DER, 576' RIGHT OF CENTERLINE, 15' AGL/844' MSL. TREES BEGINNING 206' FROM DER, 229' RIGHT OF CENTERLINE, UP TO 100' AGL/893' MSL. TREES BEGINNING 1152' FROM DER, 295' LEFT OF CENTERLINE, UP TO 100' AGL/893' MSL. NOTE: RWY 31, TRUCK ON ROAD 65' FROM DER, 325' RIGHT AND 331' LEFT OF CENTERLINE, 15' AGL/844' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

(5) City, State

ASHLAND, WI

(6) Airport

JOHN F. KENNEDY MEMORIAL

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

(3) TAKEOFF OBSTACLE NOTES CONTINUED: TREES BEGINNING 90' FROM DER, 172' RIGHT OF CENTERLINE, UP TO 100' AGL/919' MSL. TREES BEGINNING 34' FROM DER, 222' LEFT OF CENTERLINE, UP TO 100' AGL/838' MSL.

City, State ASHLAND, WI		Airport JOHN F. KENNEDY MEMORIAL		Effective Date JUN 5 2008		Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW04
NOYIC	FIMBU (FB)	091.98 / 9.30	3000	
IWD VORTAC	HENUP (FB)	274.96 / 30.60	3300	
FIMBU (IAF)	DAGAC (NOPT) (FB)	129.80 / 5.00	2900	CLIMB TO 2900 DIRECT JEBTO AND HOLD.
HENUP (IAF)	DAGAC (NOPT) (FB)	309.94 / 5.00	2900	
DAGAC (IF/IAF)	CEKLO (FB)	039.87 / 6.10	2700	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 220.17 INBOUND. FAS OBST: 899 AAO 464534N/0904631W 1059 AAO 464251N/0905312W CEKLO TO RW04: 3.05/40. CHART ASHLAND ASOS 126.775

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW DAGAC, RT, 039.87 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 039.94 FAF: CEKLO DIST FAF TO MAP: 6.28 THLD: 6.28
4. MIN. ALT: DAGAC 2900, CEKLO 2700
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: RW04 3100

EPOCH YEAR: 1985

[illegible]

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 ASHLAND ALTIMETER SETTING; WHEN NOT RECEIVED, USE SUPERIOR ALTIMETER SETTING AND SEE 8260-10

DATED

MADLINE ISLAND

JUN 5 2008

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

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NOTES CONT.

INCREASE ALL MDAS 80 FEET AND LNAV CAT C VISIBILITY 1/2 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IWD VORTAC VIA V148 NORTHEAST BOUND.

CITY AND STATE

LA POINTE, WI

ELEVATION: 649 TDZE: 649

AIRPORT NAME:

MADELINE ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

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.

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	DAGAC	DAGAC	010		HF	R	FB		039.9(040T)	004.0	02900
	IWD	IWD	010		IF		FB				
	IWD	HENUP	020	IAF	TF		FB	2.0	275.0(275T)	030.6	03300
	IWD	DAGAC	030		TF		FB	1.0	309.9(310T)	005.0	02900
	NOYIC	NOYIC	010		IF		FB				
	NOYIC	FIMBU	020	IAF	TF		FB		092.0(092T)	009.3	03000
	NOYIC	DAGAC	030		TF		FB	1.0	129.8(130T)	005.0	02900
		DAGAC	010	FACF	IF		FB				02900
		CEKLO	020	FAF	TF		FB	0.5	039.9(040T)	006.1	02700
		RW04	030	MAP	TF		FO	0.3	039.9(040T)	006.3	00664

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JEBTO	040		DF		FO	1.0			02900
	JEBTO	050		HM	R	FO	2.0	220.2(220T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IWD	N463156.11	W0900733.03	N4631.935	W09007.551
	CEKLO	N464219.10	W0905137.43	N4642.318	W09051.624
	DAGAC	N463738.57	W0905718.20	N4637.643	W09057.303
	FIMBU	N464050.67	W0910252.62	N4640.845	W09102.877
	HENUP	N463426.19	W0905144.44	N4634.437	W09051.741
	JEBTO	N465722.85	W0903310.39	N4657.381	W09033.173
	NOYIC	N464110.68	W0911622.20	N4641.178	W09116.370
	RW04	N464707.86	W0904545.27	N4647.131	W09045.755

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00624	40

CITY AND STATE
LA POINTE, WI

ELEVATION: 649 TDZE: 649
 AIRPORT NAME:
 MADELINE ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 4, ORIG
 JUN 5 2008

SUP:
 AMDT: NONE
 DATED:

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW22 CLIMB TO 2900 DIRECT DAGAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 039.87 INBOUND. FAS OBST: 929 AAO 464856N/0904243W IYASU TO RW22: 3.06/40. CHART: ASHLAND ASOS 126.775											
NOYIC	MEKME (FB)	052.80 / 32.31	3100												
IWD VORTAC	KULME (FB)	328.30 / 26.16	3100												
MEKME (IAF)	JEBTO (NOPT) (FB)	130.10 / 5.00	2900												
KULME (IAF)	JEBTO (NOPT) (FB)	310.24 / 5.00	2900												
JEBTO (IF/IAF)	IYASU (FB)	220.17 / 6.10	2900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE JEBTO, RT, 220.17 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: 220.10 FAF: IYASU DIST FAF TO MAP: 6.81 THLD: 6.81 4. MIN. ALT: JEBTO 2900, IYASU 2900 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW22 3100				MAG VAR: 0E 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	1300	1	651	1300	1	651	1300	1 3/4	651						
CIRCLING	1300	1	651	1300	1	651	1300	1 3/4	651						
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGS! AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE ASHLAND ALTIMETER SETTING; WHEN NOT RECEIVED, USE SUPERIOR ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND LNAV AND CAT C CAT C VISIBILITY 1/4 MILE.															
CITY AND STATE		ELEVATION: 649 TDZE: 649		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG JUN 5 2008				SUP: AMDT: NONE DATED					
LA POINTE, WI		AIRPORT NAME: MADELINE ISLAND													

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

**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.

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	IWD	IWD	010		IF		FB				
	IWD	KULME	020	IAF	TF		FB	2.0	328.3 (328T)	026.2	03100
	IWD	JEBTO	030		TF		FB	2.0	310.2 (310T)	005.0	02900
	JEBTO	JEBTO	010		HF	R	FB		220.2 (220T)	004.0	02900
	NOYIC	NOYIC	010		IF		FB				
	NOYIC	MEKME	020	IAF	TF		FB	2.0	052.8 (053T)	032.3	03100
	NOYIC	JEBTO	030		TF		FB	1.0	130.1 (130T)	005.0	02900
		JEBTO	010	FACF	IF		FB				02900
		IYASU	020	FAF	TF		FB	0.5	220.2 (220T)	006.1	02900
		RW22	030	MAP	TF		FO	0.3	220.1 (220T)	006.8	00689

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DAGAC	040		DF		FO	1.0			02900
	DAGAC	050		HM	R	FO	2.0	039.9 (040T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IWD	N463156.11	W0900733.03	N4631.935	W09007.551
	DAGAC	N463738.57	W0905718.20	N4637.643	W09057.303
	IYASU	N465243.37	W0903854.25	N4652.723	W09038.904
	JEBTO	N465722.85	W0903310.39	N4657.381	W09033.173
	KULME	N465409.28	W0902736.07	N4654.155	W09027.601
	MEKME	N470036.14	W0903845.38	N4700.602	W09038.756
	NOYIC	N464110.68	W0911622.20	N4641.178	W09116.370
	RW22	N464730.54	W0904517.55	N4647.509	W09045.293

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00649	40

CITY AND STATE
LA POINTE, WI

ELEVATION: 649 TDZE: 649
 AIRPORT NAME:
 MADELINE ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 22, ORIG
 JUN 5 2008

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 4, STANDARD

RWY 22, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 213' PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 22-CLIMB HEADING 220.02 TO 1200 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TREES BEGINNING 69' FROM DER, 5' LEFT OF CENTERLINE, UP TO 100' AGL/759' MSL. TREES BEGINNING 340' FROM DER, 52' RIGHT OF CENTERLINE, UP TO 100' AGL/759' MSL.

NOTE: RWY 22, TREES BEGINNING 1,867' FROM DER, 187' LEFT OF CENTERLINE, UP TO 100' AGL/710' MSL. TREES BEGINNING 167' FROM DER, 23' RIGHT OF CENTERLINE, UP TO 100' AGL/729' MSL.

(4) CONTROLLING OBSTACLES:

RWY 22: 899 MSL AAO 464544.00N/0904702.00W, 1602 MSL TOWER 464940.00N/0905037.00W

(5) City, State

LAPOINTE, WI

(6) Airport

MADELINE ISLAND

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

ORIG

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				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW09 CLIMB TO 3000 DIRECT CABIG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 269.79 INBOUND. CHART FAS OBST: 1199 TREE 431327N/0901427W 1259 AAO 431322N/0901850W. DISTANCE TO THLD FROM 277 HAT: 0.77 NM. WAAS CHANNEL # 78206 REFERENCE PATH ID: W09A								
DLL VORTAC	CEBLU (FB)	244.87 / 33.59	3000									
DALEY	GESLE (FB)	293.04 / 31.84	3000									
LNR VOR/DME	CEBLU (FB)	274.09 / 14.26	3000									
GESLE (IAF)	FINKO (NOPT) (FB)	359.42 / 6.00	3000									
CEBLU (IAF)	FINKO (NOPT) (FB)	179.42 / 6.00	3000									
FINKO (IF/IAF)	ESEVE (FB)	089.42 / 6.10	2600									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W FINKO, RT, 089.42 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 089.51 FAF: ESEVE _____ DIST FAF TO MAP: 5.72 THLD: 5.72 4. MIN. ALT: FINKO 3000, ESEVE 2600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2600 GS ALT AT: ESEVE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 35.0 34:1 IS NOT CLEAR 8. MSA FROM: RW09 3300				MAG VAR: 0E EPOCH YEAR: 1990								
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
LPV DA	994	1	277	994	1	277	994	1	277		NA	
LNAV/VNAV DA	1659	2	942	1659	2	942	1659	2 3/4	942		NA	
LNAV MDA	1460	1	743	1460	1 1/4	743	1460	2 1/4	743		NA	
CIRCLING	1520	1	803	1520	1 1/4	803	1520	2 1/4	803		NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING BOSCOBEL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE			ELEVATION: 717 TDZE: 717		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:		
LONE ROCK, WI			AIRPORT NAME: TRI-COUNTY RGNL				RNAV (GPS) RWY 9, ORIG			AMDT: NONE		
							JUN 5 2008			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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LNR VOR/DME VIA AIRWAY RADIALS 270 CW 303.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DLL VORTAC VIA V82 - 172 - 510 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DALEY VIA V341 NORTHEAST BOUND.

CHART PLANVIEW AND PROFILE NOTE: LNAV/VNAV FLY VISUAL TO AIRPORT, 090 DEGREES - 3.0 MILES.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOSCOBEL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET, AND ALL VISIBILITIES 1/4 MILE.

CITY AND STATE

LONE ROCK, WI

ELEVATION: 717 TDZE: 717

AIRPORT NAME:

TRI-COUNTY RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLNR
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	431245.3035N
LTP/FTP LONGITUDE	0901113.8070W
LTP/FTP ELLIPSOIDAL HEIGHT	+01837
FPAP LATITUDE	431245.9000N
FPAP LONGITUDE	0900911.9700W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
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

49AC7974

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02178
FPAP ORTHOMETRIC HEIGHT	+02178

CITY AND STATE LONE ROCK, WI	ELEVATION: 717 TDZE: 717 AIRPORT NAME: TRI-COUNTY RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG	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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLN	RK5	FR09	ADALEY	010DALEYK5EA0E	IF				18000		A	JS
SUSAP	KLN	RK5	FR09	ADALEY	020GESLEK5EA0E	A 020TF	29300318	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	ADALEY	030FINKOK5EA0EE	010TF	35940060	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	ADLL	010DLL K5D 0V	IF				18000		A	JS
SUSAP	KLN	RK5	FR09	ADLL	020CEBLUK5EA0E	A 020TF	24490336	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	ADLL	030FINKOK5EA0EE	010TF	17940060	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	AFINKO	010FINKOK5EA0EE	CR HF	08940040	+ 03000		18000		A	JS
SUSAP	KLN	RK5	FR09	ALNR	010LNR K5D 0V	L IF				18000		A	JS
SUSAP	KLN	RK5	FR09	ALNR	020CEBLUK5EA0E	AL020TFY	27410143	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	ALNR	030FINKOK5EA0EE	010TF	17940060	+ 03000				A	JS
SUSAP	KLN	RK5	FR09	R	010FINKOK5EA0E	I IF		+ 03000		18000		A	JS
SUSAP	KLN	RK5	FR09	R	020ESEVEK5EA1E	F 051TF	08940061	+ 02600			RW09 K5PGA	JS	
SUSAP	KLN	RK5	FR09	R	020ESEVEK5EA2	WALPV	ALNAV/VNAV	ALNAV				JS	
SUSAP	KLN	RK5	FR09	R	030RW09 K5PG0GY	M 031TF	08950057	00750		-300		A	JS
SUSAP	KLN	RK5	FR09	R	040CABIGK5EA0EYM	010DF		+ 03000				A	JS

CITY AND STATE

LONE ROCK, WI

ELEVATION: 717 TDZE: 717

AIRPORT NAME:

TRI-COUNTY RGNL

FACILITY

IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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A JS

SUSAP KLNRK5GRW09 0050000896 N43124530W090111381+0000 +0183700715000035075R

SUSAP_KLNRRK5PR09	RW09_001	0000W09A0N4312453035W09011138070+018370300N4312459000W09009119700106751224000350F40050049AC7974
SUSAP_KLNRRK5PR09	RW09_002	+02178+02178LPV 78206 000

SUSAP KLN RK5SRW09 K5PG 0 18018003325

PAGE 5 OF 6 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DALEY	DALEY	010		IF		FB				
	DALEY	GESLE	020	IAF	TF		FB	2.0	293.0(293T)	031.8	03000
	DALEY	FINKO	030		TF		FB	1.0	359.4(359T)	006.0	03000
	DLL	DLL	010		IF		FB				
	DLL	CEBLU	020	IAF	TF		FB	2.0	244.9(245T)	033.6	03000
	DLL	FINKO	030		TF		FB	1.0	179.4(179T)	006.0	03000
	FINKO	FINKO	010		HF	R	FB		089.4(089T)	004.0	03000
	LNR	LNR	010		IF	L	FB				
	LNR	CEBLU	020	IAF	TF	L	FB	2.0	274.1(274T)	014.3	03000
	LNR	FINKO	030		TF		FB	1.0	179.4(179T)	006.0	03000
		FINKO	010	FACF	IF		FB				03000
		ESEVE	020	FAF	TF		FB	0.5	089.4(089T)	006.1	02600
		RW09	030	MAP	TF		FO	0.3	089.5(090T)	005.7	00750

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CABIG	040		DF		FO	1.0			03000
	CABIG	050		HM	R	FO	2.0	269.8(270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLL	N433303.03	W0894549.05	N4333.051	W08945.818
	LNR	N431739.85	W0900759.33	N4317.664	W09007.989
	CABIG	N431249.33	W0895356.48	N4312.822	W08953.941
	CEBLU	N431839.26	W0902728.56	N4318.654	W09027.476
	DALEY	N425418.10	W0894718.24	N4254.302	W08947.304
	ESEVE	N431242.64	W0901903.10	N4312.711	W09019.052
	FINKO	N431239.21	W0902723.57	N4312.654	W09027.393
	GESLE	N430639.15	W0902718.59	N4306.653	W09027.310
	RW09	N431245.30	W0901113.81	N4312.755	W09011.230

