

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 10-08

March 5, 2010

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJR-321
(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 procedures previously published in Transmittal
Letters 10-05, 10-06, and 10-07:**

Palmdale, CA, Palmdale Rgnl/USAF Plant 42, VOR/DME OR TACAN RWY 25, Amdt 7
Hayden, CO, Yampa Valley, ILS OR LOC/DME Y RWY 10, Amdt 3
Lagrange, GA, Lagrange-Callaway, RNAV (GPS) RWY 13, Orig
Lagrange, GA, Lagrange-Callaway, RNAV (GPS) RWY 31, Orig
Madison, MS, Bruce Campbell Field, GPS RWY 17, Orig, CANCELLED
Rapid City, SD, Rapid City Rgnl, RNAV (GPS) RWY 32, Amdt 1

**The following procedures published in TL 10-06 dated February 5, 2010 are hereby
rescinded in their entirety:**

Little River, CA, Little River, LITTLE RIVER ONE Graphic Obstacle DP
Little River, CA, Little River, Takeoff Minimums and Obstacle DP, Orig

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
TACAN OR VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CIVOK/PMD 12.00 DME (IF)	THERO/PMD 4.00 DME	265.10 / 8.00 (PMD R-085)	4300	MAP: MASND/PMD 0.50 DME CLIMB TO 5000 VIA PMD VORTAC R-282 THEN CLIMBING RIGHT TURN TO 7000 DIRECT PMD VORTAC AND HOLD (TACAN AIRCRAFT CLIMBING RIGHT TURN TO 5000 VIA PMD VORTAC R-298 TO FISCH/PMD 14.26 DME AND HOLD SE, LT, 298.00 INBOUND). ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.84 INBOUND. CHART FAS OBST: 2679 TREE 343619N/1175958W CHART 2709 TREE 343555.03N/1175843.34W THERO TO RW25: 3.67/58.
THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL10-05.				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. TEARDROP R-070 OUTBOUND, R-085 INBOUND, 5200 FT. WITHIN 15 NM OF PMD VORTAC. (IAF)
3. FAC 265.10 FAF THERO/PMD 4.00 DME DIST FAF TO MAP 3.50 THLD 4.47
4. MIN. ALT CIVOK 5200, THERO 4300
8. MSA FROM: PMD VORTAC 11300

MAG VAR: 15E 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-25	2940	1 1/4	437	2940	1 1/4	437	2940	1 1/4	437	2940	1 1/2	437	2940	1 1/2	437
CIRCLING	3000	1 1/4	457	3000	1 1/4	457	3000	1 1/2	457	3100	2	557	3100	2	557

NOTES:

CHART NOTE: CIRCLING TO RWY 07 NA AT NIGHT.
 CHART NOTE: CIRCLING NA FOR CAT E SOUTH OF RWY 7-25.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LANCASTER ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE S-25 CAT E VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
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CHECKED

CITY AND STATE PALMDALE, CA	ELEVATION: 2543 TDZE: 2503	FACILITY IDENTIFIER: PMD	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME OR TACAN RWY 25, AMDT 7 08 APR 2010	SUP
	AIRPORT NAME: PALMDALE REGIONAL/USAF PLANT 42			AMDT 6B
	DATE 06/05/2008			

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.															
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: I-HDN 1.73 DME FIX									
CHE VOR/DME		REVME/I-HDN 15.03 DME		276.46 / 9.46				9500		CLIMB TO 8200 THEN CLIMBING LEFT TURN TO 10000 VIA HEADING 280 AND CHE VOR/DME R-073 TO CHE VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.									
REVME/I-HDN 15.03 DME (IF/IAF)		INEDE/I-HDN 8.10 DME		103.72 / 6.93 (I-HDN)				8700											
This is a corrected copy of a procedure previously published in TL 10-07.										ADDITIONAL FLIGHT DATA: HOLD W, RT, 108.00 INBOUND. CHART FAS OBST: 7379 TREE 403112N/1071824W CHART VDP AT 5.31 DME*; DISTANCE VDP TO THLD 3.58 MILES. *LOC ONLY									
Changed - MISSED APPROACH TO: CLIMB TO 8200 THEN CLIMBING LEFT TURN TO 10000 VIA HEADING 280...																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 10E EPOCH YEAR: 2010									
2. HOLD W REVME, RT, 103.72 INBOUND, 9500 FT. IN LIEU OF PT (IAF)																			
3. FAC: 103.72 FAF: INEDE/I-HDN 8.10 DME DIST FAF TO MAP: _____ THLD: 6.38																			
4. MIN. ALT: REVME 9500, INEDE 8700																			
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 976																			
6. MIN GS INCPT: 8700 GS ALT AT: INEDE/8.10 DME 8700 OM: _____ MM: _____ IM: _____																			
7. GS ANGLE: 3.00 TCH: 50.1																			
8. MSA FROM: CHE VOR/DME 039-219 13400, 219-309 9900, 309-039 12100																			
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	
S-ILS 10		7371		2 3/4		780		7371		2 3/4		780		7371		2 3/4		780	
S-LOC 10		7780		1 1/4		1189		7780		1 1/2		1189		7780		3		1189	
CIRCLING		7780		1 1/4		1174		7780		1 1/2		1174		7780		3		1174	
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: USE I-HDN DME WHEN ON THE LOCALIZER COURSE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CRAIG-MOFFAT ALTIMETER SETTING AND SEE 8260-10										# CAT A, B 1200-2, CAT C, D 1200-3 @ CAT A, B 1200-2, CAT C, D 1200-3 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE									
CITY AND STATE HAYDEN, CO		ELEVATION: 6606 TDZE: 6591 AIRPORT NAME: YAMPA VALLEY		FACILITY IDENTIFIER: I-HDN		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME Y RWY 10, AMDT 3 08 APR 2010		SUP: AMDT: 2A DATED 07/07/2005											

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

INCREASE ALL DA/MDA 100 FEET, AND S-ILS 10 ALL CATS VISIBILITIES 1/2 MILE.

CHART NOTE: VDP NA WITH CRAIG-MOFFAT ALTIMETER SETTING.



CITY AND STATE HAYDEN, CO	ELEVATION: 6606 TDZE: 6591 AIRPORT NAME: YAMPA VALLEY	FACILITY IDENTIFIER: I-HDN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME Y RWY 10, AMDT 3 08 APR 2010	SUP:
				AMDT: 2A
				DATED: 07/07/2005

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 3000 DIRECT WINSR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 310.81 INBOUND. CHART FAS OBST: 890 TREE 330133N/0850545W DISTANCE TO THLD FROM 401 HAT: 1.10 NM. CHART VDP AT 1.10 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 40416 REFERENCE PATH ID: W13A			
TIMMY	COVOL (FB)	038.00 / 19.20	4000				
TIROE	OHOPA (FB)	254.09 / 18.60	4000				
COVOL (IAF)	WERTU (NOPT) (FB)	040.56 / 5.00	3500				
OHOPA (IAF)	WERTU (NOPT) (FB)	220.62 / 5.00	3500				
WERTU (IF/IAF)	OSDOW (FB)	130.59 / 7.00	2400				
This is a corrected copy of a procedure previously published in TL 10-07. Changed - Fix name <u>FROM WALUP TO</u> WINSR.							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW WERTU, RT, 130.59 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 130.65 FAF: OSDOW _____ DIST FAF TO MAP: 5.16 THLD: 5.16 4. MIN. ALT: WERTU 3500, OSDOW 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: OSDOW 2400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR 8. MSA FROM: RW13 3500							
				MAG VAR: 4W EPOCH YEAR: 2010			
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @		
CATEGORY ==>	A		B		C		D
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	1082	1 1/2	401	1082	1 1/2	401	1082
LNAV/VNAV DA	1212	1 3/4	531	1212	1 3/4	531	1212
LNAV MDA	1140	1	459	1140	1	459	1140
CIRCLING	1280	1	586	1280	1	586	1280
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TIROE VIA V222 NORTHEAST BOUND, AND FOR ARRIVALS SEE 8260-10							
CITY AND STATE		ELEVATION: 694 TDZE: 681		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LAGRANGE, GA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG	
		LAGRANGE-CALLAWAY				08 APR 2010	
						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.

AT TIMMY VIA V222 SOUTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS ALTIMETER SETTING AND INCREASE

ALL DA 112 FEET AND ALL MDA 120 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL

CATS VISIBILITY 1/2 MILE, LNAV CAT C AND D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2

MILE, AND CAT D VISIBILITY 1/4 MILE.