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW09	00715	35

CITY AND STATE
LONE ROCK, WI

ELEVATION: 717 TDZE: 717
 AIRPORT NAME:
 TRI-COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 9, ORIG
 JUN 5 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES				MISSED APPROACH												
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW27. CLIMB TO 3000 DIRECT FINKO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 089.42 INBOUND. CHART FAS OBST: 1159 TREE 431304N/0900841W CHART 1188 TREE 431243N/0900546W. DISTANCE TO THLD FROM 658 HAT: 1.96 NM. WAAS CHANNEL # 69506 REFERENCE PATH ID: W27A												
DALEY	CABIG (FO)	345.31 / 19.14	3200													
LNR VOR/DME	CABIG (FO)	115.17 / 11.35	3000													
MSN VORTAC (IAF)	CABIG (NOPT) (FB)	279.74 / 24.90	3000													
DLL VORTAC (IAF)	CABIG (NOPT) (FB)	196.37 / 21.07	3000													
CABIG (IF/IAF)	DIYAS (FB)	269.79 / 6.10	2600													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E CABIG, RT, 269.79 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>269.70</u> FAF: <u>DIYAS</u> DIST FAF TO MAP: <u>5.72</u> THLD: <u>5.72</u> 4. MIN. ALT: <u>CABIG 3000, DIYAS 2600, CEKDO/3.00 NM TO RW27 1680*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>DIYAS</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>33.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW27 3300</u>				MAG VAR: 0E EPOCH YEAR: 1990												
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	
LPV DA	1375	2	658	1375	2	658	1375	2	658		NA					
LNAV/VNAV DA	1584	2	867	1584	2	867	1584	2 1/2	867		NA					
LNAV MDA	1420	1	703	1420	1	703	1420	2	703		NA					
CIRCLING	1520	1	803	1520	1 1/4	803	1520	2 1/4	803		NA					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING BOSCOBEL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																
CITY AND STATE LONE ROCK, WI		ELEVATION: 717 TDZE: 717 AIRPORT NAME: TRI-COUNTY RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG JUN 5 2008		SUP: AMDT: NONE DATED								

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

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NOTES CONT.***RNAV ONLY****CHART PLANVIEW AND PROFILE NOTE: LPV FLY VISUAL TO AIRPORT, 270 DEGREES - 2.0 MILES.****CHART PLANVIEW AND PROFILE NOTE: RNAV/VNAV FLY VISUAL TO AIRPORT, 270 DEGREES - 2.6 MILES.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOSCOBEL ALTIMETER SETTING AND INCREASE****ALL DAS/MDAS 60 FEET AND ALL VISIBILITIES 1/4 MILE.**

CITY AND STATE

LONE ROCK, WI

ELEVATION: 717 TDZE: 717

AIRPORT NAME:

TRI-COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLNR
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	431245.6440N
LTP/FTP LONGITUDE	0901006.2870W
LTP/FTP ELLIPSOIDAL HEIGHT	+01844
FPAP LATITUDE	431245.0200N
FPAP LONGITUDE	0901208.1300W
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

241D2811

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02185
FPAP ORTHOMETRIC HEIGHT	+02185

CITY AND STATE

LONE ROCK, WI

ELEVATION: 717 TDZE: 717

AIRPORT NAME:

TRI-COUNTY RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

JUN 5 2008

SUP:

AMD'T: NONE

DATED:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLNRK5FR27	ADALEY	010DALEYK5EA0E	IF						18000		A JS	
SUSAP	KLNRK5FR27	ADALEY	020CABIGK5EA0EY	A 020TF		34530191		+ 03200				A JS	
SUSAP	KLNRK5FR27	ADALEY	030CABIGK5EA0EB	CR HF		26980040		+ 03000				A JS	
SUSAP	KLNRK5FR27	ADLL	010DLL K5D 0V	A IF						18000		A JS	
SUSAP	KLNRK5FR27	ADLL	020CABIGK5EA0EE	010TF		19640211		+ 03000				A JS	
SUSAP	KLNRK5FR27	ALNR	010LNR K5D 0V	IF						18000		A JS	
SUSAP	KLNRK5FR27	ALNR	020CABIGK5EA0EY	A 020TF		11520114		+ 03000				A JS	
SUSAP	KLNRK5FR27	ALNR	030CABIGK5EA0EB	CR HF		26980040		+ 03000				A JS	
SUSAP	KLNRK5FR27	AMSN	010MSN K5D 0V	A IF						18000		A JS	
SUSAP	KLNRK5FR27	AMSN	020CABIGK5EA0EE	010TF		27970249		+ 03000				A JS	
SUSAP	KLNRK5FR27	R	010CABIGK5EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KLNRK5FR27	R	020DIYASK5EA1E	F 051TF		26980061		+ 02600			RW27 K5PGA	JS	
SUSAP	KLNRK5FR27	R	020DIYASK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KLNRK5FR27	R	021CEKDOK5EA0E	S 031TF		26970027		V 0168001714		-300		A JS	
SUSAP	KLNRK5FR27	R	030RW27 K5PG0GY	M 031TF		26970030		00750		-300		A JS	

SUP: _____
AMDT: **NONE**
DATED: _____

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A JS
A JS

SUSAP KLN RK5GRW27 0050002696 N43124564W090100629+0000 +0184400717000033075R

SUSAP	KLNRK5PR27	RW27	001	0000W27A0N4312456440W09010062870+018440300N4312450200W09012081300106751224000330F400500241D2811
SUSAP	KLNRK5PR27	RW27	002	+02185+02185LPV 69506 000

SUSAP KLN RK5SRW27 K5PG 0 18018003325

SUP:	
AMDT:	NONE
DATED:	

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	DALEY	DALEY	010		IF		FB				
	DALEY	CABIG	020	IAF	TF		FO	2.0	345.3(345T)	019.1	03200
	DALEY	CABIG	030		HF	R	FO		269.8(270T)	004.0	03000
	DLL	DLL	010	IAF	IF		FB				
	DLL	CABIG	020		TF		FB	1.0	196.4(196T)	021.1	03000
	LNR	LNR	010		IF		FB				
	LNR	CABIG	020	IAF	TF		FO	2.0	115.2(115T)	011.4	03000
	LNR	CABIG	030		HF	R	FO		269.8(270T)	004.0	03000
	MSN	MSN	010	IAF	IF		FB				
	MSN	CABIG	020		TF		FB	1.0	279.7(280T)	024.9	03000
		CABIG	010	FACF	IF		FB				03000
		DIYAS	020	FAF	TF		FB	0.5	269.8(270T)	006.1	02600
		CEKDO	021	SDF	TF		FB	0.3	269.7(270T)	002.7	01680
		RW27	030	MAP	TF		FO	0.3	269.7(270T)	003.0	00750

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FINKO	040		DF		FO	1.0			03000
	FINKO	050		HM	R	FO	2.0	089.4(089T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLL	N433303.03	W0894549.05	N4333.051	W08945.818
	LNR	N431739.85	W0900759.33	N4317.664	W09007.989
	MSN	N430841.38	W0892022.92	N4308.690	W08920.382
	CABIG	N431249.33	W0895356.48	N4312.822	W08953.941
	CEKDO	N431246.79	W0900600.15	N4312.780	W09006.003
	DALEY	N425418.10	W0894718.24	N4254.302	W08947.304
	DIYAS	N431247.71	W0900217.30	N4312.795	W09002.288
	FINKO	N431239.21	W0902723.57	N4312.654	W09027.393
	RW27	N431245.64	W0901006.29	N4312.761	W09010.105

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00717	33

CITY AND STATE
LONE ROCK, WI

ELEVATION: 717 TDZE: 717
 AIRPORT NAME:
 TRI-COUNTY RGNL

FACILITY IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 27, ORIG
 JUN 5 2008

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					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.12 MILES AFTER LNR VOR/DME OR AT MAGJA/LNR 5.12 DME FIX CLIMB TO 3000 THEN LEFT TURN DIRECT LNR VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 203.07 INBOUND. CHART FAS OBST: 1219 TREE 431403N/0901100W FAC CROSSES MID POINT OF RWY 9-27. 1399 AAO 431739N/0900802W											
DLL VORTAC (IAF)	SLICE INT/LNR 10.20 DME (NOPT)	240.80 / 13.55	3000												
SLICE INT/LNR 10.20 DME (IF)	LNR VOR/DME	203.07 / 10.20	3000												
1. PT <u>L</u> SIDE OF COURSE <u>023.07</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>LNR VOR/DME</u> (IAF) 2. _____ 3. FAC <u>203.07</u> FAF LNR VOR/DME _____ DIST FAF TO MAP <u>5.12</u> THLD _____ 4. MIN. ALT <u>LNR VOR/DME 3000, CEGOM/3.42 DME 1660*</u> 8. MSA FROM: <u>LNR VOR/DME 3300</u>					MAG VAR: 0E EPOCH YEAR: 1990										
MINIMUMS															
TAKEOFF: ☐	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: NA		②								
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	1660	1 1/4	943	1660	1 1/4	943	1660	2 3/4	943		NA				
CEGOM FIX MINIMUMS															
CIRCLING	1520	1	803	1520	1 1/4	803	1520	2 1/4	803		NA				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOSCOBEL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FT, AND ALL VISIBILITIES 1/4 MILE. * 1720 WHEN USING BOSCOBEL ALTIMETER SETTING.															
CITY AND STATE LONE ROCK, WI		ELEVATION: 717 TDZE:		FACILITY IDENTIFIER: LNR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 7 JUN 5 2008				SUP VOR OR GPS-A					
		AIRPORT NAME:								AMDT 6					
		TRI-COUNTY RGNL								DATE 10/18/1990					

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				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW09 CLIMB TO 3000 DIRECT PEENA AND RIGHT TURN VIA 092.57 TRACK TO PINKY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.00 INBOUND. FAS OBST: 1099 AAO 435838N/0884125W CHART VDP AT 1.61 MILES TO RW09. CEKEP TO RW09: 3.04/50.											
BIPID	CEBMU (FB)	176.46 / 28.51	3000												
BADAN	GUGCE (FB)	348.97 / 10.21	3000												
CEBMU (IAF)	HETUP (NOPT) (FB)	179.37 / 5.00	3000												
GUGCE (IAF)	HETUP (NOPT) (FB)	359.37 / 5.00	3000												
HETUP (IF/IAF)	CEKEP (FB)	089.37 / 6.01	2500												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W HETUP, RT, 089.37 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 089.47 FAF: CEKEP _____ DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: HETUP 3000, CEKEP 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 CLEAR 8. MSA FROM: RW09 2600				MAG VAR: 1E EPOCH YEAR: 1975											
MINIMUMS															
TAKEOFF:	☐ STANDARD	☒ 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	1360	3/4	563	1360	3/4	563	1360	1 1/2	563	1360	1 3/4	563			
CIRCLING	1360	1	552	1360	1	552	1360	1 1/2	552	1360	2	552			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-9 CAT C AND FOND DU LAC COUNTY ALTIMETER SETTING @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CAT C. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 808 TDZE: 797		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
OSHKOSH, WI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 9, ORIG				AMDT: NONE					
		WITTMAN RGNL				JUN 5 2008				DATED					

**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 FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET, INCREASE S-09 VISIBILITY CAT C AND CAT D 1/4 MILE AND CIRCLING CAT C 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BIPID VIA V191 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BADAN VIA V9-341 SOUTHWEST BOUND.

CITY AND STATE

OSHKOSH, WI

ELEVATION: 808

TDZE: 797

AIRPORT NAME:

WITTMAN RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOSHK5FR09	ABADAN	010BADANK5EA0E	IF							18000		B JS	
SUSAP KOSHK5FR09	ABADAN	020GUGCEK5EA0E	A 020TF				34900102	+ 03000				B JS	
SUSAP KOSHK5FR09	ABADAN	030HETUPK5EA0EE	010TF				35940050	+ 03000				B JS	
SUSAP KOSHK5FR09	ABIPID	010BIPIDK5EA0E	IF							18000		B JS	
SUSAP KOSHK5FR09	ABIPID	020CEBMUK5EA0E	A 020TF				17650285	+ 03000				B JS	
SUSAP KOSHK5FR09	ABIPID	030HETUPK5EA0EE	010TF				17940050	+ 03000				B JS	
SUSAP KOSHK5FR09	AHETUP	010HETUPK5EA0EE	CR HF				08940040	+ 03000		18000		B JS	
SUSAP KOSHK5FR09	R	010HETUPK5EA0E	I IF					+ 03000		18000		B JS	
SUSAP KOSHK5FR09	R	020CEKEPK5EA1E	F 051TF				08940060	+ 02500			RW09	K5PGB JS	
SUSAP KOSHK5FR09	R	020CEKEPK5EA2WN		N		ALNAV						JS	
SUSAP KOSHK5FR09	R	030RW09 K5PG0GY	M 031TF				08950051		00847		-304	B JS	
SUSAP KOSHK5FR09	R	040PEENAK5EA0E	M 010DF									B JS	
SUSAP KOSHK5FR09	R	050PINKYK5EA0EY	R010TFY				0926	+ 03000				B JS	
SUSAP KOSHK5FR09	R	060PINKYK5EA0EE	HR020HM				00200040	+ 03000				B JS	

[illegible]

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 797 AIRPORT NAME: WITTMAN RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG JUN 5 2008	SUP:
				AMDT: NONE
				DATED:

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

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[illegible]

CITY AND STATE
OSHKOSH, WI

ELEVATION: 808 TDZE: 797
AIRPORT NAME:
WITTMAN RGNL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
JUN 5 2008

SUP:	
AMDT:	NONE
DATED:	

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

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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
	BADAN	BADAN	010		IF		FB				
	BADAN	GUGCE	020	IAF	TF		FB	2.0	349.0 (350T)	010.2	03000
	BADAN	HETUP	030		TF		FB	1.0	359.4 (000T)	005.0	03000
	BIPID	BIPID	010		IF		FB				
	BIPID	CEBMU	020	IAF	TF		FB	2.0	176.5 (178T)	028.5	03000
	BIPID	HETUP	030		TF		FB	1.0	179.4 (180T)	005.0	03000
	HETUP	HETUP	010		HF	R	FB		089.4 (090T)	004.0	03000
	HETUP	HETUP	010	FACF	IF		FB				03000
		CEKEP	020	FAF	TF		FB	0.5	089.4 (090T)	006.0	02500
		RW09	030	MAP	TF		FO	0.3	089.5 (091T)	005.1	00847

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PEENA	040		DF		FB	1.0			
	PINKY	050		TF	R	FO	1.0	092.6 (094T)		03000
	PINKY	060		HM	R	FO	2.0	002.0 (003T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BADAN	N434431.84	W0884719.79	N4344.531	W08847.330
	BIPID	N443304.33	W0885126.97	N4433.072	W08851.450
	CEBMU	N440435.28	W0884942.00	N4404.588	W08849.700
	CEKEP	N435932.63	W0884125.01	N4359.544	W08841.417
	GUGCE	N435435.25	W0884947.37	N4354.588	W08849.790
	HETUP	N435935.27	W0884944.69	N4359.588	W08849.745
	PEENA	N435925.89	W0882526.02	N4359.432	W08825.434
	PINKY	N435854.95	W0881411.22	N4358.916	W08814.187
	RW09	N435929.90	W0883419.65	N4359.498	W08834.328

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00797	50

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 797	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG JUN 5 2008	SUP:
	AIRPORT NAME: WITTMAN RGNL			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				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
FAH VOR/DME	GEBPE (FB)	312.57 / 35.13	3000	LNAV: RW18			
GRB VORTAC (IAF)	FAVBU (NOPT) (FB)	213.03 / 27.71	3000				
BIPID (IAF)	FAVBU (NOPT) (FB)	149.04 / 26.25	3000	CLIMB TO 2800 DIRECT DOCEN AND HOLD.			
GEBPE (IAF)	FAVBU (NOPT) (FB)	269.62 / 5.00	3000				
FAVBU (IF/IAF)	DAGTE (FB)	179.54 / 6.01	2500	ADDITIONAL FLIGHT DATA: HOLD S, RT, 359.54 INBOUND. CHART FAS OBST: 929 TANK 440105N/0883242W CHART VDP AT 1.08 MILES TO RW18. COKPA TO RW18: 3.04/47.			

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD N FAVBU, RT, 179.54 INBOUND, 3000 FT. IN LIEU OF PT (IAF)	
3. FAC: 179.54 FAF: DAGTE DIST FAF TO MAP: 5.15 THLD: 5.15	
4. MIN. ALT: FAVBU 3000, DAGTE 2500, COKPA/1.80 NM TO RW18 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: RW18 2600	

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	1180	1	387	1180	1	387	1180	1	387	1180	1 1/4	387			
CIRCLING	1280	1	472	1280	1	472	1300	1 1/2	492	1360	2	552			

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 FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET, AND INCREASE LNAV VISIBILITY CAT C AND D 1/4 MILE.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 793	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG JUN 5 2008	SUP:
	AIRPORT NAME: WITTMAN RGNL			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.

NOTES CONT.

CHART NOTE: VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FAH VOR/DME RADIALS 296 CW 345.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BIPID VIA V191 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GRB VORTAC RADIALS 161 CW 269.

CITY AND STATE

OSHKOSH, WI

ELEVATION: 808

TDZE: 793

AIRPORT NAME:

WITTMAN RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	FAH	K5011000VDLA	N43460763W087505555	N43460763W087505555	W002000740	NARFALLS							I
SUSAD	GRB	K5011550VTHA	N4433186W088114140	N4433186W088114140	E001000760	NARGREEN BAY							I

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOSHK5FR18	ABIPID	010BIPIDK5EA0E	A	IF						18000		B JS	I
SUSAP KOSHK5FR18	ABIPID	020FAVBK5EA0EE		010TF			14900263	+ 03000				B JS	I
SUSAP KOSHK5FR18	AFAH	010FAH K5D 0V		IF						18000		B JS	I
SUSAP KOSHK5FR18	AFAH	020GEBPEK5EA0E	A	020TF			31260351	+ 03000				B JS	I
SUSAP KOSHK5FR18	AFAH	030FAVBK5EA0EE		010TF			26960050	+ 03000				B JS	I
SUSAP KOSHK5FR18	AFAVBU	010FAVBK5EA0EE	CR	HF			17950040	+ 03000		18000		B JS	I
SUSAP KOSHK5FR18	AGRB	010GRB K5D 0V	A	IF						18000		B JS	I
SUSAP KOSHK5FR18	AGRB	020FAVBK5EA0EE		010TF			21300277	+ 03000				B JS	I
SUSAP KOSHK5FR18	R	010FAVBK5EA0E	I	IF				+ 03000		18000		B JS	I
SUSAP KOSHK5FR18	R	020DAGTEK5EA1E	F	051TF			17950060	+ 02500			RW18	K5PGB JS	I
SUSAP KOSHK5FR18	R	020DAGTEK5EA2WN			N	ALNAV						JS	I
SUSAP KOSHK5FR18	R	021COKPAK5EA0E	S	031TF			17950034	V 0140001432		-304		B JS	I
SUSAP KOSHK5FR18	R	030RW18 K5PG0GY	M	031TF			17950018	00836		-304		B JS	I
SUSAP KOSHK5FR18	R	040DOCENK5EA0EYM		010DF				+ 03000				B JS	I
SUSAP KOSHK5FR18	R	050DOCENK5EA0EE		HR020HM			35950040	+ 03000				B JS	I

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 793 AIRPORT NAME: WITTMAN RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG JUN 5 2008	SUP:
				AMDT: NONE
				DATED:

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

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 793 AIRPORT NAME: WITTMAN RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO / AMDT NO / EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG JUN 5 2008	SUP:
				AMDT: NONE
				DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	BIPID	BIPID	010	IAF	IF		FB				
	BIPID	FAVBU	020		TF		FB	1.0	149.0(150T)	026.3	03000
	FAH	FAH	010		IF		FB				
	FAH	GBBPE	020	IAF	TF		FB	2.0	312.6(314T)	035.1	03000
	FAH	FAVBU	030		TF		FB	1.0	269.6(271T)	005.0	03000
	FAVBU	FAVBU	010		HF	R	FB		179.5(181T)	004.0	03000
	GRB	GRB	010	IAF	IF		FB				
	GRB	FAVBU	020		TF		FB	1.0	213.0(214T)	027.7	03000
		FAVBU	010	FACF	IF		FB				03000
		DAGTE	020	FAF	TF		FB	0.5	179.5(181T)	006.0	02500
		COKPA	021	SDF	TF		FB	0.3	179.5(181T)	003.4	01400
		RW18	030	MAP	TF		FO	0.3	179.5(181T)	001.8	00836

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DOCEN	040		DF		FO	1.0			03000
	DOCEN	050		HM	R	FO	2.0	359.5(001T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.63	W0875055.55	N4346.127	W08750.926
	GRB	N443318.60	W0881141.40	N4433.310	W08811.690
	BIPID	N443304.33	W0885126.97	N4433.072	W08851.450
	COKPA	N440056.84	W0883321.73	N4400.947	W08833.362
	DAGTE	N440417.97	W0883319.10	N4404.300	W08833.318
	DOCEN	N434549.79	W0883333.54	N4345.830	W08833.559
	FAVBU	N441018.45	W0883314.37	N4410.308	W08833.240
	GBBPE	N441015.41	W0882617.56	N4410.257	W08826.293
	RW18	N435908.84	W0883323.14	N4359.147	W08833.386

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	00789		47

CITY AND STATE
OSHKOSH, WI

ELEVATION: 808 TDZE: 793
 AIRPORT NAME:
WITTMAN RGNL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG
JUN 5 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
BIPID	FLOUN (FB)	138.07 / 37.89	3000	LNAV: RW27			
BADAN	AMAZE (FB)	064.57 / 23.92	3000				
FAH VOR/DME (IAF)	PRIMO (NOPT) (FB)	304.09 / 23.10	3000	CLIMB TO 3000 DIRECT HETUP AND HOLD.			
FLOUN (IAF)	PRIMO (NOPT) (FB)	179.74 / 5.00	3000				
AMAZE (IAF)	PRIMO (NOPT) (FB)	359.74 / 5.00	3000				
PRIMO (IF/IAF)	PEENA (FB)	269.74 / 6.01	2600	ADDITIONAL FLIGHT DATA: HOLD W, RT, 089.37 INBOUND. CHART FAS OBST: 889 TREE 435859N/0883255W PEENA TO RW27: 3.05/47.			

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. HOLD E PRIMO, RT, 269.74 INBOUND, 3000 FT. IN LIEU OF PT (IAF)	
3. FAC: <u>269.65</u> FAF: <u>PEENA</u> DIST FAF TO MAP: <u>5.49</u> THLD: <u>5.49</u>	
4. MIN. ALT: <u>PRIMO 3000, PEENA 2600, FIGAD/1.30 NM TO RW27 1240</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCP: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u>	
8. MSA FROM: <u>RW27 2600</u>	

MINIMUMS												
TAKEOFF: <u> </u>	STANDARD <u>X</u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>						
CATEGORY <u>=====</u>	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
LNAV MDA	1140	1	358	1140	1	358	1140	1	358	1140	1 1/4	358
CIRCLING	1280	1	472	1280	1	472	1300	1 1/2	492	1360	2	552

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 FOND DU LAC COUNTY ALTIMETER SETTING
 AND INCREASE ALL MDAS 40 FEET.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 782	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG JUN 5 2008	SUP:
	AIRPORT NAME: WITTMAN RGNL			AMDT: NONE
				DATED

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 ARRIVAL AT BIPID VIA V191 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BADAN VIA V9-341 SOUTHWEST BOUND.

CITY AND STATE

OSHKOSH, WI

ELEVATION: 808 TDZE: 782

AIRPORT NAME:

WITTMAN RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

JUN 5 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOSHK5FR27	ABADAN	010BADANK5EA0E	IF							18000		B JS	
SUSAP KOSHK5FR27	ABADAN	020AMAEK5EA0E	A 020TF			06460239		+ 03000				B JS	
SUSAP KOSHK5FR27	ABADAN	030PRIMOK5EA0EE	010TF			35970050		+ 03000				B JS	
SUSAP KOSHK5FR27	ABIPID	010BIPIDK5EA0E	IF							18000		B JS	
SUSAP KOSHK5FR27	ABIPID	020FLOUNK5EA0E	A 020TF			13810379		+ 03000				B JS	
SUSAP KOSHK5FR27	ABIPID	030PRIMOK5EA0EE	010TF			17970050		+ 03000				B JS	
SUSAP KOSHK5FR27	AFAH	010FAH K5D 0V	A IF							18000		B JS	
SUSAP KOSHK5FR27	AFAH	020PRIMOK5EA0EE	010TF			30410231		+ 03000				B JS	
SUSAP KOSHK5FR27	APRIMO	010PRIMOK5EA0EE	CR HF			26970040		+ 03000		18000		B JS	
SUSAP KOSHK5FR27	R	010PRIMOK5EA0E	I IF					+ 03000		18000		B JS	
SUSAP KOSHK5FR27	R	020PEENAK5EA1E	F 051TF			26970060		+ 02600			RW27	K5PCB JS	
SUSAP KOSHK5FR27	R	020PEENAK5EA2WN		N	ALNAV							JS	
SUSAP KOSHK5FR27	R	021FIGADK5EA0E	S 031TF			26970042		V 0124001240		-305		B JS	
SUSAP KOSHK5FR27	R	030RW27 K5PGOG	M 031TF			26970013		00825		-305		B JS	

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 782 AIRPORT NAME: WITTMAN RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG JUN 5 2008	SUP:
				AMDT: NONE
				DATED:

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

08940040 + 03000

B JS
B JS

SUSAP KOSHK5GRW27 0056472596 N43592936W088330241+0400 +0200000778053147150R

SUSAP KOSHK5SRW27 K5PG 0 18018002625

M

SUP: _____
AMDT: **NONE**
DATED: _____

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	BADAN	BADAN	010		IF		FB				
	BADAN	AMAZE	020	IAF	TF		FB	2.0	064.6(066T)	023.9	03000
	BADAN	PRIMO	030		TF		FB	1.0	359.7(001T)	005.0	03000
	BIPID	BIPID	010		IF		FB				
	BIPID	FLOUN	020	IAF	TF		FB	2.0	138.1(139T)	037.9	03000
	BIPID	PRIMO	030		TF		FB	1.0	179.7(181T)	005.0	03000
	FAH	FAH	010	IAF	IF		FB				
	FAH	PRIMO	020		TF		FB	1.0	304.1(305T)	023.1	03000
	PRIMO	PRIMO	010		HF	R	FB		269.7(271T)	004.0	03000
		PRIMO	010	FACF	IF		FB				03000
		PEENA	020	FAF	TF		FB	0.5	269.7(271T)	006.0	02600
		FIGAD	021	SDF	TF		FB	0.3	269.7(271T)	004.2	01240
		RW27	030	MAP	TF		FB	0.3	269.7(271T)	001.3	00825

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HETUP	040		DF		FO	1.0			03000
	HETUP	050		HM	R	FO	2.0	089.4(090T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.63	W0875055.55	N4346.127	W08750.926
	AMAZE	N435421.51	W0881712.04	N4354.359	W08817.201
	BADAN	N434431.84	W0884719.79	N4344.531	W08847.330
	BIPID	N443304.33	W0885126.97	N4433.072	W08851.450
	FIGAD	N435928.58	W0883114.37	N4359.476	W08831.240
	FLOUN	N440421.50	W0881701.31	N4404.358	W08817.022
	HETUP	N435935.27	W0884944.69	N4359.588	W08849.745
	PEENA	N435925.89	W0882526.02	N4359.432	W08825.434
	PRIMO	N435921.51	W0881706.68	N4359.359	W08817.111
	RW27	N435929.36	W0883302.41	N4359.489	W08833.040

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	00778		47

CITY AND STATE
OSHKOSH, WI

ELEVATION: 808 TDZE: 782
 AIRPORT NAME:
WITTMAN RGNL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
JUN 5 2008

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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: OSH VORTAC						
										CLIMB TO 3000 VIA OSH VORTAC R-090 TO PINKY INT/GRB 34.44 DME AND HOLD.						
										ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.00 INBOUND. CHART FAS OBST: 1050 TOWER 435932N/0883644W CETOL TO RW09: 2.84/50. CHART TDZE: 797. 1109 AAO 435812N/0884140W. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.						
1. PT <u>L</u> SIDE OF COURSE <u>270.00</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>OSH VORTAC</u> (IAF) 2. _____ 3. FAC <u>090.00</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>CETOL/2.60 DME 1420*</u> 8. MSA FROM: <u>OSH VORTAC 2600</u>										MAG VAR: 2E		EPOCH YEAR: 1965				
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-9	1420	3/4	623	1420	3/4	623	1420	1 3/4	623	1420	2	623				
CIRCLING	1420	1	612	1420	1	612	1420	1 3/4	612	1420	2	612				
CETOL FIX MINIMUMS																
S-9	1360	3/4	563	1360	3/4	563	1360	1 1/2	563	1360	1 3/4	563				
CIRCLING	1360	1	552	1360	1	552	1360	1 1/2	552	1360	2	552				
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-9 CAT C AND CETOL FIX MINIMUMS S-9 CAT C. © NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND CETOL FIX MINIMUMS VISIBILITY CAT C AND D 1/4 MILE. *1460 WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING.																
CITY AND STATE		ELEVATION: 808		TDZE: 797		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR GPS RWY				
OSH KOSH, WI		AIRPORT NAME:		WITTMAN RGNL		OSH		VOR RWY 9, AMDT 9 JUN 5 2008				9 8B				
												DATE 06/04/1997				

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										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: OSH VORTAC						
										CLIMBING LEFT TURN TO 3000 VIA OSH VORTAC R-090 TO PINKY INT/GRB 34.44 DME AND HOLD.						
										ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.00 INBOUND. CHART FAS OBST: 950 BLDG-TWR 440117N/0883235W CHART 1130 TOWER 440820N/0882838W. CHART VDP AT 1.05 DME; DISTANCE VDP TO THLD 1.33 MILES. WOMEN TO RW18: 2.92/47. FAC CROSSES RWY C/L EXTENDED 1688 FROM THLD.						
1. PT <u> L </u> SIDE OF COURSE <u> 006.00 </u> OUTBOUND <u> 2600 </u> FT WITHIN <u> 10 </u> MILES OF <u> OSH VORTAC </u> (IAF) 2. _____ 3. FAC <u> 186.00 </u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u> WOMEN/1.80 DME 1480* </u> 8. MSA FROM: <u> OSH VORTAC 2600 </u>										MAG VAR: 2E		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-18	1480	1	687	1480	1	687	1480	2	687	1480	2 1/4	687				
CIRCLING	1480	1	672	1480	1	672	1480	2	672	1480	2 1/4	672				
WOMEN FIX MINIMUMS																
S-18	1260	1	467	1260	1	467	1260	1 1/4	467	1260	1 1/2	467				
CIRCLING	1280	1	472	1280	1	472	1300	1 1/2	492	1360	2	552				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. INCREASE WOMEN S-18 CAT C VISIBILITY 1/4 MILE. CHART NOTE: VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. *1520 WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING																
CITY AND STATE		ELEVATION: 808		TDZE: 793		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR GPS RWY				
OSHKOSH, WI		AIRPORT NAME:		WITTMAN RGNL		OSH		VOR RWY 18, AMDT 7 JUN 5 2008				18				
												AMDT 6A				
												DATE 06/04/1997				

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.

CITY AND STATE
OSHKOSH, WI

ELEVATION: 808 TDZE: 793
AIRPORT NAME:
WITTMAN RGNL

FACILITY
IDENTIFIER:
OSH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
VOR RWY 18, AMDT 7
JUN 5 2008

SUP: VOR OR GPS RWY
18
AMDT: 6A
DATED: 06/04/1997

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				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 JUN 5 2008

CITY AND STATE OSHKOSH, WI	ELEVATION: 808 TDZE: 782 AIRPORT NAME: WITTMAN REGIONAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 27, ORIG-A, 06/04/1997	SUP AMDT ORIG DATE 07/21/1994

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 4, 9, 13, 18, 22, 27, 31, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, VEHICLE ON ROAD 450' FROM DER, ON CENTERLINE, 15' AGL/794' MSL. TREES BEGINNING 577' FROM DER, 66' RIGHT OF CENTERLINE, UP TO 41' AGL/810' MSL. TREES BEGINNING 1,053' FROM DER, 391' LEFT OF CENTERLINE, UP TO 100' AGL/869' MSL. NOTE: RWY 9, VEHICLE ON ROAD 620' FROM DER, ON CENTERLINE, 15' AGL/794' MSL. TREES AND HANGER BEGINNING 223' FROM DER, 192' RIGHT OF CENTERLINE, UP TO 104' AGL/863' MSL. TREES, POLES BEGINNING 546' FROM DER, 280' LEFT OF CENTERLINE, UP TO 93' AGL/852' MSL. NOTE: RWY 13, TREES, BUILDINGS AND POLES BEGINNING 503' FROM DER, 3' RIGHT OF CENTERLINE, UP TO 100' AGL/889' MSL. TREES 400' FROM DER, 350' LEFT OF CENTERLINE, 72' AGL/841' MSL. NOTE: RWY 22, VEHICLE ON ROAD 830' FROM DER, ON CENTERLINE, 15' AGL/814' MSL. (CONTINUED ON PAGE 2.)