CITY AND STATE

LAGRANGE, GA

ELEVATION: 694

TDZE: 681

AIRPORT NAME:

LAGRANGE-CALLAWAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

08 APR 2010

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 INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KLGC
RUNWAY RW13
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W13A
LTP/FTP LATITUDE 330042.9525N
LTP/FTP LONGITUDE 0850444.9810W
LTP/FTP ELLIPSOIDAL HEIGHT +01783
FPAP LATITUDE 325949.5900N
FPAP LONGITUDE 0850320.0400W
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 1040
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

957E6166

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02074
FPAP ORTHOMETRIC HEIGHT +02074

QUALITY
A
CHECKED

CITY AND STATE

LAGRANGE, GA

ELEVATION: 694 TDZE: 681

AIRPORT NAME:

LAGRANGE-CALLAWAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

08 APR 2010

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 KLGCK7FR13	ATIMMY	010TIMMYK7EA0E	IF						18000		A JS	G	
SUSAP KLGCK7FR13	ATIMMY	020COVOLK7EA0E	A 020TF			03800192		+ 04000			A JS	G	
SUSAP KLGCK7FR13	ATIMMY	030WERTUK7EA0EE	B 010TF			04060050		+ 03500			A JS	G	
SUSAP KLGCK7FR13	ATIROE	010TIROEK7EA0E	IF						18000		A JS	G	
SUSAP KLGCK7FR13	ATIROE	020OHOPAK7EA0E	A 020TF			25410186		+ 04000			A JS	G	
SUSAP KLGCK7FR13	ATIROE	030WERTUK7EA0EE	B 010TF			22060050		+ 03500			A JS	G	
SUSAP KLGCK7FR13	AWERTU	010WERTUK7EA0EE	AR HF			13060040		+ 03500	18000		A JS	G	
SUSAP KLGCK7FR13	R	010WERTUK7EA0E	I IF					+ 03500	18000		A JS	G	
SUSAP KLGCK7FR13	R	020OSDOWNK7EA1E	F 051TF			13060070		+ 02400		RW13	K7PGA	JS	G
SUSAP KLGCK7FR13	R	020OSDOWNK7EA2WALPV		ALNAV/VNAV	ALNAV							JS	G
SUSAP KLGCK7FR13	R	030RW13	K7PG0GY M 031TF			13070052		00733		-300	A JS	G	
SUSAP KLGCK7FR13	R	040	0 M 010CA			1307		+ 01082			A JS	G	
SUSAP KLGCK7FR13	R	050WINSRK7EA0EY	010DF					+ 03000			A JS	G	
SUSAP KLGCK7FR13	R	060WINSRK7EA0EE	L020HM			11080040		+ 03000			A JS	G	

[illegible]

CITY AND STATE LAGRANGE, GA	ELEVATION: 694 TDZE: 681 AIRPORT NAME: LAGRANGE-CALLAWAY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 08 APR 2010	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]

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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: RW31 CLIMB TO 3500 DIRECT WERTU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 130.59 INBOUND. CHART FAS OBST: 860 TREE 325956N/0850400W CHART 1101 TOWER 325753N/0845906W. CHART 1100 TOWER 325918N/0850004W DISTANCE TO THLD FROM 200 HAT: 0.52 NM. CHART VDP AT 1.26 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 82616 REFERENCE PATH ID: W31A									
PIZZO		HESOM (FB)		151.61 / 9.47				3000											
CSG VORTAC		JENOP (FB)		023.52 / 12.75				3000											
HESOM (IAF)		WINSR (NOPT) (FB)		220.84 / 5.00				3000											
JENOP (IAF)		WINSR (NOPT) (FB)		040.78 / 5.00				3000											
WINSR (IF/IAF)		ARIVE (FB)		310.81 / 6.79				2400											
This is a corrected copy of a procedure previously published in TL 10-07. Changed - Fix name FROM WALUP TO WINSR.																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																			
2. HOLD SE WINSR, LT, 310.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																			
3. FAC: 310.76 FAF: ARIVE _____ DIST FAF TO MAP: 5.21 THLD: 5.21																			
4. MIN. ALT: WINSR 3000, ARIVE 2400, HIPUN/2.80 NM TO RW31 1600*																			
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																			
6. MIN GS INCPT: 2400 GS ALT AT: ARIVE 2400 OM: _____ MM: _____ IM: _____																			
7. GS ANGLE: 3.00 TCH: 40.6 34:1 IS CLEAR																			
8. MSA FROM: RW31 3500																			
MAG VAR: 4W EPOCH YEAR: 2010																			
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				
LPV DA	881	1/2	200	881	1/2	200	881	1/2	200	881	1/2	200							
LNAV/VNAV DA	1130	1	449	1130	1	449	1130	1	449	1130	1	449							
LNAV MDA	1120	1/2	439	1120	1/2	439	1120	3/4	439	1120	1	439							
CIRCLING																			
	1280	1	586	1280	1	586	1280	1 1/2	586	1280	2	586							
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 PIZZO VIA V241 NORTHBOUND. *LNAV ONLY SEE 8260-10																			
CITY AND STATE				ELEVATION: 694 TDZE: 681				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
LAGRANGE, GA				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 31, ORIG				AMDT: NONE			
				LAGRANGE-CALLAWAY								08 APR 2010				DATED			



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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CSG VORTAC AIRWAY RADIALS 339 CW 067.

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLUMBUS ALTIMETER SETTING AND INCREASE

DA 112 FEET AND ALL MDA 120 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS

VISIBILITY 1/2 MILE, LNAV CAT C/D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE, CAT D

VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING COLUMBUS ALTIMETER SETTING, INCREASE LPV ALL CATS

VISIBILITY TO 1 1/4 MILE.

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CITY AND STATE

LAGRANGE, GA

ELEVATION: 694 TDZE: 681

AIRPORT NAME:

LAGRANGE-CALLAWAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

08 APR 2010

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	KLGC
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	330009.8370N
LTP/FTP LONGITUDE	0850352.2740W
LTP/FTP ELLIPSOIDAL HEIGHT	+01767
FPAP LATITUDE	330042.9500N
FPAP LONGITUDE	0850444.9800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

EF2C1193

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02058
FPAP ORTHOMETRIC HEIGHT	+02058

QUALITY
&
CHECKED

CITY AND STATE LAGRANGE, GA	ELEVATION: 694 TDZE: 681	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: LAGRANGE-CALLAWAY			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 KLGCK7FR31	ACSG	010CSG	K7D	OV	IF					18000		A JS	I
SUSAP KLGCK7FR31	ACSG	020JENOPK7EA0E	A	020TF		02350128		+ 03000				A JS	I
SUSAP KLGCK7FR31	ACSG	030WINSRK7EA0EE	B	010TF		04080050		+ 03000				A JS	I
SUSAP KLGCK7FR31	APIZZO	010PIZZOK7EA0E		IF						18000		A JS	I
SUSAP KLGCK7FR31	APIZZO	020HESOMK7EA0E	A	020TF		15160095		+ 03000				A JS	I
SUSAP KLGCK7FR31	APIZZO	030WINSRK7EA0EE	B	010TF		22080050		+ 03000				A JS	I
SUSAP KLGCK7FR31	AWINSR	010WINSRK7EA0EE	AL	HF		31080040		+ 03000		18000		A JS	I
SUSAP KLGCK7FR31	R	010WINSRK7EA0E	I	IF				+ 03000		18000		A JS	I
SUSAP KLGCK7FR31	R	020ARIVEK7EA1E	F	051TF		31080068		+ 02400			RW31	K7PGA JS	I
SUSAP KLGCK7FR31	R	020ARIVEK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	I
SUSAP KLGCK7FR31	R	021HIPUNK7EA0E	S	031TF		31080024		V 0160001615		-300		A JS	I
SUSAP KLGCK7FR31	R	030RW31	K7PGUGY	M	031TF	31080028		00716		-300		A JS	I
SUSAP KLGCK7FR31	R	040		M	010CA	3108		+ 00881				A JS	I
SUSAP KLGCK7FR31	R	050WERTUK7EA0EY		010DF				+ 03500				A JS	I
SUSAP KLGCK7FR31	R	060WERTUK7EA0EE		RO2OHM		13060040		+ 03500				A JS	I

QUALITY
4
CHECKED

CITY AND STATE LAGRANGE, GA	ELEVATION: 694 TDZE: 681 AIRPORT NAME: LAGRANGE-CALLAWAY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	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]

QUALITY
4
CHECKED

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

*** This is a corrected copy of a procedure published in TL 10-07.

CORRECTED: State abbreviation FROM "MA" TO "MS".

ADDITIONAL FLIGHT DATA:

FAF SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

FAF DIST FAF TO MAP THLD

MIN ALT

WAVELENGTH

MAG VAR:

EPOCH YEAR:

DITCHED	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

PROCEDURE CANCELLED EFFECTIVE 08 APR 2010

QUALITY
5
CHECKED

LOCATION	ELEVATION: 326 TDZE: 326	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MADISON, MS	AIRPORT NAME: BRUCE CAMPBELL FIELD	GPS	GPS RWY 17, ORIG, 08/13/1998	AMDT NONE
				DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
IYUDE (IAF)	COTYU (NOPT) (FB)	233.99 / 6.00	5500	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 6500 DIRECT KAKGU AND LEFT TURN ON TRACK 233.78 TO HOZU AND LEFT TURN ON TRACK 130.83 TO NIRYO AND HOLD.			
NIRYO (IAF)	COTYU (NOPT) (FB)	053.85 / 6.00	5500				
COTYU (IF/IAF)	EHGAW (FB)	323.92 / 6.01	5000				
This is a corrected copy of a procedure published in TL 10-06, dated 2.5.2010. ** Corrected Line 6 (Min GS Incpt) altitude to 5000. [vice 5500] ** Corrected Missed Approach Instructions - track 130.83. [vice 122.77] ** Corrected Baro-VNAV chart note temperature - -21C. [vice 21C]				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 053.85 INBOUND. FAS OBST: 3369 AAO 435829N/1030112W 3429 AAO 435722N/1025849W DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.33 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 93717 REFERENCE PATH ID: W32A			
1 PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE COTYU, RT, 323.92 INBOUND, 5500 FT. IN LIEU OF PT (IAF) 3. FAC: 323.87 FAF. EHGAW _____ DIST FAF TO MAP: 5.58 THLD 5.58 4. MIN ALT COTYU 5500, EHGAW 5000 5. DIST TO THLD FROM OM. _____ MM _____ IM _____ 150 HAT _____ 100 HAT _____ GS ANT: _____ 6 MIN GS INCPT 5000 GS ALT AT EHGAW 5000 OM: _____ MM _____ IM _____ 7. GS ANGLE 3.00 TCH 54.0 34:1 IS CLEAR 8. MSA FROM _____							
				MAG VAR 8E EPOCH YEAR 2010			
MINIMUMS							
TAKEOFF.	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @		
CATEGORY ==>	A		B		C		D
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	3360	2400	200	3360	2400	200	3360
LNAV/VNAV DA	3410	2400	250	3410	2400	250	3410
LNAV MDA	3620	2400	460	3620	2400	460	3620
CIRCLING	3660	1	456	3680	1	476	3820
NOTES CHART NOTE: CIRCLING TO RWY 5-23 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 42C (107F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10							
CITY AND STATE		ELEVATION: 3204 TDZE: 3160		FACILITY IDENTIFIER		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RAPID CITY, SD		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 32, AMDT 1	
		RAPID CITY REGIONAL				08 APR 2010	
						SUP	
						AMDT. ORIG-C	
						DATED 07/06/2006	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELLSWORTH AFB ALTIMETER SETTING AND INCREASE ALL DA 26 FEET AND ALL MDA 40 FEET AND INCREASE LNAV CAT E VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WITH ELLSWORTH AFB ALTIMETER SETTING.

CHART NOTE: BARO-VNAV NA WHEN USING ELLSWORTH AFB ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT D AND E VISIBILITY TO RVR 5000 AND LNAV CAT E VISIBILITY TO 1 1/2.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ELLSWORTH AFB ALTIMETER SETTING, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT D AND E VISIBILITY TO RVR 5000 AND LNAV CAT E VISIBILITY TO 1 3/4.

TAA

	FROM	TO	ALT
1.	234/30 CW 015/30 (NOPT)	COTYU (IF/IAF) (FB)	5500
	015/12 CW 054/12	COTYU (IF/IAF) (FB)	5500
2.	015/30 CW 054/30 (NOPT)	015/12 CW 054/12	8500
3.	054/30 CW 144/30	054/7 CW 144/7	9500
4.	054/7 CW 144/7	NIRYO (IAF) (FB)	6300
5.	144/30 CW 234/30	IYUDE (IAF) (FB)	5500

QUALITY
6
CHECKED

CITY AND STATE

RAPID CITY, SD

ELEVATION: 3204 TDZE: 3160

AIRPORT NAME:

RAPID CITY REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG-C

DATED: 07/06/2006

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 KRAP
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W32A
REFERENCE PATH IDENTIFIER (APPROACH ID) 440158.0500N
LTP/FTP LATITUDE 1030257.8000W
LTP/FTP LONGITUDE +09412
LTP/FTP ELLIPSOIDAL HEIGHT 440313.7800N
FPAP LATITUDE 1030354.0300W
FPAP LONGITUDE 00054.0
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) 35.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

2882C08A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +09579
FPAP ORTHOMETRIC HEIGHT +09579

QUALITY
CHECKED

CITY AND STATE
RAPID CITY, SD

ELEVATION: 3204 TDZE: 3160
AIRPORT NAME:
RAPID CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
08 APR 2010

SUP:
AMDT: ORIG-C
DATED: 07/06/2006

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	KRAPK3FR32	ACOTYU	010COTYUK3EA0EE	AR	HF		32390090	+	05500	18000		A JS	G
SUSAP	KRAPK3FR32	AIYUDE	010IYUDEK3EA0E	A	IF					18000		A JS	G
SUSAP	KRAPK3FR32	AIYUDE	020COTYUK3EA0EE	B	010TF		23400060	+	05500			A JS	G
SUSAP	KRAPK3FR32	ANIRYO	010NIRYOK3EA0E	A	IF					18000		A JS	G
SUSAP	KRAPK3FR32	ANIRYO	020COTYUK3EA0EE	B	010TF		05390060	+	05500			A JS	G
SUSAP	KRAPK3FR32	R	010COTYUK3EA0E	I	IF			+	05500	18000		A JS	G
SUSAP	KRAPK3FR32	R	020EHGAWK3EA1E	F	051TF		32390060	+	05000			A JS	G
SUSAP	KRAPK3FR32	R	020EHGAWK3EA2WALPV		ALNAV/VNAV	ALNAV						JS	G
SUSAP	KRAPK3FR32	R	030RW32 K3PG0GY	M	031TF		32390056		03197	-300		A JS	G
SUSAP	KRAPK3FR32	R	040	0	M	010CA	3239	+	03360			A JS	G
SUSAP	KRAPK3FR32	R	050KAKGUK3EA0E		010DF							A JS	G
SUSAP	KRAPK3FR32	R	060HOZWUK3EA0E		L010TFY		2338					A JS	G
SUSAP	KRAPK3FR32	R	070NIRYOK3EA0EY		L010TFY		1308	+	06500			A JS	G
SUSAP	KRAPK3FR32	R	080NIRYOK3EA0EE		R020HM		05390100	+	06500			A JS	G

[illegible]

CITY AND STATE RAPID CITY, SD	ELEVATION: 3204 TDZE: 3160 AIRPORT NAME: RAPID CITY REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG-C
				DATED: 07/06/2006

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

	SUSAP KRAPK3PR32 RW32 001 0000W32A0N4401580500W10302578000+094120300N4403137800W10303540300106750000000540F4003502882C08AG												
	SUSAP KRAPK3PR32 RW32 002E +09579+09579LPV 93717 G												

CITY AND STATE
RAPID CITY, SD

ELEVATION: 3204 TDZE: 3160
AIRPORT NAME:
RAPID CITY REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
08 APR 2010

SUP:
AMDT: ORIG-C
DATED: 07/06/2006

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30714 Amdt. No 3364]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

Federal Register as of [INSERT ² DATE OF PUBLICATION IN THE
FEDERAL REGISTER].

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

For Examination-

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

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

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

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

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

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

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

THE RULE

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

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

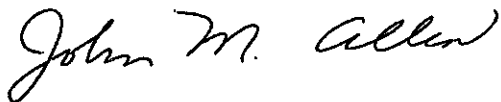
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 5, 2010.

A handwritten signature in cursive script that reads "John M. Allen".

John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 8 APR 2010

Auburn, CA, Auburn Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Columbia, CA, Columbia, GPS RWY 35, Orig, CANCELLED
Columbia, CA, Columbia, RNAV (GPS) RWY 35, Orig
Lakeport, CA, Lampson Field, Takeoff Minimums and Obstacle DP, Amdt 1
Mammoth Lakes, CA, Mammoth Yosemite, RNAV (GPS) RWY 27, Amdt 1
Shafter, CA, Shafter-Minter Field, RNAV (GPS) RWY 12, Orig
Shafter, CA, Shafter-Minter Field, VOR-A, Orig
Shafter, CA, Shafter-Minter Field, VOR OR GPS RWY 30, Orig, CANCELLED
Panama City, FL, Northwest Florida-Panama City Intl, ILS OR LOC/DME RWY 16, Orig
Panama City, FL, Northwest Florida-Panama City Intl, RNAV (GPS) RWY 16, Orig
Panama City, FL, Northwest Florida-Panama City Intl, RNAV (GPS) RWY 34, Orig
Panama City, FL, Northwest Florida-Panama City Intl, Takeoff Minimums and Obstacle DP, Orig
Tampa, FL, Tampa Intl, Takeoff Minimums and Obstacle DP, Amdt 8
Winder, GA, Barrow County, ILS OR LOC RWY 31, Orig
Winder, GA, Barrow County, LOC RWY 31, Amdt 8C, CANCELLED
Winder, GA, Barrow County, RNAV (GPS) RWY 13, Amdt 1
Winder, GA, Barrow County, RNAV (GPS) RWY 23, Orig
Winder, GA, Barrow County, RNAV (GPS) RWY 31, Amdt 1
Winder, GA, Barrow County, VOR/DME RNAV OR GPS RWY 23, Orig-C, CANCELLED
Belle Plaine, IA, Belle Plaine Muni, NDB RWY 36, Orig-A, CANCELLED
Knoxville, IA, Knoxville Muni, GPS RWY 15, Orig, CANCELLED
Knoxville, IA, Knoxville Muni, GPS RWY 33, Orig, CANCELLED
Knoxville, IA, Knoxville Muni, RNAV (GPS) RWY 15, Orig
Knoxville, IA, Knoxville Muni, RNAV (GPS) RWY 33, Orig
Knoxville, IA, Knoxville Muni, Takeoff Minimums and Obstacle DP, Orig
Mapleton, IA, James G Whiting Memorial Field, GPS RWY 2, Orig, CANCELLED
Mapleton, IA, James G Whiting Memorial Field, GPS RWY 20, Orig, CANCELLED
Mapleton, IA, James G Whiting Memorial Field, RNAV (GPS) RWY 2, Orig
Mapleton, IA, James G Whiting Memorial Field, RNAV (GPS) RWY 20, Orig
Carbondale/Murphysboro, IL, Southern Illinois, RNAV (GPS) RWY 18L, Orig
Joliet, IL, Joliet Rgnl, Takeoff Minimums and Obstacle DP, Amdt 4
Fort Wayne, IN, Fort Wayne Intl, RNAV (GPS) RWY 14, Amdt 1
Fort Wayne, IN, Fort Wayne Intl, RNAV (GPS) RWY 32, Amdt 1
Muncie, IN, Delaware County-Johnson Field, RNAV (GPS) RWY 20, Orig
Muncie, IN, Delaware County-Johnson Field, VOR RWY 20, Amdt 14
Covington, KY, Cincinnati/Northern Kentucky Intl, Takeoff Minimums and Obstacle DP, Amdt 1
Mount Sterling, KY, Mt Sterling-Montgomery County, Takeoff Minimums and Obstacle DP, Amdt 1
Hammond, LA, Hammond Northshore Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Clinton, MD, Washington Executive/Hyde Field, VOR/DME RWY 5, Orig, CANCELLED