(4) CONTROLLING OBSTACLES:

(5) City, State

OSHKOSH, WI

(6) Airport

WITTMAN RGNL

(7) Effective Date

JUN 5 2008

(8) Amdt. No.

ORIG

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

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

TREES AND POLE BEGINNING 530' FROM DER, 193' RIGHT OF CENTERLINE, UP TO 100' AGL/919' MSL. ANTENNA AND AIRPORT BEACON ON ATCT 1,689' FROM DER, 869' LEFT OF CENTERLINE, 88' AGL/883' MSL. NOTE: RWY 27, TREES 1,063' FROM DER, 583' RIGHT OF CENTERLINE, UP TO 100' AGL/919' MSL. TREES AND TRAFFIC SIGNAL 2,505' FROM DER, 307' LEFT OF CENTERLINE, 100' AGL/949' MSL. NOTE: RWY 31, TREES AND ANTENNA ON BUILDING BEGINNING 1,133' FROM DER, 347' RIGHT OF CENTERLINE, UP TO 100' AGL/889' MSL. TREES BEGINNING 3,860' FROM DER, 1,472' LEFT OF CENTERLINE, UP TO 100' AGL/909' MSL. NOTE: RWY 36, ANT ON BLDG 551' FROM DER, 263' RIGHT OF CENTERLINE, 14' AGL/803' MSL.

City, State OSHKOSH, WI		Airport WITTMAN RGNL		Effective Date JUN 5 2008	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ROX VOR/DME	ROADD LOM/I-SWE 6.88 DME	083.41 / 17.93	3000	ILS: DA LOC: 5.81 MILES AFTER ROADD LOM OR AT I-SWE 1.07 DME FIX CLIMB TO 3000 THEN LEFT TURN DIRECT ROADD LOM/I-SWE 6.88 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 314.60 INBOUND. CHART FAS OBST: 1194 TREES (BTL-1169) 485158N/0951622W
BDE VOR/DME (IAF)	HILOD INT/I-SWE 13.76 DME (NOPT)	275.00 / 20.92 (SW LBRG-305)	3000	
HILOD INT/I-SWE 13.76 DME (IF)	ROADD LOM/I-SWE 6.88 DME	314.60 / 6.88 (I-SWE)	3000	

- PT R SIDE OF COURSE 134.60 OUTBOUND 3000 FT WITHIN 10 MILES OF ROADD LOM (IAF)
-
- FAC: 314.60 FAF: ROADD LOM/I-SWE 6.88 DME DIST FAF TO MAP: 5.81 THLD: 5.81
- MIN. ALT: ROADD LOM 3000
- DIST TO THLD FROM OM: 5.81 MM: 0.52 IM: - 150 HAT: - 100 HAT: - GS ANT: 852
- MIN GS INCPT: 3000 GS ALT AT: AS PTC OM: 3000 MM: 1287 IM: -
- GS ANGLE: 3.00 TCH: 40.0
- MSA FROM: SW LOM 2700

MAG VAR: 4E

EPOCH YEAR: 1995

MINIMUMS

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	
S-ILS 31	1274	1/2	200	1274	1/2	200	1274	1/2	200	1274	1/2	200				
S-LOC 31	1460	1/2	386	1460	1/2	386	1460	1/2	386	1460	3/4	386				
CIRCLING	1500	1	426	1540	1	466	1540	1 1/2	466	1640	2	566				

NOTES:
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

CITY AND STATE WARROAD, MN	ELEVATION: 1074 TDZE: 1074 AIRPORT NAME: WARROAD INTL MEMORIAL	FACILITY IDENTIFIER: I-SWE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 1A JUL 03 2008	SUP: ILS RWY 31
				AMDT: 1
				DATED 08/15/1996



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 15 - CLIMB HEADING 146.05 TO 1000 BEFORE TURNING LEFT.

RWY 33 - CLIMB HEADING 326.07 TO 1400 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 2306' FROM DER, 405' LEFT OF CENTERLINE, UP TO 92' AGL/590' MSL.

(4) CONTROLLING OBSTACLES:

RWY 15: 1,419 MSL AAO 431620.00N/0751922.00W.

RWY 33: 1,479 MSL AAO 431944.00N/0752614.00W.

(5) City, State

ROME, NY

(6) Airport

GRIFFISS AIRFIELD

(7) Effective Date

JUL - 3 2008

(8) Amdt. No.

ORIG



[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30608 ; Amdt. No. 3269]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

The incorporation by reference of certain publications listed
in the regulations is approved by the Directory of the Federal
Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL
REGISTER].

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

For Examination -

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

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

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

4. The National Archives and Records Administration (NARA). For Information on the availability of this material at NARA, call 202-741-6030, or go to:

http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability - All SIAPs are available online free of charge.

Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

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

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

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420) Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on May 2, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, ISMLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows: EFFECTIVE UPON PUBLICATION

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
04/03/08	MO	HANNIBAL	HANNIBAL REGIONAL	8/0995	VOR OR GPS A, AMDT 3. THIS NOTAM PUBLISHED IN TL08-11 IS HEREBY RESCINDED IN ITS ENTIRETY.
04/10/08	NY	SCHENECTADY	SCHENECTADY COUNTY	8/1927	GPS RWY 22, ORIG-B
04/15/08	MS	OXFORD	UNIVERSITY- OXFORD	8/3151	VOR/DME-A, AMDT 4A. THIS NOTAM PUBLISHED IN TL08-11 IS HEREBY RESCINDED IN ITS ENTIRETY.
04/15/08	MI	DETROIT	WILLOW RUN	8/3298	RNAV (GPS) RWY 9R, ORIG. THIS NOTAM PUBLISHED IN TL08-11 IS HEREBY RESCINDED IN ITS ENTIRETY.
04/17/08	OK	LAWTON	LAWTON-FT SILL REGIONAL	8/3571	ILS OR LOC RWY 35, AMDT 7D
04/22/08	NY	FARMINGDALE	REPUBLIC	8/3573	TAKEOFF MINIMUMS AND (OBSTACLE) DP, AMDT 5
04/17/08	ID	BOISE	BOISE AIR TERMINAL/GOWEN FLD	8/3632	VOR/DME OR TACAN RWY 10L, AMDT 1A
04/17/08	ID	BOISE	BOISE AIR TERMINAL/GOWEN FLD	8/3633	VOR/DME OR TACAN RWY 28L, AMDT 1B
04/17/08	CO	DURANGO	DURANGO-LA PLATA COUNTY	8/3651	GPS RWY 2, ORIG
04/17/08	IA	CLINTON	CLINTON MUNI	8/3743	GPS RWY 32, AMDT 1A
04/17/08	AL	DOTHAN	DOTHAN REGIONAL	8/3752	RNAV (GPS) RWY 18, ORIG-A
04/17/08	CO	MONTROSE	MONTROSE REGIONAL	8/3769	GPS RWY 35, ORIG-A
04/17/08	CO	MONTROSE	MONTROSE REGIONAL	8/3771	VOR/DME RWY 13, AMDT 8C
04/17/08	CO	MONTROSE	MONTROSE REGIONAL	8/3772	GPS RWY 17, ORIG
04/17/08	SC	SUMMERVILLE	SUMMERVILLE	8/3782	NDB OR GPS RWY 6, ORIG-B
04/17/08	SC	SUMMERVILLE	SUMMERVILLE	8/3783	TAKEOFF MINIMUMS AND (OBSTACLE) DP, ORIG
04/18/08	PA	YORK	YORK	8/3821	NDB RWY 17, AMDT 6

04/18/08	NY	ROCHESTER	GREATER ROCHESTER INTL	8/3826	RNAV (GPS) RWY 4, ORIG
04/18/08	NJ	MANVILLE	CENTRAL JERSEY RGNL	8/3828	RNAV (GPS) RWY 25, ORIG
04/18/08	NH	MANCHESTER	MANCHESTER	8/3832	VOR/DME OR GPS RWY 17, ORIG-B
04/18/08	NC	ERWIN	HARNETT RGNL JETPORT	8/3833	NDB RWY 23, AMDT 2
04/18/08	FL	TAMPA	TAMPA INTL	8/3834	ILS RWY 36L (CAT II), ILS RWY 36L (CAT III), AMDT 15
04/18/08	MS	OXFORD	UNIVERSITY- OXFORD	8/3838	LOC RWY 9, AMDT 2A
04/18/08	VA	CHASE CITY	CHASE CITY MUNI	8/3845	RNAV (GPS) RWY 36, ORIG
04/18/08	IN	ANDERSON	ANDERSON MUNI- DARLINGTON FIELD	8/3900	VOR OR GPS-A, AMDT 8B
04/18/08	OK	ENID	ENID WOODRING REGIONAL	8/3901	VOR RWY 17, AMDT 12B
04/18/08	OK	ENID	ENID WOODRING REGIONAL	8/3902	VOR RWY 35, AMDT 13A
04/18/08	OK	ENID	ENID WOODRING REGIONAL	8/3903	ILS RWY 35, AMDT 4A
04/18/08	OK	ENID	ENID WOODRING REGIONAL	8/3904	GPS RWY 35, ORIG-A
04/18/08	OH	ZANESVILLE	ZANESVILLE MUNI	8/3914	VOR OR GPS RWY 22, AMDT 3A
04/18/08	OH	ZANESVILLE	ZANESVILLE MUNI	8/3915	VOR OR GPS RWY 4, AMDT 6A
04/18/08	OH	SANDUSKY	GRIFFING- SANDUSKY	8/3916	VOR RWY 27, AMDT 7
04/18/08	OH	SANDUSKY	GRIFFING- SANDUSKY	8/3917	VOR/DME OR GPS RWY 27, AMDT 2
04/18/08	OH	PIQUA	PIQUA AIRPORT- HARTZELL FIELD	8/3918	VOR RWY 26, AMDT 6
04/18/08	OH	PIQUA	PIQUA AIRPORT- HARTZELL FIELD	8/3919	RNAV (GPS) RWY 8, ORIG
04/18/08	OH	PIQUA	PIQUA AIRPORT- HARTZELL FIELD	8/3920	RNAV (GPS) RWY 26, ORIG
04/18/08	OH	SIDNEY	SIDNEY MUNI	8/3921	VOR/DME RNAV OR GPS RWY 28, AMDT 5A
04/18/08	OH	SIDNEY	SIDNEY MUNI	8/3922	VOR OR GPS RWY 23, AMDT 12A
04/18/08	OH	YOUNGSTOWN	YOUNGSTOWN ELSEER METRO	8/3967	TAKEOFF MINIMUMS AND (OBSTACLE) DP, ORIG
04/18/08	OH	YOUNGSTOWN	YOUNGSTOWN ELSEER METRO	8/3968	GPS RWY 28, ORIG-A
04/21/08	AR	CLINTON	HOLLEY MOUNTAIN AIRPARK	8/4118	RNAV (GPS) RWY 5, AMDT 1

04/21/08	TX	SAN ANTONIO	SAN ANTONIO INTL	8/4121	RNAV (GPS) RWY 12R, ORIG-A
04/21/08	TX	SAN ANTONIO	SAN ANTONIO INTL	8/4122	RNAV (GPS) RWY 21, AMDT 1
04/21/08	TX	SAN ANTONIO	SAN ANTONIO INTL	8/4141	ILS RWY 12R AMDT 13A...ILS RWY 12R (CAT II) AMDT 13A
04/21/08	SD	MITCHELL	MITCHELL MUNI	8/4147	ILS RWY 30, ORIG
04/21/08	SD	VERMILLION	HAROLD DAVIDSON FIELD	8/4148	NDB OR GPS RWY 30, AMDT 1
04/21/08	PA	YORK	YORK	8/4170	GPS RWY 35, AMDT 2
04/21/08	IA	KEOKUK	KEOKUK MUNI	8/4186	RNAV (GPS) RWY 32, ORIG
04/21/08	IA	IOWA FALLS	IOWA FALLS MUNI	8/4192	NDB OR GPS RWY 31, AMDT 4
04/21/08	IA	AMES	AMES MUNI	8/4226	ILS RWY 1, AMDT 1
04/21/08	IA	AMES	AMES MUNI	8/4227	RNAV (GPS) RWY 1, AMDT 1
04/21/08	IA	AMES	AMES MUNI	8/4228	RNAV (GPS) RWY 31, ORIG
04/21/08	IA	AMES	AMES MUNI	8/4229	RNAV (GPS) RWY 19, ORIG
04/21/08	IA	AMES	AMES MUNI	8/4230	RNAV (GPS) RWY 13, ORIG
04/21/08	CA	OAKLAND	METROPOLITAN OAKLAND INTL	8/4239	RNAV (GPS) RWY 11, ORIG-A
04/22/08	MA	BOSTON	GEN EDWARD LAWRENCE LOGAN INTL	8/4281	VOR/DME RWY 15R, AMDT 2
04/22/08	MA	BOSTON	GEN EDWARD LAWRENCE LOGAN INTL	8/4282	VOR/DME RWY 33L, AMDT 2B
04/22/08	GA	LAGRANGE	LAGRANGE-CALLAWAY	8/4292	ILS RWY 31, AMDT 1A
04/22/08	AK	TELLER	TELLER	8/4366	RNAV (GPS) RWY 25, ORIG
04/22/08	AK	TELLER	TELLER	8/4370	RNAV (GPS) RWY 7, ORIG
04/22/08	TX	AUSTIN	AUSTIN-BERGSTROM INTL	8/4422	ILS OR LOC RWY 35L, AMDT 4
04/22/08	TX	LIVINGSTON	LIVINGSTON MUNI	8/4443	RNAV (GPS) RWY 30, ORIG
04/22/08	TX	HOUSTON	LONE STAR EXECUTIVE	8/4444	NDB RWY 14, AMDT 2
04/22/08	TX	HOUSTON	LONE STAR EXECUTIVE	8/4448	ILS RWY 14, AMDT 2
04/22/08	TX	HOUSTON	LONE STAR EXECUTIVE	8/4449	RNAV (GPS) RWY 32, ORIG-A
04/23/08	KS	PITTSBURG	ATKINSON MUNI	8/4587	RNAV (GPS) RWY 4, ORIG-A
04/23/08	KS	PITTSBURG	ATKINSON MUNI	8/4588	RNAV (GPS) RWY 22, ORIG-A

04/23/08	KS	PITTSBURG	ATKINSON MUNI	8/4589	VOR/DME RWY 4, AMDT 3A
04/24/08	PA	EBENSBURG	EBENSBURG	8/4717	VOR OR GPS-A, AMDT 6A
04/24/08	NH	MANCHESTER	MANCHESTER	8/4719	ILS OR LOC RWY 6, AMDT 1A
04/24/08	CA	PALMDALE	PALMDALE REGIONAL/USAF PLANT 42	8/4725	RNAV (GPS) RWY 25, ORIG-A
04/24/08	CA	STOCKTON	STOCKTON METROPOLITAN	8/4726	NDB RWY 29R, AMDT 14D
04/24/08	CA	STOCKTON	STOCKTON METROPOLITAN	8/4727	VOR RWY 29R, AMDT 18A
04/24/08	CA	STOCKTON	STOCKTON METROPOLITAN	8/4728	GPS RWY 29R, ORIG-B
04/24/08	TX	ABILENE	ABILENE REGIONAL	8/4813	LOC BC RWY 17L, AMDT 3C
04/24/08	ND	JAMESTOWN	JAMESTOWN REGIONAL	8/4814	ILS OR LOC RWY 31, AMDT 7D
04/24/08	AR	NORTH LITTLE ROCK	NORTH LITTLE ROCK MUNI	8/4822	LOC/DME RWY 5, ORIG
04/24/08	NE	PLATTSMOUTH	PLATTSMOUTH MUNI	8/4823	NDB RWY 16, ORIG
04/24/08	RI	PAWTUCKET	NORTH CENTRAL STATE	8/4856	LOC RWY 5, AMDT 5D
04/24/08	RI	PAWTUCKET	NORTH CENTRAL STATE	8/4857	VOR OR GPS-A, AMDT 6A
04/24/08	RI	PAWTUCKET	NORTH CENTRAL STATE	8/4858	GPS RWY 5, ORIG
04/24/08	RI	PAWTUCKET	NORTH CENTRAL STATE	8/4860	GPS RWY 23, ORIG-A
04/24/08	RI	PAWTUCKET	NORTH CENTRAL STATE	8/4861	VOR OR GPS-B, AMDT 6A
04/24/08	OH	CINCINNATI	CINCINNATI MUNI AIRPORT-LUNKEN FIELD	8/4862	LOC BC RWY 3R, AMDT 8B
04/24/08	OH	MARION	MARION MUNI	8/4863	LOC/DME RWY 25, ORIG-A
04/25/08	AR	OSCEOLA	OSCEOLA MUNI	8/4919	NDB OR GPS RWY 19, ORIG-A
04/25/08	LA	NEW ORLEANS	LOUIS ARMSTRONG NEW ORLEANS INTL	8/4936	ILS RWY 1, AMDT 16C
04/25/08	LA	NEW ORLEANS	LOUIS ARMSTRONG NEW ORLEANS INTL	8/4937	RADAR-1, AMDT 17
04/25/08	LA	NEW ORLEANS	LOUIS ARMSTRONG NEW ORLEANS INTL	8/4938	ILS RWY 10 (CAT II) AMDT 2A, ILS RWY 10 (CAT III) AMDT 2A, ILS RWY 10 (CAT I) AMDT 2A