Sanford, ME, Sanford Rgnl, RNAV (GPS) RWY 32, Orig
Marquette, MI, Sawyer Intl, Takeoff Minimums and Obstacle DP, Orig
Bemidji, MN, Bemidji Rgnl, ILS OR LOC RWY 31, Amdt 5
Bemidji, MN, Bemidji Rgnl, ILS OR LOC/DME RWY 25, Amdt 1
Bemidji, MN, Bemidji Rgnl, VOR/DME RWY 13, Orig
Bemidji, MN, Bemidji Rgnl, VOR/DME RWY 31, Orig
Cameron, MO, Cameron Memorial, NDB RWY 35, Amdt 3
Cameron, MO, Cameron Memorial, RNAV (GPS) RWY 17, Amdt 1
Cameron, MO, Cameron Memorial, RNAV (GPS) RWY 35, Amdt 1
Cameron, MO, Cameron Memorial, Takeoff Minimums and Obstacle DP, Orig
Jackson, MS, Hawkins Field, ILS OR LOC RWY 16, Amdt 5
Jackson, MS, Hawkins Field, RNAV (GPS) RWY 16, Amdt 1
Jackson, MS, Hawkins Field, RNAV (GPS) RWY 34, Amdt 1
Oak Island, NC, Brunswick County, RNAV (GPS) RWY 5, Amdt 1
Bassett, NE, Rock County, NDB RWY 31, Amdt 4
Bassett, NE, Rock County, RNAV (GPS) RWY 13, Amdt 1
Bassett, NE, Rock County, RNAV (GPS) RWY 31, Amdt 1
Bassett, NE, Rock County, Takeoff Minimums and Obstacle DP, Amdt 2
Rome, NY, Griffiss Intl, Takeoff Minimums and Obstacle DP, Amdt 1
Cincinnati, OH, Cincinnati Muni Airport-Lunken Field, Takeoff Minimums and Obstacle DP, Amdt 14
Oklahoma City, OK, Clarence E Page Muni, RNAV (GPS) RWY 35L, Amdt 2A
Collegeville, PA, Perkiomen Valley, RNAV (GPS) RWY 9, Amdt 1, CANCELLED
Collegeville, PA, Perkiomen Valley, RNAV (GPS) RWY 27, Orig, CANCELLED
Collegeville, PA, Perkiomen Valley, RNAV (GPS)-B, Orig
Collegeville, PA, Perkiomen Valley, RNAV (GPS)-C, Orig
Mount Pleasant, SC, Mt Pleasant Rgnl-Faison Field, RNAV (GPS) RWY 17, Orig
Mount Pleasant, SC, Mt Pleasant Rgnl-Faison Field, RNAV (GPS) RWY 35, Orig
Chattanooga, TN, Lovell Field, Takeoff Minimums and Obstacle DP, Amdt 11
Abilene, TX, Abilene Rgnl, RNAV (GPS) RWY 17L, Amdt 1
Abilene, TX, Abilene Rgnl, RNAV (GPS) RWY 35R, Amdt 1
Albany, TX, Albany Muni Airport, RNAV (GPS) RWY 17, Orig
Albany, TX, Albany Muni Airport, RNAV (GPS) RWY 35, Orig
Albany, TX, Albany Muni Airport, Takeoff Minimums and Obstacle DP, Orig
Carrizo Springs, TX, Dimmit County, GPS RWY 31, Orig, CANCELLED
Carrizo Springs, TX, Dimmit County, RNAV (GPS) RWY 31, Orig
El Paso, TX, El Paso Intl, GPS RWY 4, Orig-B, CANCELLED
El Paso, TX, El Paso Intl, RNAV (GPS) RWY 4, Orig
Henderson, TX, Rusk County, Takeoff Minimums and Obstacle DP, Amdt 2
Huntsville, TX, Huntsville Muni, RNAV (GPS) RWY 18, Orig-A
Danville, VA, Danville Rgnl, ILS OR LOC RWY 2, Amdt 4
Danville, VA, Danville Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Danville, VA, Danville Rgnl, VOR RWY 2, Amdt 14
Danville, VA, Danville Rgnl, VOR RWY 20, Amdt 2

Richmond, VA, Chesterfield County, RNAV (GPS) RWY 15, Amdt 1
Wise, VA, Lonesome Pine LOC/DME RWY 24, Orig
Rhineland, WI, Rhineland-Oneida County, ILS OR LOC RWY 9, Amdt 8
Rhineland, WI, Rhineland-Oneida County, RNAV (GPS) RWY 9, Amdt 1
Rhineland, WI, Rhineland-Oneida County, RNAV (GPS) RWY 15, Amdt 1
Rhineland, WI, Rhineland-Oneida County, RNAV (GPS) RWY 27, Amdt 1
Rhineland, WI, Rhineland-Oneida County, RNAV (GPS) RWY 33, Amdt 1
Rhineland, WI, Rhineland-Oneida County, RNAV (GPS) Z RWY 27, Orig,
CANCELLED
West Bend, WI, West Bend Muni, NDB OR GPS RWY 31, Amdt 10A, CANCELLED
West Bend, WI, West Bend Muni, RNAV (GPS) RWY 6, Orig
West Bend, WI, West Bend Muni, RNAV (GPS) RWY 13, Orig
West Bend, WI, West Bend Muni, RNAV (GPS) RWY 24, Orig
West Bend, WI, West Bend Muni, RNAV (GPS) RWY 31, Orig
West Bend, WI, West Bend Muni, VOR/DME RNAV OR GPS RWY 13, Amdt 5A,
CANCELLED

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 25, STANDARD

RWY 7, 300-1 WITH MINIMUM CLIMB OF 385 FT PER NM TO 2300, OR 1100-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 7 - CLIMBING LEFT TURN TO 5000 VIA HEADING 310 AND MYV VOR/DME R-083 TO MYV VOR/DME, THEN VIA MYV VOR/DME R-263 TO YUBBA INT BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS AUBURN MUNI AIRPORT AT OR ABOVE 2500, CONTINUE CLIMB TO 5000 VIA HEADING 275 AND MYV VOR/DME R-094 TO MYV VOR/DME, THEN VIA MYV VOR/DME R-263 TO YUBBA INT BEFORE PROCEEDING ON COURSE.

RWY 25 - CLIMBING RIGHT TURN TO 5000 VIA HEADING 310 AND MYV VOR/DME R-083 TO MYV VOR/DME, THEN VIA MYV VOR/DME R-263 TO YUBBA INT BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 7, TREES BEGINNING 1117' FROM DER, 504' RIGHT OF CENTERLINE, UP TO 40' AGL/1708' MSL. POLE 1365' FROM DER, 600' RIGHT OF CENTERLINE, 59' AGL/1679' MSL. TREE 3791' FROM DER, 700' RIGHT OF CENTERLINE, 40' AGL/1639' MSL. NOTE: RWY 25, TREE 37' FROM DER, 479' LEFT OF CENTERLINE, 40' AGL/1528' MSL. TREE 86' FROM DER, 461' RIGHT OF CENTERLINE, 40' AGL/1532' MSL. FENCE 301' FROM DER, 244' RIGHT OF CENTERLINE, 8' AGL/1508' MSL. TREES BEGINNING 660' FROM DER, 249' RIGHT OF CENTERLINE, UP TO 40' AGL/1559' MSL.

(4) CONTROLLING OBSTACLES:

RWY 7: 2059 MSL TREE 385811.72N/1210230.19W.

RWY 7 (VCOA): 2159 MSL TREE 385816.01N/1210142.09W.

QUALITY
CHECKED

(5) City, State

AUBURN, CA.

(6) Airport

AUBURN MUNI

(7) Effective Date

08 APR 2010

(8) Amdt. No.

1

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 08 APR 2010



CITY AND STATE COLUMBIA, CA	ELEVATION: 2118 TDZE: 2103	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 35, ORIG, 12/05/1996	SUP
	AIRPORT NAME: COLUMBIA			AMDT NONE
				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: RW35 CLIMBING LEFT TURN TO 7000 DIRECT HABXU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000. ADDITIONAL FLIGHT DATA: HOLD W, RT, 069.79 INBOUND. CHART FAS OBST: 2592 TREE 375857N/1202406W FICHU TO RW35: 3.03/54.											
HABXU (IAF)	RIDOH (FB)	077.37 / 7.95	4500												
HOFED (IAF)	RIDOH (FB)	341.96 / 5.06	4500												
RIDOH (IF)	KEKDE (FB)	354.15 / 6.10	3400												
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT RIDOH 3. FAC: 354.16 FAF: KEKDE DIST FAF TO MAP: 3.95 THLD: 3.95 4. MIN. ALT: RIDOH 4500, KEKDE 3400 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: GS ALT AT: OM: MM: IM: 7. GS ANGLE: TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW35 10400				MAG VAR: 16E EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD										
CATEGORY ==>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	2800	1	695	2800	1	695	2800	2	695		NA				
CIRCLING	2800	1	682	2840	1	722	2840	2	722		NA				
NOTES: CHART NOTE: CIRCLING NA EAST OF RWY 17-35. 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HABXU ON V244 WESTBOUND.															
CITY AND STATE				ELEVATION: 2118 TDZE: 2105		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
COLUMBIA, CA				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35, ORIG 08 APR 2010				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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QUALITY
6
CHECKED

CITY AND STATE COLUMBIA, CA	ELEVATION: 2118 TDZE: 2105 AIRPORT NAME: COLUMBIA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	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 10, STANDARD WITH MINIMUM CLIMB OF 400' PER NM TO 4500, DO NOT EXCEED 210 KNOTS UNTIL INTERCEPTING THE ENI R-073, OR 3200-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 28, NA - RAPIDLY RISING TERRAIN.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 10 - CLIMBING LEFT TURN TO 6,000 VIA HEADING 310.00 AND ENI R-073 TO ENI VORTAC BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS LAMPSON FIELD AT OR ABOVE 4,400 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, VEHICLE ON ROAD 347' FROM DER, 7' RIGHT OF CENTERLINE, 15' AGL/1394' MSL. TREES BEGINNING 280' FROM DER, 201' LEFT OF CENTERLINE, UP TO 100' AGL/1479' MSL. TREES BEGINNING 494' FROM DER, 219' RIGHT OF CENTERLINE, UP TO 100' AGL/1479' MSL.