04/25/08	OH	WILLOUGHBY	WILLOUGHBY LOST NATION MUNI	8/4945	VOR-B, ORIG-A
04/25/08	OH	WILLOUGHBY	WILLOUGHBY LOST NATION MUNI	8/4946	VOR RWY 28, ORIG-B
04/25/08	OH	WILLOUGHBY	WILLOUGHBY LOST NATION MUNI	8/4947	VOR-A, ORIG-A
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4962	RNAV (GPS) RWY 13, ORIG
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4964	RNAV (GPS) RWY 4L, AMDT 1
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4965	NDB RWY 31, AMDT 2A
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4967	VOR RWY 4L, AMDT 17
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4969	RNAV (GPS) RWY 22R, AMDT 1
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4970	RNAV (GPS) RWY 31, AMDT 1A
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4973	VOR/DME RWY 22R, AMDT 8E
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4974	RADAR-1, AMDT 10B
04/25/08	LA	BATON ROUGE	BATON ROUGE METRO, RYAN FIELD	8/4975	ILS OR LOC RWY 13, AMDT 27B
04/25/08	KS	WICHITA	WICHITA MID- CONTINENT	8/5001	ILS OR LOC RWY 1R, AMDT 17A
04/28/08	IN	GOSHEN	GOSHEN MUNI	8/5173	VOR RWY 9, AMDT 12
04/28/08	MO	MOSBY	MIDWEST NATIONAL AIR CENTER	8/5175	ILS OR LOC/DME RWY 18, ORIG
04/28/08	MO	GRAIN VALLEY	EAST KANSAS CITY	8/5176	VOR OR GPS RWY 23, AMDT 3
04/28/08	MO	LEE'S SUMMIT	LEE'S SUMMIT MUNI	8/5177	VOR/DME A, ORIG
04/28/08	MO	HANNIBAL	HANNIBAL REGIONAL	8/5182	VOR/DME OR GPS A, AMDT 3
04/28/08	MT	MILES CITY	FRANK WILEY FIELD	8/5183	NDB RWY 4, AMDT 5
04/28/08	MT	MILES CITY	FRANK WILEY FIELD	8/5184	RNAV (GPS) RWY 4, AMDT 1

04/28/08	WI	GREEN BAY	AUSTIN STRAUBEL INTERNATIONAL	8/5185	RNAV (GPS) RWY 24, ORIG
04/28/08	WI	GREEN BAY	AUSTIN STRAUBEL INTERNATIONAL	8/5186	VOR A, ORIG
04/28/08	WI	GREEN BAY	AUSTIN STRAUBEL INTERNATIONAL	8/5187	LOC BC RWY 24, AMDT 18
04/28/08	WI	GREEN BAY	AUSTIN STRAUBEL INTERNATIONAL	8/5188	RNAV (GPS) RWY 6, AMDT 1
04/28/08	MT	MILES CITY	FRANK WILEY FIELD	8/5189	VOR RWY 4, AMDT 11
04/28/08	MT	MILES CITY	FRANK WILEY FIELD	8/5190	VOR/DME OR GPS RWY 22, AMDT 8
04/28/08	IL	CHICAGO	CHICAGO-O HARE INTL	8/5191	ILS OR LOC RWY 4R, AMDT 6H
04/28/08	NE	OSHKOSH	GARDEN COUNTY	8/5192	NDB RWY 12, AMDT 1
04/28/08	IL	CHICAGO	CHICAGO-O HARE INTL	8/5193	ILS OR LOC RWY 22R, AMDT 7D
04/28/08	MN	GRANITE FALLS	GRANITE FALLS MUNI/LENZEN-ROE MEML FLD	8/5195	GPS RWY 33, ORIG-A
04/28/08	MN	GRANITE FALLS	GRANITE FALLS MUNI/LENZEN-ROE MEML FLD	8/5196	VOR/DME RWY 33, ORIG-A
04/28/08	MN	BENSON	BENSON MUNI	8/5198	NDB RWY 14, AMDT 7
04/28/08	MN	MORRIS	MORRIS MUNI-CHARLIE SCHMIDT FLD	8/5199	VOR OR GPS RWY 14, ORIG-A
04/28/08	OH	WAVERLY	PIKE COUNTY	8/5208	NDB RWY 25, AMDT 1
04/28/08	OH	WAVERLY	PIKE COUNTY	8/5209	GPS RWY 7, ORIG-A
04/28/08	MN	MINNEAPOLIS	ANOKA COUNTY-BLAINE ARPT (JANES FIELD)	8/5214	ILS OR LOC/DME RWY 27, ORIG
04/28/08	MN	MINNEAPOLIS	ANOKA COUNTY-BLAINE ARPT (JANES FIELD)	8/5215	RNAV (GPS) RWY 27, ORIG
04/28/08	MI	DAVISON	ATHELONE WILLIAMS MEMORIAL	8/5220	VOR RWY 8, ORIG-A
04/28/08	MI	LINDEN	PRICES	8/5221	VOR A, ORIG
04/28/08	TX	BEAUMONT	BEAUMONT MUNI	8/5229	RNAV (GPS) RWY 13, ORIG-A
04/28/08	TX	BEAUMONT	BEAUMONT MUNI	8/5230	RNAV (GPS) RWY 31, ORIG-A
04/28/08	CO	ASPEN	ASPEN-PITKIN CO/SARDY FIELD	8/5248	VOR/DME OR GPS C, AMDT 4E
04/28/08	AK	NULATO	NULATO	8/5252	RNAV (GPS) RWY 2, ORIG
04/28/08	AK	NULATO	NULATO	8/5253	RNAV (GPS) RWY 20, ORIG
04/28/08	AZ	WINSLOW	WINSLOW-LINDBERGH REGIONAL	8/5255	VOR OR GPS RWY 11, AMDT 4A

[illegible]

FDC 8/1927 SCH FI/P SCHENECTADY COUNTY, SCHENECTADY, NY. GPS RWY 22, ORIG-B...CHART PLANVIEW TERMINAL ROUTE: MULXI TO OTOLE, NOPT. CHART PROFILE VIEW: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS GPS RWY 22, ORIG-C.

FDC 8/3571 LAW FI/P LAWTON-FT SILL REGIONAL, LAWTON, OK. ILS OR LOC RWY 35, AMDT 7D...DELETE NOTE: WHEN MALSR INOPERATIVE INCREASE CAT D. S-LOC 35 VISIBILITY TO 1 MILE. THIS IS ILS OR LOC RWY 35, AMDT 7E.

FDC 8/3573 FRG FI/P REPUBLIC, FARMINGDALE, NY. TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 5...TAKE-OFF MINIMUMS: RWY 32, 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 220 FEET PER NM TO 400. NOTE: RWY 32, TANK 8214 FEET FROM DEPARTURE END OF RUNWAY, 1120 FEET LEFT OF CENTERLINE, 107 FEET AGL/297 FEET MSL. REST OF DATA REMAINS AS PUBLISHED. THIS IS TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 5A.

FDC 8/3632 BOI FI/P BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. VOR/DME OR TACAN RWY 10L, AMDT 1A...S-10L HAT 336 ALL CATS. CIRCLING CAT A HAA 429, CATS B/C MDA 3340 / HAA 469, CAT D MDA 3440 / HAA 569, CAT E MDA 3740 / HAA 869. CHART AIRPORT ELEV 2871. CHART TDZ ELEV 2844. THIS IS VOR/DME OR TACAN RWY 10L, AMDT 1B.

FDC 8/3633 BOI FI/P BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. VOR/DME OR TACAN RWY 28L, AMDT 1B...S-28L MDA 3380 / HAT 522 ALL CATS. VIS CAT D RVR 6000. SIDESTEP RWY 28R MDA 3380 / HAT 509 ALL CATS. CIRCLING CATS A/B/C MDA 3380 / HAA 509, CAT D MDA 3440 / HAA 569, CAT E MDA 3740 / HAA 869. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CAT C. ADD NOTE: FOR INOPERATIVE MALSR INCREASE CAT E VISIBILITIES 1/2 MILE. CHART AIRPORT ELEV 2871. CHART TDZ ELEV 2858. CHART R28R TDZ ELEV: 2871. THIS IS VOR/DME OR TACAN RWY 28L, AMDT 1C.

FDC 8/3651 DRO FI/P DURANGO-LA PLATA COUNTY, DURANGO, CO. GPS RWY 2, ORIG...CIRCLING: CAT C MDA 7220/HAA 535. DELETE: IAF AT QUELL WP. DELETE: QUELL HOLDING PATTERN. DELETE: TERMINAL ROUTE DURANGO (DRO) VORTAC TO QUELL. PROFILE: STARTS AT IVDOQ. MINIMUM ALTITUDE AT IVDOQ 9000. DELETE: NOPT FROM MARKE TO IVDOQ. DELETE: NOPT FROM RSK VORTAC TO IVDOQ. DELETE NOPT FROM PELDY TO IVDOQ. THIS IS GPS RWY 2, ORIG-A.

FDC 8/3743 CWI FI/P CLINTON MUNI, CLINTON, IA. GPS RWY 32, AMDT 1A...CIRCLING CAT B MDA 1200/HAA 492. THIS IS GPS RWY 32, AMDT 1B.

FDC 8/3752 DHN FI/P DOTHAN REGIONAL, DOTHAN, AL. RNAV (GPS) RWY 18, ORIG-A...CHART MISSED APPROACH: CLIMB TO 3000 DIRECT QEDLU AND VIA 126.61 TRACK TO OALDY AND HOLD. CHART MISSED APPROACH HOLDING: HOLD SE OALDY, RT, 306.35 INBOUND, 4 NM LEGS. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS ALTIMETER SETTING AND INCREASE LNAV/VNAV DA TO 746; ALL MDA 60 FEET, AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITIES 1/4 MILE. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 18,ORIG-B.

FDC 8/3769 MTJ FI/P MONTROSE REGIONAL, MONTROSE, CO. GPS RWY 35, ORIG-A...PROFILE VIEW: MINIMUM ALTITUDE AT COQKU 12000. ALTERNATE MINIMUMS: CATS A/B STANDARD, CAT C 1000 - 2 3/4, CAT D 1000 - 3. THIS IS GPS RWY 35, ORIG-B.

FDC 8/3771 MTJ FI/P MONTROSE REGIONAL, MONTROSE, CO. VOR/DME RWY 13, AMDT 8C...CIRCLING CAT A MDA 6280 / HAA 521, CAT B MDA 6300/HAA 541. THIS IS VOR/DME RWY 13, AMDT 8D.

FDC 8/3772 MTJ FI/P MONTROSE REGIONAL, MONTROSE, CO. GPS RWY 17, ORIG...S-17 VIS CATS A/B 1/2, CAT C 3/4, CAT D 1. ALTERNATE MINIMUMS: CATS A/B STANDARD, CAT C 1000-2 3/4, CAT D 1000-3. THIS IS GPS RWY 17, ORIG-A.

FDC 8/3782 DYB FI/P SUMMERVILLE, SUMMERVILLE, SC. NDB OR GPS RWY 6, ORIG-B...S-6 MDA 900/HAT 844 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/2. THIS IS NDB OR GPS RWY 6, ORIG-C.

FDC 8/3783 DYB FI/P SUMMERVILLE, SUMMERVILLE, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES
ORIG...DEPARTURE PROCEDURE: RWY 24, CLIMB HEADING 234.07 TO 600 BEFORE TURNING NORTH. ADD RWY 6, CLIMB HEADING 054.06 TO 600 BEFORE PROCEEDING ON COURSE. ADD NOTE: RWY 6, TREE 842 FT FROM DEPARTURE END OF RUNWAY, 413 FT RIGHT OF CENTERLINE, 84 FT AGL/114 FT MSL. TREE 647 FT FROM DEPARTURE END OF RUNWAY, 6 FT LEFT OF CENTERLINE, 62 FT AGL/92 FT MSL. TREE 642 FT FROM DEPARTURE END OF RUNWAY, 31 FT LEFT OF CENTERLINE, 58 FT AGL/88 FT MSL. ADD NOTE: RWY 24, TREE 1169 FT FROM DEPARTURE END OF RUNWAY, 96 FT LEFT OF CENTERLINE, 72 FT AGL/99 FT MSL. TREE 1183 FT FROM DEPARTURE END OF RUNWAY, 159 FT RIGHT OF CENTERLINE, 70 FT AGL/97 FT MSL. TREE 1176 FT FROM DEPARTURE END OF RUNWAY, 59 FT LEFT OF CENTERLINE, 69 FT AGL/96 FT MSL. TREE 846 FT FROM DEPARTURE END OF RUNWAY, 227 FT LEFT OF CENTERLINE, 65 FT AGL/92 FT MSL. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A.

FDC 8/3821 THV FI/P YORK, YORK, PA. NDB RWY 17, AMDT 6...CIRCLING CAT A MDA 1180/HAA 700. THIS IS NDB RWY 17, AMDT 6A.

FDC 8/3826 ROC FI/P GREATER ROCHESTER INTL, ROCHESTER, NY. RNAV (GPS) RWY 4, ORIG...LNAV/VNAV DA 1320/HAT 785 ALL CATS. VIS 2 3/4 ALL CATS. CIRCLING VIS CATS A/B 1, CAT C 1 3/4. DIST TO THLD FROM 785 HAT: 2.31 NM. DELETE NOTE: BARO-VNAV NA BELOW -15C (5F). DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). DELETE 098 COURSE (4.5) FROM CISON TO BREIT. CHANGE MISSED APPROACH TO READ: CLIMB TO 3000 DIRECT CISON AND VIA 117.68 TRACK TO BREIT AND HOLD. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GEE VOR/DME AIRWAY RADIALS 287 CW 018. THIS IS RNAV (GPS) RWY 4, ORIG-A.

FDC 8/3828 47N FI/P CENTRAL JERSEY RGNL, MANVILLE, NJ. RNAV (GPS) RWY 25, ORIG...MINIMUM ALTITUDE DUYAB/2.30 NM TO RW25 860. CHANGE DESCENT ANGLE/TCH TO: DUYAB TO RWY 25: 3.10/40. THIS IS RNAV (GPS) RWY 25, ORIG-A

FDC 8/3832 MHT FI/P MANCHESTER, MANCHESTER, NH. VOR/DME OR GPS RWY 17, ORIG-B...S-17 MDA 1000/HAT 771 ALL CATS. VIS CAT B RVR 6000, CAT C 2 1/4, CAT D 2 1/2. CIRCLING MDA 1000/HAA 734 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/4, CAT D 2 1/2. CHART ALTERNATE MINIMUMS: CAT C 800-2 1/4, CAT D 800-2 1/2. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART VDP AT 15.54 DME; DISTANCE VDP TO THLD 2.23 MILES. THIS IS VOR/DME OR GPS RWY 17, ORIG-C.

FDC 8/3833 HRJ FI/P HARNETT RGNL JETPORT, ERWIN, NC. NDB RWY 23, AMDT 2...S-23 HAT 458 ALL CATS. CIRCLING HAA 458 CATS A/B, 518 CAT C. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART DISTANCE FAF TO MAP 3.83 NM, DISTANCE FAF TO THLD 3.83 NM. CHANGE: DESCENT ANGLE TO 3.06/55 FT TCH. CHART TDZE: 202 CHART AIRPORT ELEV: 202 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SMITHFIELD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND S-23 CAT C VISIBILITY 1/4 MILE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS NDB RWY 23, AMDT 2A.

FDC 8/3834 TPA FI/P TAMPA INTL, TAMPA, FL. ILS RWY 36L, ILS RWY 36L (CAT II), ILS RWY 36L (CAT III), AMDT 15...MISSED APPROACH: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT PIE VORTAC AND HOLD W, RT, 090 INBOUND. (TACAN AIRCRAFT CONTINUE TO 4000 DIRECT PIE VORTAC THEN VIA PIE R-270 TO LAFAL INT/ 8 DME (SRQ R-336) AND HOLD W, RT, 090 INBOUND). THIS IS ILS OR LOC RWY 36L, ILS RWY 36L (CAT II), ILS RWY 36L (CAT III), AMDT 15A.

FDC 8/3838 UOX FI/P UNIVERSITY-OXFORD, OXFORD, MS. LOC RWY 9, AMDT 2A...S-9 HAT 422, ALL CATS. CIRCLING CATS A/B MDA 980/HAA 528, CAT C/D MDA 1060/HAA 608. CHANGE DISTANCE FAF TO MAP, FAF TO THLD TO 3.97 NM. CHART: TUNNG LOM/INT TO RW09: 3.66/45 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART AIRPORT ELEVATION 452. CHART TDZ ELEVATION 418. THIS IS LOC RWY 9, AMDT 2B.

FDC 8/3845 CXE FI/P CHASE CITY MUNI, CHASE CITY, VA. RNAV (GPS) RWY 36, ORIG...DELETE NOTE: PROCEDURE NA FOR ARRIVAL AT NOKIY VIA V454 NORTHEAST BOUND. DELETE TERMINAL ROUTE NOKIY TO FILOV. THIS IS RNAV (GPS) RWY 36, ORIG-A

FDC 8/3900 AID FI/P ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. VOR OR GPS A, AMDT 8B...CIRCLING CATS A/B/C MDA 1420/HAA 501. INDIANAPOLIS ALTIMETER SETTING MINIMUMS CIRCLING CATS A/B/C MDA 1520/HAA 601. VIS CAT C 1 3/4. THIS IS VOR OR GPS A, AMDT 8C.

FDC 8/3901 WDG FI/P ENID WOODRING REGIONAL, ENID, OK. VOR RWY 17, AMDT 12B...DELETE VANCE ALTIMETER SETTING MINIMUMS. DELETE NOTE: WHEN TOWER CLOSED, USE VANCE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-17 CAT C/D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 MILE. THIS IS VOR RWY 17, AMDT 12C.

FDC 8/3902 WDG FI/P ENID WOODRING REGIONAL, ENID, OK. VOR RWY 35, AMDT 13A...DELETE VANCE ALTIMETER SETTING MINIMUMS. DELETE NOTE: WHEN TOWER CLOSED, USE VANCE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND CAT C VISIBILITY 1/4 MILE. THIS IS VOR RWY 35, AMDT 13B.

FDC 8/3903 WDG FI/P ENID WOODRING REGIONAL, ENID, OK. ILS RWY 35, AMDT 4A...DELETE VANCE ALTIMETER SETTING MINIMUMS. DELETE NOTE: WHEN TOWER CLOSED, USE VANCE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET, S-LOC CAT C/D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: ADF REQUIRED. THIS IS ILS OR LOC RWY 35, AMDT 4B.

FDC 8/3904 WDG FI/P ENID WOODRING REGIONAL, ENID, OK. GPS RWY 35, ORIG-A...DELETE VANCE ALTIMETER SETTING MINIMUMS. DELETE NOTE: WHEN TOWER CLOSED, USE VANCE ALTIMETER SETTING. DELETE NOTE: VDP NA VANCE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GUTHRIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: VDP NA WHEN USING GUTHRIE ALTIMETER SETTING. THIS IS GPS RWY 35, ORIG-B.

FDC 8/3914 ZZV FI/P ZANESVILLE MUNI, ZANESVILLE, OH. VOR OR GPS RWY 22, AMDT 3A...MSA FROM: ZZV VOR/DME 2700. THIS IS VOR OR GPS RWY 22, AMDT 3B.

FDC 8/3915 ZZV FI/P ZANESVILLE MUNI, ZANESVILLE, OH. VOR OR GPS RWY 4, AMDT 6A...MSA FROM: ZZV VOR/DME 2700. THIS IS VOR OR GPS RWY 4, AMDT 6B.

FDC 8/3916 SKY FI/P GRIFFING-SANDUSKY, SANDUSKY, OH. VOR RWY 27, AMDT 7...CIRCLING CATS B/C MDA 1160/HAA 580. CLEVELAND HOPKINS ALTIMETER SETTING MINIMUMS: CIRCLING CATS B/C MDA 1260/HAA 680. VIS CAT C 2. THIS IS VOR RWY 27, AMDT 7A.

FDC 8/3917 SKY FI/P GRIFFING-SANDUSKY, SANDUSKY, OH. VOR/DME OR GPS RWY 27, AMDT 2...CIRCLING CATS B/C MDA 1160/HAA 580. CLEVELAND HOPKINS ALTIMETER SETTING MINIMUMS: CIRCLING CATS B/C MDA 1260/HAA 680. VIS CAT C 2. THIS IS VOR/DME OR GPS RWY 27, AMDT 2A.

FDC 8/3918 I17 FI/P PIQUA AIRPORT-HARTZELL FIELD, PIQUA, OH. VOR RWY 26, AMDT 6...CHART: TOUCHDOWN ZONE ELEVATION 987 CHART: AIRPORT ELEVATION 994 S-26 MDA 1500/HAT 513 ALL CATS. VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CATS A/B/C MDA 1500/HAA 506. DELETE NOTE: USE DAYTON INTL ALTIMETER SETTING. CHART NOTE: USE JAMES M. COX DAYTON INTL ALTIMETER SETTING. THIS IS VOR RWY 26, AMDT 6A.

FDC 8/3919 I17 FI/P PIQUA AIRPORT-HARTZELL FIELD, PIQUA, OH. RNAV (GPS) RWY 8, ORIG...DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 8, ORIG-A.

FDC 8/3920 I17 FI/P PIQUA AIRPORT-HARTZELL FIELD, PIQUA, OH. RNAV (GPS) RWY 26, ORIG...LNAV MDA 1500/HAT 513 ALL CATS. VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING CATS A/B/C MDA 1500/HAA 506. CHART: TOUCHDOWN ZONE ELEVATION 987 DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 26, ORIG-A.

FDC 8/3921 I12 FI/P SIDNEY MUNI, SIDNEY, OH. VOR/DME RNAV OR GPS RWY 28, AMDT 5A...CIRCLING CAT C MDA 1540/HAA 495. THIS IS VOR/DME RNAV OR GPS RWY 28, AMDT 5B.

FDC 8/3922 I12 FI/P SIDNEY MUNI, SIDNEY, OH. VOR OR GPS RWY 23, AMDT 12A...CIRCLING CAT C MDA 1540/HAA 495. THIS IS VOR OR GPS RWY 23, AMDT 12B.

FDC 8/3967 4G4 FI/P YOUNGSTOWN ELSEY METRO, YOUNGSTOWN, OH. TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG...TAKE-OFF MINIMUMS: RWY 10, 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 237 FEET PER NM TO 1500 FEET. NOTE: RWY 10, TOWER 8758 FT FROM DER, 1882 FT LEFT OF CENTERLINE, 138 FT AGL/1332 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC 8/3968 4G4 FI/P YOUNGSTOWN ELSEY METRO, YOUNGSTOWN, OH. GPS RWY 28, ORIG-A...S-28 MDA CATS A/B 1600/HAT 537. YOUNGSTOWN-WARREN REGIONAL ALTIMETER SETTING MINIMUMS: S-28 MDA CATS A/B 1660/HAT 597. THIS IS GPS RWY 28, ORIG-B.

FDC 8/4118 2A2 FI/P HOLLEY MOUNTAIN AIRPARK, CLINTON, AR. RNAV (GPS) RWY 5, AMDT 1...LNAV MDA 1760/HAT 492 ALL CATS CHART VDP AT 1.4 MILES TO RW05 MARION COUNTY RGNL ALTIMETER SETTING MINIMUMS LNAV MDA 1920/HAT 652 ALL CATS, VISIBILITY CAT C 1 3/4. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 5, AMDT 1A.

FDC 8/4121 SAT FI/P SAN ANTONIO INTL, SAN ANTONIO, TX. RNAV (GPS) RWY 12R, ORIG-A...CLIMB TO 3100 DIRECT WAKKS AND RIGHT TURN VIA 167 TRACK TO EMBOW AND HOLD. THIS IS RNAV (GPS) RWY 12R, ORIG-B.

FDC 8/4122 SAT FI/P SAN ANTONIO INTL, SAN ANTONIO, TX. RNAV (GPS) RWY 21, AMDT 1...MISSED APPROACH: CLIMB TO 3100 DIRECT BLUEIE AND VIA 142 TRACK TO EMBOW AND HOLD. CIRCLING CATS A/B/C MDA 1380/HAA 571, CAT D MDA 1440/HAA 631. THIS IS RNAV (GPS) RWY 21, AMDT 1A.

FDC 8/4141 SAT FI/P SAN ANTONIO INTL, SAN ANTONIO, TX ILS RWY 12R AMDT 13A...ILS RWY 12R (CAT II) AMDT 13A...MISSED APPROACH: CLIMB TO 3100 HEADING 124 THEN VIA SAT R-160 TO EMBOW INT AND HOLD. THIS IS ILS OR LOC RWY 12R, ILS RWY 12R (CAT II) AMDT 13B.

FDC 8/4147 MHE FI/P MITCHELL MUNI, MITCHELL, SD. ILS RWY 30, ORIG...CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2174 MSL. THIS IS ILS OR LOC RWY 30, ORIG-A.

FDC 8/4148 VMR FI/P HAROLD DAVIDSON FIELD, VERMILLION, SD. NDB OR GPS RWY 30, AMDT 1...DELETE NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; IF NOT RECEIVED, USE YANKTON ALTIMETER SETTING. DELETE YANKTON ALTIMETER SETTING MINIMUMS. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE YANKTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND CAT C VISIBILITIES 1/4 MILE. THIS IS NDB OR GPS RWY 30, AMDT 1A.

FDC 8/4170 THV FI/P YORK, YORK, PA. GPS RWY 35, AMDT 2...S-35 MDA 1080/HAT 600 ALL CATS. CIRCLING CAT A MDA 1180/HAA 700. CHANGE MINIMUM ALTITUDE AT 3NM TO RW35 TO 1260. DELETE VDP. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 815 MSL TOWER 395203N/0765112W. THIS IS GPS RWY 35, AMDT 2A.

FDC 8/4186 EOK FI/P KEOKUK MUNI, KEOKUK, IA. RNAV (GPS) RWY 32, ORIG...LNAV/VNAV DA 1163/HAT 492 ALL CATS, VIS 1 3/4 ALL CATS. CIRCLING MDA 1180/HAA 509 CATS A/B, VIS CAT A/B 1. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BURLINGTON RGNL ALTIMETER SETTING AND INCREASE ALL DA/MDA 60 FEET, AND INCREASE LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS. THIS IS RNAV (GPS) RWY 32, ORIG-A.

FDC 8/4192 IFA FI/P IOWA FALLS MUNI, IOWA FALLS, IA. NDB OR GPS RWY 31, AMDT 4...DELETE NOTE: USE WEBSTER CITY ALTIMETER SETTING: IF NOT RECEIVED, USE FORT DODGE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WEBSTER CITY ALTIMETER SETTING. THIS IS NDB OR GPS RWY 31, AMDT 4A.

FDC 8/4226 AMW FI/P AMES MUNI, AMES, IA. ILS RWY 1, AMDT 1...CIRCLING MDA 1460/HAA 505 CAT C. THIS IS ILS OR LOC RWY 1, AMDT 1A.

FDC 8/4227 AMW FI/P AMES MUNI, AMES, IA. RNAV (GPS) RWY 1, AMDT 1...CIRCLING MDA 1460/HAA 505 CAT C. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 1, AMDT 1A.

FDC 8/4228 AMW FI/P AMES MUNI, AMES, IA. RNAV (GPS) RWY 31, ORIG...CIRCLING MDA 1460/HAA 505 CAT C. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 31, ORIG-A.

FDC 8/4229 AMW FI/P AMES MUNI, AMES, IA. RNAV (GPS) RWY 19, ORIG...CIRCLING MDA 1460/HAA 505 CAT C. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 19, ORIG-A.

FDC 8/4230 AMW FI/P AMES MUNI, AMES, IA. RNAV (GPS) RWY 13, ORIG...S-13 MDA 1400/HAT 470. CIRCLING MDA 1460/HAA 505 CAT C. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 13, ORIG-A.

FDC 8/4239 OAK FI/P METROPOLITAN OAKLAND INTL, OAKLAND, CA. RNAV (GPS) RWY 11, ORIG-A...LNAV/VNAV DECISION ALTITUDE 333/HAT 324. LNAV HAT 451 ALL CATS. CIRCLING HAA CAT A 511, CATS B/C 531, CAT D 551. CHART 1800 MANDATORY AT PLAZA. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART AIRPORT ELEVATION 9 FEET. CHART TDZ ELEVATION 9 FEET. ALTERNATE MINIMUMS STANDARD. THIS IS RNAV (GPS) RWY 11, ORIG-B.

FDC 8/4281 BOS FI/P GEN EDWARD LAWRENCE LOGAN INTL, BOSTON, MA. VOR/DME RWY 15R, AMDT 2...CHANGE ALL REFERENCE HAAVD 5.00 DME FIX TO JIDER 5.00 DME FIX. THIS IS VOR/DME RWY 15R, AMDT 2A.

FDC 8/4282 BOS FI/P GEN EDWARD LAWRENCE LOGAN INTL, BOSTON, MA. VOR/DME RWY 33L, AMDT 2B...CHANGE ALL REFERENCE YARDD 8.00 DME FIX TO SUBBZ 8.00 DME FIX. THIS IS VOR/DME RWY 33L, AMDT 2C.

FDC 8/4292 LGC FI/P LAGRANGE-CALLAWAY, LAGRANGE, GA. ILS RWY 31, AMDT 1A...DELETE NOTE: GLIDE SLOPE UNUSABLE BELOW 850 FEET. THIS IS ILS OR LOC RWY 31, AMDT 1B.

FDC 8/4366 TER FI/P TELLER, TELLER, AK. RNAV (GPS) RWY 25, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 25, ORIG-A.

FDC 8/4370 TER FI/P TELLER, TELLER, AK. RNAV (GPS) RWY 7, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 7, ORIG-A.

FDC 8/4422 AUS FI/P AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 35L, AMDT 4...MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 3500 VIA CWK VORTAC R-222 TO GARDS INT/CWK 29.2 DME AND HOLD. DELETE SPECIAL AIRCRAFT CERTIFICATION REQUIRED LINE OF MINIMUMS. DELETE NOTE: USE OF FLIGHT DIRECTOR OR AUTOPILOT OR HGS REQUIRED. CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 35L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 35L, AMDT 4A.

FDC 8/4443 00R FI/P LIVINGSTON MUNI, LIVINGSTON, TX. RNAV (GPS) RWY 30, ORIG...DELETE NOTE GPS OR RNP-0.3 REQUIRED. CHANGE ALTIMETER SETTING NOTE TO READ: USE HOUSTON/LONE STAR EXECUTIVE ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 30, ORIG-A.

FDC 8/4444 CXO FI/P LONE STAR EXECUTIVE, HOUSTON, TX. NDB RWY 14, AMDT 2...CHART NOTE: CIRCLING NA AT NIGHT. CHANGE CITY NAME FROM CONROE TO HOUSTON. THIS IS NDB RWY 14, AMDT 2A.

FDC 8/4448 CXO FI/P LONE STAR EXECUTIVE, HOUSTON, TX. ILS RWY 14, AMDT 2...CHART NOTE: CIRCLING NA AT NIGHT. CHANGE CITY NAME FROM CONROE TO HOUSTON. THIS IS ILS OR LOC RWY 14, AMDT 2A.

FDC 8/4449 CXO FI/P LONE STAR EXECUTIVE, HOUSTON, TX. RNAV (GPS) RWY 32, ORIG-A...CHART NOTE: CIRCLING NA AT NIGHT. MISSED APPROACH: CLIMB TO 2300 DIRECT ALIBI AND HOLD. DELETE NOTE GPS OR RNP-0.3 REQUIRED. CHANGE CITY NAME FROM CONROE TO HOUSTON. THIS IS RNAV (GPS) RWY 32, ORIG-B.