(4) CONTROLLING OBSTACLES:

RWY 10: 4486 MSL AAO 385824.67N/1224615.44W, 2679 MSL AAO 385911.00N/1224755.04W, 3720 MSL AAO 390300.60N/1230352.70W.
RWY 10, (VCOA): 7256' AAO 392300.40N/1224507.83W.



(5) City, State LAKEPORT, CA	(6) Airport LAMPSON FIELD	(7) Effective Date 08 APR 2010	(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	LNAV: RW27 CLIMBING RIGHT TURN TO 13000 DIRECT TEPRE AND VIA TRACK 044.49 TO EVERR AND VIA TRACK 321.94 TO NIKOL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 252.44 INBOUND. CHART FAS OBST: 7906 TREE 373621N/1184926W CHART VDP AT 4.00 MILES TO RW27. FEBAT TO RW27: 2.99/45. CHART CANDA WP CHART INYOE WP								
NIKOL	EVERR (FB)	141.86 / 16.46	13000									
WALLE	BIH VOR/DME (FB)	354.58 / 4.57	12000									
EVERR (IAF)	JASAT (FB)	141.94 / 5.16	11000									
BIH VOR/DME (IAF)	JASAT (FB)	322.05 / 16.84	11000									
JASAT (IF)	FEBAT (FB)	246.82 / 9.23	9100									
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 JASAT 3. FAC: <u>259.08</u> FAF: <u>FEBAT</u> DIST FAF TO MAP: <u>6.28</u> THLD: <u>6.28</u> 4. MIN. ALT: <u>JASAT 11000, FEBAT 9100</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 CLEAR</u> 8. MSA FROM: <u>RW27 15500</u>				MAG VAR: <u>15E</u> EPOCH YEAR: <u>1995</u>								
MINIMUMS												
TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</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
LNAV MDA	8380	1 1/4	1283	8380	1 1/2	1283	8380	3	1283		NA	
CIRCLING	8380	1 1/4	1245	8380	1 1/2	1245	8380	3	1245		NA	
NOTES: CHART NOTE: CIRCLING NA AT NIGHT. CHART NOTE: CIRCLING NA S OF RWY 9-27. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT WALLE.												
CITY AND STATE		ELEVATION: 7135 TDZE: 7097		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
MAMMOTH LAKES, CA		AIRPORT NAME: MAMMOTH YOSEMITE				RNAV (GPS) RWY 27, AMDT 1 08 APR 2010		AMDT: ORIG				
								DATED 10/03/2002				

QUALITY
 9
 CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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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QUALITY
6
CHECKED

CITY AND STATE MAMMOTH LAKES, CA	ELEVATION: 7135 TDZE: 7097 AIRPORT NAME: MAMMOTH YOSEMITE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 10/03/2002

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

[illegible]

QUALITY
6
CHECKED

SUP:	
AMDT:	ORIG
DATED:	10/03/2002

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NIKOL	NIKOL	010		IF		FB				
	NIKOL	EVERR	020	IAF	TF		FB	2.0	141.9 (157T)	016.5	13000
	NIKOL	JASAT	030	IF	TF		FB	1.0	141.9 (157T)	005.2	11000
	WALLE	WALLE	010		IF		FB				
	WALLE	BIH	020	IAF	TF		FB	2.0	354.6 (010T)	004.6	12000
	WALLE	JASAT	030	IF	TF		FB	1.0	322.1 (337T)	016.8	11000
		JASAT	010	FACF	IF		FB				11000
		FEBAT	020	FAF	TF		FB	0.5	246.8 (262T)	009.2	09100
		RW27	030	MAP	TF		FO	0.3	259.1 (274T)	006.3	07106

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	259.1 (274T)		07535
	TEPRE	050		DF	R	FB	1.0			
	EVERR	060		TF		FB	1.0	044.5 (060T)		
	NIKOL	070		TF		FO	1.0	321.9 (337T)		13000
	NIKOL	080		HM	R	FO	2.0	252.4 (267T)	007.0	13000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIH	N372237.02	W1182159.50	N3722.617	W11821.992
	EVERR	N374253.42	W1183248.03	N3742.890	W11832.801
	FEBAT	N373648.77	W1184145.36	N3736.813	W11841.756
	JASAT	N373808.25	W1183015.40	N3738.138	W11830.257
	NIKOL	N375802.88	W1184057.19	N3758.048	W11840.953
	TEPRE	N373839.73	W1184150.71	N3738.662	W11841.845
	WALLE	N371806.57	W1182256.68	N3718.110	W11822.945
	RW27	N373715.33	W1184938.32	N3737.256	W11849.639

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	07061	45

QUALITY
6
CHECKED

CITY AND STATE MAMMOTH LAKES, CA	ELEVATION: 7135 TDZE: 7097	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME: MAMMOTH YOSEMITE			AMDT: ORIG
				DATED: 10/03/2002

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.													
TERMINAL ROUTES				MISSED APPROACH													
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW12 CLIMB TO 3000 DIRECT TIPVE AND ON TRACK 195.52 TO MARIC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 221.00 INBOUND. CHART FAS OBST: 452 TREE 353036N/1191220W DISTANCE TO THLD FROM 280 HAT: 0.74 NM. WAAS CHANNEL # 82517 REFERENCE PATH ID: W12A													
COREZ (IAF)	JATLU (FB)	039.25 / 7.58	2000														
PONDD (IAF)	JATLU (FB)	188.80 / 12.24	2000														
JATLU (IF)	SIGRE (FB)	120.26 / 6.00	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 JATLU 3. FAC: <u>120.31</u> FAF: <u>SIGRE</u> DIST FAF TO MAP: <u>4.78</u> THLD: <u>4.78</u> 4. MIN. ALT: <u>JATLU 2000, SIGRE 2000, CISUR/1.40 NM TO RW12 900*</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>SIGRE 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW12 8100</u>				MAG VAR: 13E EPOCH YEAR: 2010													
MINIMUMS																	
TAKEOFF: ☐ 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		
LPV DA	693	1	280	693	1	280	693	1	280		NA						
LNAV/VNAV DA	752	1 1/4	339	752	1 1/4	339	752	1 1/4	339		NA						
LNAV MDA	740	1	327	740	1	327	740	1	327		NA						
CIRCLING	940	1	516	940	1	516	940	1 1/2	516		NA						
NOTES: CHART NOTE: CIRCLING TO RWY 17 AND 35 NA AT NIGHT. CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY SEE 8260-10																	
CITY AND STATE SHAFTER, CA				ELEVATION: 424 TDZE: 413 AIRPORT NAME: SHAFTER-MINTER FIELD				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, ORIG 08 APR 2010				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: USE BAKERSFIELD ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COREZ ON V248 WESTBOUND AND ARRIVALS AT PONDD ON V23 NORTHBOUND.**

QUA
4
CHECK

CITY AND STATE

SHAFTER, CA

ELEVATION: 424 TDZE: 413

AIRPORT NAME:

SHAFTER-MINTER FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, ORIG

08 APR 2010

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 INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMIT
RUNWAY RW12
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W12A
LTP/FTP LATITUDE 353038.4365N
LTP/FTP LONGITUDE 1191203.6845W
LTP/FTP ELLIPSOIDAL HEIGHT +00924
FPAP LATITUDE 352937.1800N
FPAP LONGITUDE 1191044.3300W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1376
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

5E33B08D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2
LTP ORTHOMETRIC HEIGHT +01258
FPAP ORTHOMETRIC HEIGHT +01258



CITY AND STATE

SHAFTER, CA

ELEVATION: 424 TDZE: 413

AIRPORT NAME:

SHAFTER-MINTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, ORIG

08 APR 2010

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 KMITK2FR12	ACOREZ	010COREZK2EA0E	A	IF					18000			A JS	
SUSAP KMITK2FR12	ACOREZ	020JATLUK2EA0EE	B	010TF		03930076		+ 02000				A JS	
SUSAP KMITK2FR12	APONDD	010PONDDK2EA0E	A	IF					18000			A JS	
SUSAP KMITK2FR12	APONDD	020JATLUK2EA0EE	B	010TF		18880122		+ 02000				A JS	
SUSAP KMITK2FR12	R	010JATLUK2EA0E	I	IF				+ 02000	18000			A JS	
SUSAP KMITK2FR12	R	020SIGREK2EA1E	F	031TF		12030060		+ 02000			RW12	K2PGA	JS
SUSAP KMITK2FR12	R	020SIGREK2EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KMITK2FR12	R	021CISURK2EA0E	S	031TF		12030034		V 0090000906		-300		A JS	
SUSAP KMITK2FR12	R	030RW12 K2PG0GY	M	031TF		12030014		00458		-300		A JS	
SUSAP KMITK2FR12	R	040	0	M	010CA	1203		+ 00693				A JS	
SUSAP KMITK2FR12	R	050TIPVEK2EA0E		010DF								A JS	
SUSAP KMITK2FR12	R	060MARICK2EA0EY		010TF		1955		+ 03000				A JS	
SUSAP KMITK2FR12	R	070MARICK2EA0EE		R020HM		22100040		+ 03000				A JS	

[illegible]

QUALITY
CHECKED

CITY AND STATE SHAFTER, CA	ELEVATION: 424 TDZE: 413	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, ORIG 08 APR 2010	SUP:
	AIRPORT NAME:			AMDT: NONE
	SHAFTER-MINTER FIELD			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]

QUALITY
b
CHECKED

ELEVATION: 424 TDZE: 413
AIRPORT NAME:
SHAFTER-MINTER FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 12, ORIG
08 APR 2010

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.

MAG VAR: 14E EPOCH YEAR:1985

QUALITY
6
CHECKED

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS OR 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	

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 08 APR 2010

QUALITY
6
CHECKED

CITY AND STATE SHAFTER, CA	ELEVATION: 421 TDZE: 410	FACILITY IDENTIFIER: EHF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR GPS RWY 30, ORIG, 03/17/2005	SUP
	AIRPORT NAME: SHAFTER-MINTER FIELD			AMDT NONE
				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: I-PUK 1.81 DME FIX CLIMB TO 600 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 025 AND MAI VORTAC R-237 TO OLISS/MAI VORTAC 33.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 237.00 INBOUND. CHART FAS OBST: 164 TREE 302321N/0854848W CHART R-2914A. CHART R-2917. CHART R-2914B. CHART (EWQIX) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE							
LAARA/CEW VORTAC 39.09 DME (IAF)		OTTOE/13.70 DME/RADAR		183.00 / 9.52 (HDG) & 162.34 / 5.96 (I-PUK)		3000									
OTTOE/13.70 DME/RADAR (IF)		LIVVY/7.61 DME/RADAR		162.34 / 6.09 (I-PUK)		2000									
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 OTTOE/13.70 DME/RADAR 3. FAC: <u>162.34</u> FAF: <u>LIVVY/7.61 DME/RADAR</u> DIST FAF TO MAP: <u> </u> THLD: <u>5.80</u> 4. MIN. ALT: <u>OTTOE 3000, LIVVY 2000, SIKDE/3.51 DME 640*</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>1070</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>LIVVY/7.61 DME/RADAR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 8. MSA FROM: <u> </u>								MAG VAR: 3W EPOCH YEAR: 2010							
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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 16	269	1/2	200	269	1/2	200	269	1/2	200	269	1/2	200			
S-LOC 16	420	1/2	351	420	1/2	351	420	1/2	351	420	3/4	351			
CIRCLING	520	1	451	520	1	451	520	1 1/2	451	620	2	551			
NOTES: CHART NOTE: DME REQUIRED. #@ NA WHEN CONTROL TOWER CLOSED. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: USE I-PUK DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: VGS! AND ILS GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE				ELEVATION: 69 TDZE: 69		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
PANAMA CITY, FL				AIRPORT NAME:		I-PUK		ILS OR LOC/DME RWY 16, ORIG				AMDT: NONE			
				NORTHWEST FLORIDA-PANAMA CITY INTL				08 APR 2010				DATED			

QUALITY
 2
 CHECKED

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.

*LOC ONLY

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21

CHART PLANVIEW NOTE: THIS PROCEDURE EFFECTIVE BY NOTAM ONLY.

QUALITY
6
CHECKED

CITY AND STATE

PANAMA CITY, FL

ELEVATION: 69

TDZE: 69

AIRPORT NAME:

NORTHWEST FLORIDA-PANAMA CITY INTL

FACILITY
IDENTIFIER:

I-PUK

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 16, ORIG

08 APR 2010

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									
CLRRK	LATHN (FB)	287.77 / 44.20	6000	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 4000 DIRECT LELEE AND ON TRACK 072.34 TO SCARE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 252.39 INBOUND. CHART FAS OBST: 178 TREE 302304N/0854858W CHART R-2914A. CHART R-2914B. CHART R-2917. DISTANCE TO THLD FROM 200 HAT: 0.46 NM. WAAS CHANNEL # 63017 REFERENCE PATH ID: W16A								
LATHN	HUUPP (FB)	287.35 / 12.00	3000									
LAARA	RLTID (FB)	184.69 / 8.84	3000									
HUUPP (IAF)	OTTOE (FB)	252.36 / 6.00	3000									
RLTID (IAF)	OTTOE (FB)	162.28 / 6.70	3000									
OTTOE (IF)	LIVVY (FB)	162.30 / 8.09	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 OTTOE 3. FAC: <u>162.32</u> FAF: <u>LIVVY</u> DIST FAF TO MAP: <u>5.80</u> THLD: <u>5.80</u> 4. MIN. ALT: <u>OTTOE 3000, LIVVY 2000, SIKDE/1.70 NM TO RW16 640*</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>LIVVY 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW16 2600</u>				MAG VAR: 3W 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
LPV DA	269	1/2	200	269	1/2	200	269	1/2	200	269	1/2	200
LNAV/VNAV DA	478	1	409	478	1	409	478	1	409	478	1	409
LNAV MDA	440	1/2	371	440	1/2	371	440	1/2	371	440	1	371
CIRCLING	520	1	451	520	1	451	520	1 1/2	451	620	2	551
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4. 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. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10												
CITY AND STATE		ELEVATION: 69 TDZE: 69		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
PANAMA CITY, FL		AIRPORT NAME:				RNAV (GPS) RWY 16, ORIG		AMDT: NONE				
		NORTHWEST FLORIDA-PANAMA CITY INTL				08 APR 2010		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.

*RNAV ONLY

CHART NOTE: CIRCLING NA TO RWYS 3 AND 21

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLRRK ON V521 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: THIS PROCEDURE EFFECTIVE BY NOTAM ONLY.

QUALITY
6
CHECKED

CITY AND STATE

PANAMA CITY, FL

ELEVATION: 69

TDZE: 69

AIRPORT NAME:

NORTHWEST FLORIDA-PANAMA CITY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

08 APR 2010

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 KECP
RUNWAY RW16
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A
LTP/FTP LATITUDE 302215.9780N
LTP/FTP LONGITUDE 0854804.2990W
LTP/FTP ELLIPSOIDAL HEIGHT -00069
FPAP LATITUDE 302043.2000N
FPAP LONGITUDE 0854723.9600W
THRESHOLD CROSSING HEIGHT (TCH) 00055.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 107.00
LENGTH OFFSET 0008
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

CB852A76

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00209
FPAP ORTHOMETRIC HEIGHT +00209

QUALITY
2
CHECKED

CITY AND STATE
PANAMA CITY, FL

ELEVATION: 69 TDZE: 69
AIRPORT NAME:
NORTHWEST FLORIDA-PANAMA CITY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, ORIG
08 APR 2010

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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KECPK7FR16	ACLRRK	010CLRRKK7EA0E	IF						18000		A JS	
SUSAP	KECPK7FR16	ACLRRK	020LATHNK7EA0E	020TF		28780442		+ 06000				A JS	
SUSAP	KECPK7FR16	ACLRRK	030HUUPPK7EA0E	A 020TF		28740120		+ 03000				A JS	
SUSAP	KECPK7FR16	ACLRRK	040OTTOEK7EA0EE	B 010TF		25240060		+ 03000				A JS	
SUSAP	KECPK7FR16	ALAARA	010LAARAK7EA0E	IF						18000		A JS	
SUSAP	KECPK7FR16	ALAARA	020RLTIDK7EA0E	A 020TF		18470088		+ 03000				A JS	
SUSAP	KECPK7FR16	ALAARA	030OTTOEK7EA0EE	B 010TF		16230067		+ 03000				A JS	
SUSAP	KECPK7FR16	R	010OTTOEK7EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KECPK7FR16	R	020LIVVYK7EA1E	F 051TF		16230061		+ 02000			RW16 K7PGA	JS	
SUSAP	KECPK7FR16	R	020LIVVYK7EA2WALPV		ALNAV/VNAV ALNAV							JS	
SUSAP	KECPK7FR16	R	021SIKDEK7EA0E	S 031TF		16230041		V 0064000668		-300		A JS	
SUSAP	KECPK7FR16	R	030RW16 K7PGOGY	M 031TF		16230017		00124		-300		A JS	
SUSAP	KECPK7FR16	R	040	0 M 010CA		1623		+ 00269				A JS	
SUSAP	KECPK7FR16	R	050LELEEK7EA0E	010DF								A JS	
SUSAP	KECPK7FR16	R	060SCAREK7EA0EY	010TF		0723		+ 04000				A JS	
SUSAP	KECPK7FR16	R	070SCAREK7EA0EE	R020HM		25240040		+ 04000				A JS	

QUALITY
6
CHECK

CITY AND STATE PANAMA CITY, FL	ELEVATION: 69 TDZE: 69	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 08 APR 2010	SUP:	
	AIRPORT NAME: NORTHWEST FLORIDA-PANAMA CITY INTL			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.