FDC 8/4587 PTS FI/P ATKINSON MUNI, PITTSBURG, KS. RNAV (GPS) RWY 4, ORIG-A...DELETE CHART NOTE: STRAIGHT-IN MINIMUMS NOT AUTHORIZED AT NIGHT. DELETE CHART NOTE: USE JOPLIN ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOPLIN ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 4, ORIG-B.

FDC 8/4588 PTS FI/P ATKINSON MUNI, PITTSBURG, KS. RNAV (GPS) RWY 22, ORIG-A...DELETE CHART NOTE: STRAIGHT-IN MINIMUMS NOT AUTHORIZED AT NIGHT. DELETE CHART NOTE: USE JOPLIN ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOPLIN ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 22, ORIG-B.

FDC 8/4589 PTS FI/P ATKINSON MUNI, PITTSBURG, KS. VOR/DME RWY 4, AMDT 3A...DELETE CHART NOTE: STRAIGHT-IN MINIMUMS NOT AUTHORIZED AT NIGHT. DELETE CHART NOTE: USE JOPLIN ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JOPLIN ALTIMETER SETTING. THIS IS VOR/DME RWY 4, AMDT 3B.

FDC 8/4717 9G8 FI/P EBENSBURG, EBENSBURG, PA. VOR OR GPS A, AMDT 6A...CIRCLING CAT B/C MDA 2940/HAA 841, VIS CAT B 1-1/4, CAT C 2-1/2. JOHNSTOWN ALTIMETER SETTING MINIMUMS: CIRCLING CAT B/C MDA 2980/HAA 881, VIS CAT B 1-1/4, CAT C 2-3/4. DELETE MAP: 5.07 MILES AFTER REC VOR/DME OR AT 5.07 DME. MAP: 5.07 MILES AFTER REC VOR/DME. THIS IS VOR OR GPS A, AMDT 6B.

FDC 8/4719 MHT FI/P MANCHESTER, MANCHESTER, NH. ILS OR LOC RWY 6, AMDT 1A...S-LOC 6 MDA 820/HAT 596 ALL CATS. VIS CAT C 1 1/2, CAT D 1 3/4. DELETE PROFILE NOTE: LOC UNUSABLE 0.8 NM TO THRESHOLD ABOVE 1300. CHANGE TCH TO 48.4. GS ALTITUDE AT FITZY LOM/INT 1979. THIS IS ILS OR LOC RWY 6, AMDT 1B.

FDC 8/4725 PMD FI/P PALMDALE REGIONAL/USAF PLANT 42, PALMDALE, CA. RNAV (GPS) RWY 25, ORIG-A...DELETE CATEGORY E MINIMUMS DELETE WAAS SYMBOL DELETE NOTE: GPS OR RNP-0.3 REQUIRED DELETE NOTE: CIRCLING NOT AUTHORIZED SOUTH OF RWY 7-25 FOR CAT E. ALTERNATE MINIMUMS: STANDARD CHART NOTE: CIRCLING TO RWY 7 NA AT NIGHT. CIRCLING CAT A/B VISIBILITY 1 MILE. THIS IS RNAV (GPS) RWY 25, ORIG-B.

FDC 8/4726 SCK FI/P STOCKTON METROPOLITAN, STOCKTON, CA. NDB RWY 29R, AMDT 14D...S-29R MDA 520/490 HAT ALL CATS, VISIBILITY CAT D RVR 6000 CIRCLING CAT A MDA 520/HAA 490 DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-29R CAT C VISIBILITY TO 1 MILE. THIS IS NDB RWY 29R, AMDT 14E.

FDC 8/4727 SCK FI/P STOCKTON METROPOLITAN, STOCKTON, CA. VOR RWY 29R, AMDT 18A...S-29R MDA 460/ HAT 430 ALL CATS. VISIBILITY CATS A/B RVR 5000, CAT C RVR 6000, CAT D 1 1/2 MILES. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CAT D. THIS IS VOR RWY 29R, AMDT 18B.

FDC 8/4728 SCK FI/P STOCKTON METROPOLITAN, STOCKTON, CA. GPS RWY 29R, ORIG-B...S-29R MDA 460/HAT 430 ALL CATS. VISIBILITY CAT C RVR 4000 DELETE VDP DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-29R CAT D TO 1 1/4 MILE. THIS IS GPS RWY 29R, ORIG-C.

FDC 8/4813 ABI FI/P ABILENE REGIONAL, ABILENE, TX. LOC BC RWY 17L, AMDT 3C...S-17L MDA 2140/HAT 349 ALL CATS, VIS CATS D/E 1 1/4. THIS IS LOC BC RWY 17L, AMDT 3D.

FDC 8/4814 JMS FI/P JAMESTOWN REGIONAL, JAMESTOWN, ND. ILS OR LOC RWY 31, AMDT 7D...S-ILS DA 1698/HAT 200 ALL CATS. THIS IS ILS OR LOC RWY 31, AMDT 7E.

FDC 8/4822 ORK FI/P NORTH LITTLE ROCK MUNI, NORTH LITTLE ROCK, AR. LOC/DME RWY 5, ORIG...S-LOC 5 MDA 980/HAT 439 ALL CATS, VIS CAT C 1 1/4. THIS IS LOC/DME RWY 5, ORIG-A.

FDC 8/4823 PMV FI/P PLATTSMOUTH MUNI, PLATTSMOUTH, NE. NDB RWY 16, ORIG...S-16 AND CIRCLING CAT C MINIMUMS NA. MSA FROM PLATTSMOUTH (PMV) NDB 3800. DELETE NOTE USE OFFUTT AFB, NE ALTIMETER SETTING. ADD NOTE WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OFFUTT AFB ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. CIRCLING HAA 636 CATS A, B AIRPORT ELEVATION 1204. THIS IS NDB RWY 16, ORIG-A.

FDC 8/4856 SFZ FI/P NORTH CENTRAL STATE, PAWTUCKET, RI. LOC RWY 5, AMDT 5D...CIRCLING MDA 980/HAA 539 CATS A/B/C. THIS IS LOC RWY 5, AMDT 5E.

FDC 8/4857 SFZ FI/P NORTH CENTRAL STATE, PAWTUCKET, RI. VOR OR GPS A, AMDT 6A...CIRCLING MDA 980/HAA 539 CATS A/B/C. THIS IS VOR OR GPS A, AMDT 6B.

FDC 8/4858 SFZ FI/P NORTH CENTRAL STATE, PAWTUCKET, RI. GPS RWY 5, ORIG...CIRCLING MDA 980/HAA 539 CATS A/B/C. THIS IS GPS RWY 5, ORIG-A.

FDC 8/4860 SFZ FI/P NORTH CENTRAL STATE, PAWTUCKET, RI. GPS RWY 23, ORIG-A...CIRCLING MDA 980/HAA 539 CATS A/B/C. THIS IS GPS RWY 23, ORIG-B.

FDC 8/4861 SFZ FI/P NORTH CENTRAL STATE, PAWTUCKET, RI. VOR OR GPS B, AMDT 6A...CIRCLING MDA 980/HAA 539 CATS A/B/C. THIS IS VOR OR GPS B, AMDT 6B.

FDC 8/4862 LUK FI/P CINCINNATI MUNI AIRPORT-LUNKEN FIELD, CINCINNATI, OH. LOC BC RWY 3R, AMDT 8B...CHART: FLM VOR/DME (IAF). THIS IS LOC BC RWY 3R, AMDT 8C.

FDC 8/4863 MNN FI/P MARION MUNI, MARION, OH. LOC/DME RWY 25, ORIG-A...S-25 ALL CATS HAT 367. CIRCLING CAT B MDA 1500/HAA 507, CAT C MDA 1540/HAA 547. CHART NOTES: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE OHIO STATE UNIVERSITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. VISIBILITY REDUCTION BY HELICOPTERS NA. CHART TOUCHDOWN ZONE ELEVATION 993. CHART AIRPORT ELEVATION 993. THIS IS LOC/DME RWY 25, ORIG-B.

FDC 8/4919 7M4 FI/P OSCEOLA MUNI, OSCEOLA, AR. NDB OR GPS RWY 19, ORIG-A...MINIMUM PROCEDURE TURN OUTBOUND ALTITUDE 1800. THIS IS NDB OR GPS RWY 19, ORIG-B.

FDC 8/4936 MSY FI/P LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS RWY 1, AMDT 16C...S-ILS 1: DA 381 ALL CATS. GS ALT AT DOLAR 1452. S-LOC 1: HAT 417 ALL CATS. CIRCLING: CATS A/B/C HAA 516, CAT D MDA 580/HAA 576. ALTERNATE MINIMUMS STANDARD. AIRPORT ELEVATION 4 FEET. TDZ ELEVATION 3 FEET. THIS IS ILS OR LOC RWY 1, AMDT 16D.

FDC 8/4937 MSY FI/P LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. RADAR-1, AMDT 17...S-10: HAT 336 ALL CATS. S-19: HAT 420 ALL CATS. CIRCLING: CATS A/B/C HAA 516, CAT D CIRCLING MDA 580/HAA 576. AIRPORT ELEVATION 4 FEET. RWY 10 TDZ ELEVATION 4 FEET. RWY 19 TDZ ELEVATION 0 FEET. THIS IS RADAR-1, AMDT 17A

FDC 8/4938 MSY FI/P LOUIS ARMSTRONG NEW ORLEANS INTL, NEW ORLEANS, LA. ILS RWY 10 AMDT 2A...ILS RWY 10 (CAT II) AMDT 2A...ILS RWY 10 (CAT III) AMDT 2A...S-ILS 10 (CAT I) : DA 204 ALL CATS. S-ILS 10 (CAT II): DELETE ALL REFERENCES TO RA 150. S-ILS 10 (CAT II): DA 104 ALL CATS. S-LOC 10: HAT 356 ALL CATS. CIRCLING: CATS A/B/C HAA 516, CAT D MDA 580/HAA 576. ALTERNATE MINIMUMS STANDARD. AIRPORT ELEVATION 4 FEET. TDZ ELEVATION 4 FEET. THIS IS ILS OR LOC RWY 10, ILS RWY 10 (CAT II), ILS RWY 10 (CAT III), AMDT 2B.

FDC 8/4945 LNN FI/P WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. VOR B, ORIG-A...MISSED APPROACH: CLIMBING LEFT TURN TO 3100 DIRECT CXR VOR/DME AND HOLD. THIS IS VOR B, ORIG-B.

FDC 8/4946 LNN FI/P WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. VOR RWY 28, ORIG-B...MISSED APPROACH: CLIMBING RIGHT TURN TO 3100 VIA HEADING 360, THEN RIGHT TURN DIRECT CXR VOR/DME AND HOLD. THIS IS VOR RWY 28, ORIG-C.

FDC 8/4947 LNN FI/P WILLOUGHBY LOST NATION MUNI, WILLOUGHBY, OH. VOR A, ORIG-A...MISSED APPROACH: CLIMB TO 3100, THEN RIGHT TURN DIRECT CXR VOR/DME AND HOLD. THIS IS VOR A, ORIG-B.

FDC 8/4962 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. RNAV (GPS) RWY 13, ORIG...CIRCLING CAT C MDA 660/HAA 590. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: CIRCLING NA AT NIGHT TO RWY 04R/22L. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. THIS IS RNAV (GPS) RWY 13, ORIG-A.

FDC 8/4964 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. RNAV (GPS) RWY 4L, AMDT 1...DELETE NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 4L PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 4L, AMDT 1A.

FDC 8/4965 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. NDB RWY 31, AMDT 2A...DELETE NOTE: CIRCLING TO RWY 4R/22L NA AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. THIS IS NDB RWY 31, AMDT 2B.

FDC 8/4967 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. VOR RWY 4L, AMDT 17...PAYIN FIX MINIMUMS: CIRCLING CAT C MDA 660/HAA 590. DELETE NOTE: CIRCLING TO RWY 4R/22L NOT AUTHORIZED AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 4L PROCEDURE NA AT NIGHT. THIS IS VOR RWY 4L, AMDT 17A.

FDC 8/4969 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. RNAV (GPS) RWY 22R, AMDT 1...CIRCLING CAT C MDA 660/HAA 590. THIS IS RNAV (GPS) RWY 22R, AMDT 1A.

FDC 8/4970 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. RNAV (GPS) RWY 31, AMDT 1A...CIRCLING CAT C MDA 660/HAA 590. THIS IS RNAV (GPS) RWY 31, AMDT 1B.

FDC 8/4973 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. VOR/DME RWY 22R, AMDT 8E...S-22R MDA 480/HAT 410 ALL CATS, VIS CAT C RVR 6000. CIRCLING CAT C MDA 660/HAA 590. DELETE NOTE: CIRCLING TO RWY 4R/22L NA AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. THIS IS VOR/DME RWY 22R, AMDT 8F.

FDC 8/4974 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. RADAR-1, AMDT 10B...CIRCLING CAT C MDA 660/HAA 590. DELETE NOTE: CIRCLING TO RWY 4R/22L NOT AUTHORIZED AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. THIS IS RADAR-1, AMDT 10C.

FDC 8/4975 BTR FI/P BATON ROUGE METRO, RYAN FIELD, BATON ROUGE, LA. ILS OR LOC RWY 13, AMDT 27B...CIRCLING CAT C MDA 660/HAA 590. DELETE NOTE: CIRCLING TO RWY 4R/22L NA AT NIGHT. CHART NOTE: WHEN VGSI INOPERATIVE, CIRCLING TO RWY 4L NA AT NIGHT. THIS IS ILS OR LOC RWY 13, AMDT 27C.

FDC 8/5001 ICT FI/P WICHITA MID-CONTINENT, WICHITA, KS. ILS OR LOC RWY 1R, AMDT 17A...S-ILS 1R VIS CAT A/B/C/D RVR 1800. DELETE NOTE: VIS CAT A/B/C/D RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. DELETE ATTENTION SYMBOL FROM S-ILS 19R LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 1R, AMDT 17B.

FDC 8/5173 GSH FI/P GOSHEN MUNI, GOSHEN, IN. VOR RWY 9, AMDT 12...CHART: DIST FAF TO MAP: 3.00 THLD: 3.00. MISSED APPROACH: MAP: 3.00 MILES AFTER MARIS/7.00 DME/RADAR OR AT GSH 10.00 DME FIX. THIS IS VOR RWY 9, AMDT 12A.

FDC 8/5175 GPH FI/P MIDWEST NATIONAL AIR CENTER, MOSBY, MO. ILS OR LOC/DME RWY 18, ORIG...MISSED APPROACH: CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2900 DIRECT ANX VORTAC AND HOLD. THIS IS ILS OR LOC/DME RWY 18, ORIG-A.

FDC 8/5176 3GV FI/P EAST KANSAS CITY, GRAIN VALLEY, MO. VOR OR GPS RWY 23, AMDT 3...PROCEDURE TURN MINIMUM ALTITUDE 2900. MISSED APPROACH: CLIMB TO 1600 VIA ANX R-212 THEN CLIMBING RIGHT TURN TO 2900 DIRECT ANX VORTAC AND HOLD. THIS IS VOR OR GPS RWY 23, AMDT 3A.

FDC 8/5177 LXT FI/P LEE S SUMMIT MUNI, LEE S SUMMIT, MO. VOR/DME A, ORIG...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES B. WHEELER DOWNTOWN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, AND CAT C VISIBILITY 1/4 MILE. CHART IN PROFILE: MINIMUM ALTITUDE AT ANX VORTAC 2900. MISSED APPROACH: CLIMBING LEFT TURN TO 2900 DIRECT ANX VORTAC AND HOLD. DELETE KANSAS CITY DOWNTOWN ALTIMETER SETTING MINIMUMS. THIS IS VOR/DME A, ORIG-A.

FDC 8/5182 HAE FI/P HANNIBAL REGIONAL, HANNIBAL, MO. VOR/DME OR GPS A, AMDT 3...CIRCLING MDA 1300/HAA 534 CATS A/B/C. THIS IS VOR/DME OR GPS A, AMDT 3A.