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

SUSAP KECFK7GRW16 0100001623 N30221598W085480430-0100 -00069000690000551501

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

SUSAP KECFK7PR16 RW16 001 0000W16A0N3022159780W08548042990-000690300N3020432000W08547239600107000008000551F400350CB852A76
 SUSAP KECFK7PR16 RW16 002E +00209+00209LPV 63017

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

SUSAP KECFK7SRW16 K7PG 0 18018002625 M

QUALITY
 6
 CHECKED

CITY AND STATE
 PANAMA CITY, FL

ELEVATION: 69 TDZE: 69
 AIRPORT NAME:
 NORTHWEST FLORIDA-PANAMA CITY INTL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 16, ORIG
 08 APR 2010

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: RW34 CLIMB TO 4000 DIRECT HOSBY AND ON TRACK 016.05 TO HUUPP AND HOLD, CONTINUE CLIMB-IN-HOLD 4000. ADDITIONAL FLIGHT DATA: HOLD E, RT, 273.00 INBOUND. CHART FAS OBST: 145 TREE 302015N/0854747W CHART R-2914A. CHART R2914B. CHART R2917. DISTANCE TO THLD FROM 200 HAT: 0.50 NM. CHART VDP AT 0.99 MILES TO RW34* *LNAV ONLY. WAAS CHANNEL # 93817 REFERENCE PATH ID: W34A			
CLRRK	MAXTR (FB)	255.59 / 33.07	5000				
MAXTR	TYBOX (FB)	274.08 / 14.04	4000				
TYBOX (IAF)	HIKDO (FB)	252.45 / 6.00	3000				
HIKDO (IF)	CEXZU (FB)	342.39 / 4.15	2600				
CEXZU	FIGOV (FB)	342.38 / 1.89	2000				
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT HIKDO 3. FAC: <u>342.37</u> FAF: FIGOV _____ DIST FAF TO MAP: <u>5.86</u> THLD: <u>5.86</u> 4. MIN. ALT: <u>HIKDO 3000, CEXZU 2600, FIGOV 2000, HISNO/1.50 NM TO RW34 560*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>FIGOV 2000</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW34 2600</u>				MAG VAR: <u>3W</u> EPOCH YEAR: <u>2010</u>			
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	HAT/HAA	DH/MDA
LPV DA	262	3/4	200	262	3/4	200	262
LNAV/VNAV DA	415	1 1/4	353	415	1 1/4	353	415
LNAV MDA	420	1	358	420	1	358	420
CIRCLING	520	1	451	520	1	451	520
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. *LNAV ONLY CHART NOTE: CIRCLING NA TO RWYS 3 AND 21 CHART PLANVIEW NOTE: THIS PROCEDURE EFFECTIVE BY NOTAM ONLY.							
CITY AND STATE		ELEVATION: 69 TDZE: 62		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PANAMA CITY, FL		AIRPORT NAME:		NORTHWEST FLORIDA-PANAMA CITY INTL		RNAV (GPS) RWY 34, ORIG	
						08 APR 2010	
						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 KECP
RUNWAY RW34
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W34A
LTP/FTP LATITUDE 302043.3530N
LTP/FTP LONGITUDE 0854724.0440W
LTP/FTP ELLIPSOIDAL HEIGHT -00114
FPAP LATITUDE 302215.9800N
FPAP LONGITUDE 0854804.3000W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

A8D25E0B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00164
FPAP ORTHOMETRIC HEIGHT +00164

QUALITY
2
CHECKED

CITY AND STATE
PANAMA CITY, FL

ELEVATION: 69 TDZE: 62
AIRPORT NAME:
NORTHWEST FLORIDA-PANAMA CITY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, ORIG
08 APR 2010

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	KECPK7FR34	ACLRRK	010CLRRK7EA0E	IF					18000			A JS	
SUSAP	KECPK7FR34	ACLRRK	020MAXTRK7EA0E	020TF		25560331	+	05000				A JS	
SUSAP	KECPK7FR34	ACLRRK	030TYBOXK7EA0E	A 020TF		27410140	+	04000				A JS	
SUSAP	KECPK7FR34	ACLRRK	040HIKDOK7EA0EE	B 010TF		25250060	+	03000				A JS	
SUSAP	KECPK7FR34	R	010HIKDOK7EA0E	I IF					18000			A JS	
SUSAP	KECPK7FR34	R	011CEXZUK7EA0E	S 051TF		34240042	+	02600				A JS	
SUSAP	KECPK7FR34	R	020FIGOVK7EA1E	F 051TF		34240019	+	02000			RW34	K7PGA JS	
SUSAP	KECPK7FR34	R	020FIGOVK7EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KECPK7FR34	R	021HISNOK7EA0E	S 031TF		34240044	V	0056000583		-300		A JS	
SUSAP	KECPK7FR34	R	030RW34	K7PGOGY M 031TF		34240015		00104		-300		A JS	
SUSAP	KECPK7FR34	R	040	0 M 010CA		3424	+	00262				A JS	
SUSAP	KECPK7FR34	R	050HOSBYK7EA0E	010DF								A JS	
SUSAP	KECPK7FR34	R	060HUUPPK7EA0EY	010TF		0161	+	04000				A JS	
SUSAP	KECPK7FR34	R	070HUUPPK7EA0EE	R020HM		27300040	+	04000				A JS	

QUALITY
6
CHECKED

CITY AND STATE PANAMA CITY, FL	ELEVATION: 69	TDZE: 62	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG 08 APR 2010	SUP:	
	AIRPORT NAME:				AMDT:	NONE
	NORTHWEST FLORIDA-PANAMA CITY INTL				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 KECPK7GRW34 0100003424 N30204335W085472404+0100 -0011400054000050150R

SUSAP	KECPK7PR34	RW34	001	0000W34A0N3020433530W08547240440-001140300N3022159800W08548043000106750000000500F400350A8D25E0B
SUSAP	KECPK7PR34	RW34	002E	+00164+00164LPV 93817

SUSAP KECPK7SRW34 K7PG 0 18018002625 M

QUALITY
6
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 3, 21 NA - ENVIRONMENTAL

RWY 16, 34 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, TREES BEGINNING 2644' FROM DER, 382' RIGHT OF CENTERLINE, UP TO 82' AGL/131' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
2
CHECKED

(5) City, State

PANAMA CITY, FL

(6) Airport

NORTHWEST FLORIDA-PANAMA CITY INTL

(7) Effective Date

08 APR 2010

(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 9, 18L, 18R, 27, 36L, 36R, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 9, CLIMB HEADING 093.73 TO 800 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, MULTIPLE TREES BEGINNING 1,281' FROM DER, 1' RIGHT OF CENTERLINE, UP TO 106' AGL/118' MSL. TOWER 4,214' FROM DER, 265' RIGHT OF CENTERLINE, 105' AGL/145' MSL. MULTIPLE TREES BEGINNING 134' FROM DER, 73' LEFT OF CENTERLINE, UP TO 103' AGL/114' MSL. NOTE: RWY 18L, ANT ON OL BLDG 3,279' FROM DER, 1,160' LEFT OF CENTERLINE, 145' AGL/155' MSL. BLDG 4,755' FROM DER, 1,522' LEFT OF CENTERLINE, 146' AGL/155' MSL. NOTE: RWY 18R, TREES BEGINNING 482' FROM DER, 578' RIGHT OF CENTERLINE, UP TO 33' AGL/37' MSL. NOTE: RWY 27, BLDG AND ANTENNA BEGINNING 4354' FROM DER, 1,162' LEFT OF CENTERLINE, UP TO 146' AGL/158' MSL. MULTIPLE TREES BEGINNING 479' FROM DER, 419' RIGHT OF CENTERLINE, UP TO 53' AGL/67' MSL. MULTIPLE TREES BEGINNING 128' FROM DER, (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 9: 622 MSL BLDG 275648.00N/0822726.00W

(5) City, State

TAMPA, FL

(6) Airport

TAMPA INTL

(7) Effective Date

08 APR 2010

(8) Amdt. No.

8

QUALITY
CHECKED
2

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.

TAKEOFF OBSTACLE NOTES CONTINUED:

3' LEFT OF CENTERLINE, UP TO 54' AGL/68' MSL. POLE 474' FROM DER, 436' LEFT OF CENTERLINE, UP TO 30' AGL/35' MSL. NOTE: RWY 36L, TREE 752' FROM DER, 696' RIGHT OF CENTERLINE, 42' AGL/66' MSL.

QUALITY
2
CHECKED

City, State TAMPA, FL	Airport TAMPA INTL	Effective Date 08 APR 2010	Amdt. No. 8		
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												
AHN VORTAC (IAF)	PARVY INT/I-DR 11.52 DME/RADAR (NOPT)	238.20 / 10.05	3000	ILS: DA LOC: 4.33 MILES AFTER KAYBE INT/IDR 5.33 DME OR AT BOWIT/1.00 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 170 AND I-DR SE COURSE TO PARVY INT/I-DR 11.52 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2500 DIRECT BMW NDB AND HOLD SE, LT, 312.02 INBOUND (ADF REQUIRED). ADDITIONAL FLIGHT DATA: CHART: ALTERNATE MA HOLDING, HOLD SE BMW NDB, LT, 312.02 INBOUND. CHART FAS OBST: 983 TREE 335843N/0833917W CHART PLANVIEW NOTE: LOC OFFSET 2.77 DEGREES. CHART IN PLANVIEW: BMW NDB. CHART IN PLANVIEW: AHN 10.05 DME AT PARVY INT. CHART (EJCAV) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. FAC CROSSES RWY C/L EXTENDED 3047 FROM THLD.											
JOTNO/AHN 12.00 DME (IAF)	PARVY INT/I-DR 11.52 DME/RADAR (NOPT)	001.42 / 1.58 (HDG) & 316.42 / 7.08 (I-DR)	3000												
PARVY INT/I-DR 11.52 DME/RADAR (IF/IAF)	KAYBE INT/I-DR 5.33 DME	316.42 / 6.19 (I-DR)	2500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE PARVY, LT, 316.42 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>316.42</u> FAF: KAYBE INT/I-DR 5.33 DME DIST FAF TO MAP: <u>4.33</u> THLD: <u>4.80</u> 4. MIN. ALT: PARVY 3000, KAYBE 2500 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>800</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: KAYBE INT/5.33 DME 2500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.8</u> 8. MSA FROM: BMW NDB 3700				MAG VAR: 5W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #				LOC: STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31	1170	1	250	1170	1	250	1170	1	250	1170	1	250			
S-LOC 31	1300	1	380	1300	1	380	1300	1	380	1300	1	380			
CIRCLING	1400	1	457	1500	1	557	1500	1 1/2	557	1500	2	557			
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATHENS ALTIMETER SETTING AND INCREASE SEE 8260-10 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 943 TDZE: 920		FACILITY IDENTIFIER: I-DR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WINDER, GA		AIRPORT NAME: BARROW COUNTY				ILS OR LOC RWY 31, ORIG				AMDT: NONE					
						08 APR 2010				DATED					

 QUALITY
5
CHECKED

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.