FDC 8/5183 MLS FI/P FRANK WILEY FIELD, MILES CITY, MT. NDB RWY 4, AMDT 5...S-4 HAT 431 ALL CATS. CIRCLING HAA CAT A 430, CAT B 450, CAT C 470, CAT D 550. MISSED APPROACH: CLIMB TO 4500 VIA 057 BEARING FROM HTN NDB THEN LEFT TURN DIRECT HTN NDB AND HOLD. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART: AIRPORT ELEV 2630. CHART: TDZ ELEV 2629. THIS IS NDB RWY 4, AMDT 5A.

FDC 8/5184 MLS FI/P FRANK WILEY FIELD, MILES CITY, MT. RNAV (GPS) RWY 4, AMDT 1...DELETE NOTE: BARO-VNAV NA BELOW -20C (-4F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV . NA BELOW -20C (-4F) OR ABOVE 32C (111F). CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 4, AMDT 1A.

FDC 8/5185 GRB FI/P AUSTIN STRAUBEL INTERNATIONAL, GREEN BAY, WI.
RNAV (GPS) RWY 24, ORIG...CIRCLING: CATS A/B/C MDA 1200/ HAA 505.
DELETE NOTE: GPS OR RNP-0.3 REQUIRED. MISSED APPROACH: CLIMB TO
2500 DIRECT KILBY AND HOLD. ALTERNATE MINIMUMS: STANDARD. THIS
IS RNAV (GPS) RWY 24, ORIG-A.

FDC 8/5186 GRB FI/P AUSTIN STRAUBEL INTERNATIONAL, GREEN BAY, WI.
VOR A, ORIG...CIRCLING: CATS A/B/C MDA 1200/ HAA 505. THIS IS VOR A,
ORIG-A.

FDC 8/5187 GRB FI/P AUSTIN STRAUBEL INTERNATIONAL, GREEN BAY, WI.
LOC BC RWY 24, AMDT 18...CIRCLING: CATS A/B/C MDA 1200/ HAA 505. THIS
IS LOC BC RWY 24, AMDT 18A.

FDC 8/5188 GRB FI/P AUSTIN STRAUBEL INTERNATIONAL, GREEN BAY, WI.
RNAV (GPS) RWY 6, AMDT 1...CIRCLING: CATS A/B/C MDA 1200/ HAA 505.
DELETE NOTE: GPS OR RNP-0.3 REQUIRED. MISSED APPROACH: CLIMB TO
2500 DIRECT HAMRO AND HOLD. ALTERNATE MINIMUMS: STANDARD. THIS
IS RNAV (GPS) RWY 6, AMDT 1A.

FDC 8/5189 MLS FI/P FRANK WILEY FIELD, MILES CITY, MT. VOR RWY 4,
AMDT 11...S-4 MDA 3040 / HAT 411 ALL CATS. VIS CAT C 1 1/4. CIRCLING HAA
CAT A 430, CAT B 450, CAT C 470, CAT D 550. MISSED APPROACH: CLIMB TO
4700 VIA MLS R-030 THEN LEFT TURN DIRECT MLS VORTAC AND HOLD.
DELETE: VDP AT 2.2 MILES. DISTANCE VDP TO THLD 1.1 MILES. CHART
NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART: AIRPORT
ELEV 2630. CHART: TDZ ELEV 2629. THIS IS VOR RWY 4, AMDT 11A.

FDC 8/5190 MLS FI/P FRANK WILEY FIELD, MILES CITY, MT. VOR/DME OR
GPS RWY 22, AMDT 8...S-22 HAT 392 ALL CATS. CIRCLING HAA CAT A 430,
CAT B 450, CAT C 470, CAT D 550. CHART: AIRPORT ELEV 2630. CHART: TDZ
ELEV 2628. THIS IS VOR/DME OR GPS RWY 22, AMDT 8A.

FDC 8/5191 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY
4R, AMDT 6H...S-ILS 4R VIS RVR 1800 ALL CATS. REMOVE NOTE, RVR 1800
AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA, AND ATTENTION
SYMBOL FROM S-ILS 4R LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 4R,
AMDT 6I.

FDC 8/5192 OKS FI/P GARDEN COUNTY, OSHKOSH, NE. NDB RWY 12, AMDT
1...CHANGE ALTIMETER SETTING NOTE TO READ: USE OGALLALA
ALTIMETER SETTING; WHEN NOT RECEIVED USE SYDNEY ALTIMETER
SETTING. CHART OGALLALA AWOS-3; 121.275. THIS IS NDB RWY 12, AMDT
1A.

FDC 8/5193 ORD FI/P CHICAGO-O HARE INTL, CHICAGO, IL. ILS OR LOC RWY 22R, AMDT 7D...S-ILS 22R VIS RVR 1800 ALL CATS. REMOVE NOTE, RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA, AND ATTENTION SYMBOL FROM S-ILS 22R LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 22R, AMDT 7E.

FDC 8/5195 GDB FI/P GRANITE FALLS MUNI/LENZEN-ROE MEML FLD, GRANITE FALLS, MN. GPS RWY 33, ORIG-A...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEVIDEO ALTIMETER SETTING. THIS IS GPS RWY 33, ORIG-B.

FDC 8/5196 GDB FI/P GRANITE FALLS MUNI/LENZEN-ROE MEML FLD, GRANITE FALLS, MN. VOR/DME RWY 33, ORIG-A...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEVIDEO ALTIMETER SETTING. THIS IS VOR/DME RWY 33, ORIG-B.

FDC 8/5198 BBB FI/P BENSON MUNI, BENSON, MN. NDB RWY 14, AMDT 7...CHART ALTERNATE MINIMUMS NA. THIS IS NDB RWY 14, AMDT 7A.

FDC 8/5199 MOX FI/P MORRIS MUNI-CHARLIE SCHMIDT FLD, MORRIS, MN. VOR OR GPS RWY 14, ORIG-A...MINIMUM ALTITUDE WATERTOWN (ATY) VORTAC TO MORRIS (MOX) VOR/DME 3900. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. S-14 HAT 428 ALL CATS. CIRCLING CAT A HAA 422, CAT B/C MDA 1600, HAA 462. CHART AIRPORT ELEV 1138, TDZ ELEV 1132. THIS IS VOR OR GPS RWY 14, ORIG-B.

FDC 8/5208 EOP FI/P PIKE COUNTY, WAVERLY, OH. NDB RWY 25, AMDT 1...TERMINAL ROUTE YORK (YRK) VORTAC TO WAVERLY (EOP) NDB MINIMUM ALTITUDE 3300. THIS IS NDB RWY 25, AMDT 1A.

FDC 8/5209 EOP FI/P PIKE COUNTY, WAVERLY, OH. GPS RWY 7, ORIG-A...TERMINAL ROUTE YORK (YRK) VORTAC TO GIJWE MINIMUM ALTITUDE 3300. THIS IS GPS RWY 7, ORIG-B.

FDC 8/5214 ANE FI/P ANOKA COUNTY-BLAINE ARPT (JANES FIELD), MINNEAPOLIS, MN. ILS OR LOC/DME RWY 27, ORIG...S-ILS 27 VIS 1/2 ALL CATS. S-LOC 27 VIS CATS A/B 1/2. CHART PLANVIEW NOTE: DME REQUIRED. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 27 ALL CATS. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 27 CATS A AND B VISIBILITY TO 1. THIS IS ILS OR LOC/DME RWY 27, ORIG-A.

FDC 8/5215 ANE FI/P ANOKA COUNTY-BLAINE ARPT (JANES FIELD), MINNEAPOLIS, MN. RNAV (GPS) RWY 27, ORIG...LPV DA VIS 1/2 ALL CATS. LNAV MDA VIS 1/2 CAT A/B/C. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C VISIBILITY TO 1 1/4. THIS IS RNAV (GPS) RWY 27, ORIG-A.

FDC 8/5220 6G0 FI/P ATHELONE WILLIAMS MEMORIAL, DAVISON, MI. VOR RWY 8, ORIG-A...MSA FROM FNT VORTAC 360-360 3100. THIS IS VOR RWY 8, ORIG-B.

FDC 8/5221 9G2 FI/P PRICES, LINDEN, MI. VOR A, ORIG...MSA FROM FNT VORTAC 360-360 3100. THIS IS VOR A, ORIG-A.

FDC 8/5229 BMT FI/P BEAUMONT MUNI, BEAUMONT, TX. RNAV (GPS) RWY 13, ORIG-A...DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 13, ORIG-B.

FDC 8/5230 BMT FI/P BEAUMONT MUNI, BEAUMONT, TX. RNAV (GPS) RWY 31, ORIG-A...DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 31, ORIG-B.

FDC 8/5248 ASE FI/P ASPEN-PITKIN CO/SARDY FIELD, ASPEN, CO. VOR/DME OR GPS C, AMDT 4E...MSA FROM: DBL VOR/DME 020-240 15700, 240-020 13100. THIS IS VOR/DME OR GPS C, AMDT 4F.

FDC 8/5252 NUL FI/P NULATO, NULATO, AK. RNAV (GPS) RWY 2, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 2, ORIG-A.

FDC 8/5253 NUL FI/P NULATO, NULATO, AK. RNAV (GPS) RWY 20, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 20, ORIG-A.

FDC 8/5255 INW FI/P WINSLOW-LINDBERGH REGIONAL, WINSLOW, AZ. VOR OR GPS RWY 11, AMDT 4A...TERMINAL ROUTE INW VORTAC 10 DME (DMJCH) TO INW VORTAC MINIMUM ALTITUDE 6200. MINIMUM ALTITUDE AT INW VORTAC (FAF) 6200. S-11 MDA 5340 / HAT 441 ALL CATS. VIS CAT D 1 1/2. CIRCLING CAT A MDA 5420 / HAA 479, CAT B MDA 5440 / HAA 499, CAT C MDA 5480 / HAA 539, CAT D MDA 5520 / HAA 579. CHART AIRPORT ELEVATION 4941. CHART TDZ ELEV 4899. THIS IS VOR OR GPS RWY 11, AMDT 4B.

FDC 8/5267 LVM FI/P MISSION FIELD, LIVINGSTON, MT. GPS RWY 22, ORIG-A...CHANGE MISSED APPROACH HOLDING AT NUKUW TO HOLD NW, LEFT TURNS, 126.70 INBOUND. THIS IS GPS RWY 22, ORIG-B.

FDC 8/5347 PVD FI/P THEODORE FRANCIS GREEN STATE, PROVIDENCE, RI. RNAV (GPS) RWY 23, ORIG-B...LNAV/VNAV DA 426/HAT 376 ALL CATS. CIRCLING CAT A/B VIS 1. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. MISSED APPROACH: CLIMB TO 2500 DIRECT COTAG THEN VIA 333 TRACK TO FOSTY AND HOLD. THIS IS RNAV (GPS) RWY 23, ORIG-C.

FDC 8/5351 JES FI/P JESUP-WAYNE COUNTY, JESUP, GA. NDB OR GPS RWY 29, AMDT 2B...DELETE TERMINAL ROUTE ALMA (AMG) VORTAC TO JES NDB. ADD NOTE: INOPERATIVE TABLE DOES NOT APPLY. THIS IS NDB OR GPS RWY 29, AMDT 2C.

FDC 8/5352 JES FI/P JESUP-WAYNE COUNTY, JESUP, GA. NDB OR GPS RWY 11, AMDT 1B...DELETE TERMINAL ROUTE ALMA (AMG) VORTAC TO JES NDB. THIS IS NDB OR GPS RWY 11, AMDT 1C.

FDC 8/5454 SGF FI/P SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. VOR/DME OR TACAN RWY 2, ORIG-A...CIRCLING CAT A/B MDA 1760/HAA 492, CAT C MDA 1820/HAA 552. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT E 800-2 1/4. THIS IS VOR/DME OR TACAN RWY 2, ORIG-B.

FDC 8/5455 SGF FI/P SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. VOR OR TACAN RWY 20, AMDT 18B...CIRCLING CAT A/B MDA 1760/HAA 492, CAT C MDA 1820/HAA 552. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT E 800-2 1/4 THIS IS VOR OR TACAN RWY 20, AMDT 18C.

FDC 8/5456 SGF FI/P SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. ILS RWY 14, ORIG...CIRCLING CATS A/B MDA 1760/HAA 492, CAT C MDA 1820/HAA 552, CAT D HAA 552. CHANGE AIRPORT ELEVATION TO READ: 1268. THIS IS ILS OR LOC RWY 14, ORIG-A.

FDC 8/5457 SGF FI/P SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. RNAV (GPS) RWY 32, AMDT 1...CIRCLING CATS A/B MDA 1760/HAA 492, CAT C MDA 1820/HAA 552, CAT D HAA 552. CHANGE AIRPORT ELEVATION TO READ: 1268. DELETE NOTE: GPS OR RNP- 0.3 REQUIRED. THIS IS RNAV (GPS) RWY 32, AMDT 1A.

FDC 8/5458 SGF FI/P SPRINGFIELD-BRANSON NATIONAL, SPRINGFIELD, MO. RNAV (GPS) RWY 14, AMDT 1...CIRCLING CATS A/B MDA 1760/HAA 492, CAT C MDA 1820/HAA 552, CAT D HAA 552. VISIBILITY CAT A/B 1. CHANGE AIRPORT ELEVATION TO READ: 1268. DELETE NOTE: GPS OR RNP- 0.3 REQUIRED. THIS IS RNAV (GPS) RWY 14, AMDT 1A.

FDC 8/5466 FYV FI/P DRAKE FIELD, FAYETTEVILLE, AR. VOR OR GPS A, AMDT 24B...TERMINAL ROUTES GENET, RZC VORTAC, SUMMO TO DRAKE (DAK) VOR/DME MINIMUM ALTITUDE 3100. MINIMUM HOLDING ALTITUDE AT (DAK) VOR/DME 3100. MINIMUM ALTITUDE AT DRAKE (DAK) VOR/DME (FAF) 2800. THIS IS VOR OR GPS A, AMDT 24C.

FDC 8/5467 FYV FI/P DRAKE FIELD, FAYETTEVILLE, AR. VOR/DME B, ORIG-A...MISSED APPROACH: CLIMB TO 3100 DIRECT DAK VOR/DME AND HOLD. THIS IS VOR/DME B, ORIG-B.

FDC 8/5490 DHN FI/P DOTHAN REGIONAL, DOTHAN, AL. ILS OR LOC RWY 32, AMDT 8...ADD NOTE: S-ILS 32 RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 32 LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 32, AMDT 8A.

FDC 8/5639 TPF FI/P PETER O KNIGHT, TAMPA, FL. TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4: TAKE-OFF MINIMUMS: RWY 3, 400-1. RWY 35, 700-2 1/2. DEPARTURE PROCEDURES: RWY 3, CLIMB HEADING 039 TO 700 BEFORE TURNING WEST. NOTE: RWY 3, TOWER 1366 FT FROM DEPARTURE END OF RUNWAY, 279 FT LEFT OF CENTERLINE 80 FT AGL/89 FT MSL. TOWER 1688 FT FROM DEPARTURE END OF RUNWAY 522 FT LEFT OF CENTERLINE, 110 FT AGL/117 FT MSL. PORT CRANE 2684 FT FROM DEPARTURE END OF RUNWAY, 1046 FT LEFT OF CENTERLINE 247 FT AGL/253 FT MSL. TANK 1716 FT FROM DEPARTURE END OF RUNWAY, 18 FT RIGHT OF CENTERLINE, 44 FT AGL/51 FT MSL. NOTE: RWY 35, MULTIPLE BUILDINGS BEGINNING 1.2 NM FROM DEPARTURE END OF RUNWAY, 126 FT LEFT OF CENTERLINE, UP TO 610 FT AGL/625 FT MSL. BUILDING 3031 FT FROM DEPARTURE END OF RUNWAY, 1116 FT RIGHT OF CENTERLINE, 128 FT AGL/139 FT MSL. BUILDING 1.4 NM FROM DEPARTURE END OF RUNWAY, 993 FT RIGHT OF CENTERLINE, 330 FT AGL/337 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE-PROCEDURES, AMDT 4A.

FDC 8/5740 012 FI/P BRAZIL CLAY COUNTY, BRAZIL, IN. VOR OR GPS RWY 9, AMDT 7... CHART NOTE: DME REQUIRED REMOVE ALL REFERENCE TO OOM R-332. MISSED APPROACH: CLIMB TO 2000, THEN CLIMBING LEFT TURN TO 2700 VIA TTH R-062 TO MATAN/15.24 DME AND HOLD. THIS IS VOR OR GPS RWY 9, AMDT 7A.