S-ILS 31 DA TO 1229 AND ALL MDA 60 FEET; INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 31 ALL CATS AND S-LOC 31 CATS A/B/C.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 31 CAT D VISIBILITY TO 1 1/4.

CHART NOTE: WHEN USING ATHENS ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 31 CATS A/B, AND FOR INOPERATIVE MALSR, INCREASE S-LOC CAT C VISIBILITY TO 1 1/4.

QUALITY
5
CHECKED

CITY AND STATE

WINDER, GA

ELEVATION: 943 TDZE: 920

AIRPORT NAME:

BARROW COUNTY

FACILITY
IDENTIFIER:

I-DR

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 31, ORIG

08 APR 2010

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25															
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:															
o8 APR 2010															
PROCEDURE CANCELED EFFECTIVE _____															
CITY AND STATE		ELEVATION: 943 TDZE: 920		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP					
WINDER, GA		Barrow County		I-HDR		LOC RWY 31, AMDT 8C, 12/20/2007				AMDT 8B					
										DATE 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.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3000 DIRECT CADEB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.75 INBOUND. CHART FAS OBST: 1009 TREE 335914N/0834036W CHART FAS OBST: 1021 TREE 335923N/0834021W CHART 1179 TREE 340043N/0834229W. DISTANCE TO THLD FROM 270 HAT: 0.66 NM. WAAS CHANNEL # 90305 REFERENCE PATH ID: W13A											
GOGBE (IF/IAF)	EKEYU (FB)	133.54 / 3.52	3200												
EKEYU	AXADE (FB)	133.57 / 4.03	2600												
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT GOGBE 3. FAC: 133.61 FAF: AXADE DIST FAF TO MAP: 4.97 THLD: 4.97 4. MIN. ALT: GOGBE 3700, EKEYU 3200, AXADE 2600, CASUN/2.10 NM TO RW13 1660* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2600 GS ALT AT: AXADE 2600 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM: RW13 3700				MAG VAR: 5W 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	1205	1	270	1205	1	270	1205	1	270	1205	1	270			
LNAV/VNAV DA	1420	1 3/4	485	1420	1 3/4	485	1420	1 3/4	485	1420	1 3/4	485			
LNAV MDA	1300	1	365	1300	1	365	1300	1	365	1300	1 1/4	365			
CIRCLING	1400	1	457	1500	1	557	1500	1 1/2	557	1500	2	557			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ATHENS 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: 943 TDZE: 935		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WINDER, GA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, AMDT 1				AMDT: ORIG					
		BARROW COUNTY				08 APR 2010				DATED 08/30/2007					



**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.

NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GOGBE VIA V325 NORTHWEST BOUND.****CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.*****LNAV ONLY****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATHENS ALTIMETER SETTING AND INCREASE****LPV DA ALL CATS TO 1264, LNAV/VNAV DA ALL CATS TO 1479, AND ALL MDA 60 FEET; INCREASE LNAV CAT C
AND CIRCLING CAT C VISIBILITY 1/4 MILE.**

QUALITY
5
CHECK

CITY AND STATE

WINDER, GA

ELEVATION: 943

TDZE: 935

AIRPORT NAME:

BARROW COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 08/30/2007

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KWDR
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	335919.1600N
LTP/FTP LONGITUDE	0834024.8500W
LTP/FTP ELLIPSOIDAL HEIGHT	+02558
FPAP LATITUDE	335823.4000N
FPAP LONGITUDE	0833901.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
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

FEC76054

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02851
FPAP ORTHOMETRIC HEIGHT	+02851

QUALITY
CHECKED

CITY AND STATE
WINDER, GA

ELEVATION: 943 TDZE: 935
AIRPORT NAME:
BARROW COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1
08 APR 2010

SUP:	
AMDT:	ORIG
DATED:	08/30/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KWD RK7FR13	R	010GOGBEK7EA0E	I	IF				+ 03700	18000			A JS	
SUSAP KWD RK7FR13	R	011EKEYUK7EA0E	S	051TF			13350035	+ 03200				A JS	
SUSAP KWD RK7FR13	R	020AXADEK7EA1E	F	051TF			13360040	+ 02600			RW13	K7PGA	JS
SUSAP KWD RK7FR13	R	020AXADEK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KWD RK7FR13	R	021CASUNK7EA0E	S	031TF			13360029	V 0166001669		-300		A JS	
SUSAP KWD RK7FR13	R	030RW13	K7PGOGY	M	031TF		13360021	00995		-300		A JS	
SUSAP KWD RK7FR13	R	040	Q	M	010CA		1336	+ 01205				A JS	
SUSAP KWD RK7FR13	R	050CADEBK7EA0EY		010DF				+ 03000				A JS	
SUSAP KWD RK7FR13	R	060CADEBK7EA0EE		R020HM			31380040	+ 03000				A JS	

[illegible][illegible]

QUALITY
CHECKED

CITY AND STATE WINDER, GA	ELEVATION: 943 TDZE: 935	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME:			AMDT: ORIG
	BARROW COUNTY			DATED: 08/30/2007

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

[illegible]

QUALITY
6
CHECKED

CITY AND STATE WINDER, GA	ELEVATION: 943 TDZE: 935 AIRPORT NAME: BARROW COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 08/30/2007

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES												MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 3000 DIRECT HAWCU AND VIA TRACK 173.09 TO BGRED AND VIA TRACK 115.26 TO JOTNO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 115.26 INBOUND. CHART FAS OBST: 1003 TREE 335900N/0833936W CHART FAS OBST: 1021 TREE 335923N/0834021W DISTANCE TO THLD FROM 250 HAT: 0.69 NM. WAAS CHANNEL # 82516 REFERENCE PATH ID: W23A							
WOMAC		PATTE (FO)		097.89 / 19.92				3700									
AHN VORTAC		PATTE (FO)		322.57 / 13.42				3000									
IRMOS (IAF)		PATTE (NOPT) (FB)		211.46 / 7.05				3000									
PATTE (IF/IAF)		ZEKMI (FB)		230.82 / 6.22				2500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE PATTE, LT, 230.82 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>230.77</u> FAF: <u>ZEKMI</u> DIST FAF TO MAP: <u>4.78</u> THLD: <u>4.78</u> 4. MIN. ALT: PATTE 3000, ZEKMI 2500 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>ZEKMI 2500</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: RW23 3700																	
MAG VAR: 5W 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	1178	1	250	1178	1	250	1178	1	250	1178	1	250					
LNAV/VNAV DA	1273	1 1/4	345	1273	1 1/4	345	1273	1 1/4	345	1273	1 1/4	345					
LNAV MDA	1320	1	392	1320	1	392	1320	1	392	1320	1 1/4	392					
CIRCLING	1400	1	457	1500	1	557	1500	1 1/2	557	1500	2	557					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ATHENS ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE WINDER, GA				ELEVATION: 943 TDZE: 928 AIRPORT NAME: BARROW COUNTY				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 08 APR 2010				SUP:	
																AMDT: NONE	
																DATED	



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

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NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOMAC VIA V222 SOUTHWEST BOUND.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATHENS ALTIMETER SETTING AND INCREASE****LPV DA ALL CATS TO 1237, LNAV/VNAV DA ALL CATS TO 1332, AND ALL MDA 60 FEET; INCREASE LPV ALL****CATS, LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.**

QUALITY
6
CHECKED

CITY AND STATE

WINDER, GA

ELEVATION: 943 TDZE: 928

AIRPORT NAME:

BARROW COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

08 APR 2010

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 KWDR
RUNWAY RW23
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23A
LTP/FTP LATITUDE 335904.9900N
LTP/FTP LONGITUDE 0833952.4500W
LTP/FTP ELLIPSOIDAL HEIGHT +02501
FPAP LATITUDE 335802.6800N
FPAP LONGITUDE 0834109.1600W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1648
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

90100FBB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02794
FPAP ORTHOMETRIC HEIGHT +02794

QUALITY
6
CHECKED

CITY AND STATE

WINDER, GA

ELEVATION: 943

TDZE: 928

AIRPORT NAME:

BARROW COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

08 APR 2010

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 KWRK7FR23	AAHN	010AHN	K7D	OV	IF					18000		A	JS
SUSAP KWRK7FR23	AAHN	020PATTEK7EA0EY	020TF			32260134		+ 03000				A	JS
SUSAP KWRK7FR23	AAHN	030PATTEK7EA0EE	AL	HF		23080040		+ 03000				A	JS
SUSAP KWRK7FR23	AIRMOS	010IRMOSK7EA0E	A	IF						18000		A	JS
SUSAP KWRK7FR23	AIRMOS	020PATTEK7EA0EE	B	010TF		21150071		+ 03000				A	JS
SUSAP KWRK7FR23	AWOMAC	010WOMACK7EA0E	IF							18000		A	JS
SUSAP KWRK7FR23	AWOMAC	020PATTEK7EA0EY	020TF			09790199		+ 03700				A	JS
SUSAP KWRK7FR23	AWOMAC	030PATTEK7EA0EE	AL	HF		23080040		+ 03000				A	JS
SUSAP KWRK7FR23	R	010PATTEK7EA0E	I	IF				+ 03000		18000		A	JS
SUSAP KWRK7FR23	R	020ZEKMIK7EA1E	F	051TF		23080062		+ 02500			RW23	K7PGA	JS
SUSAP KWRK7FR23	R	020ZEKMIK7EA2WALPV			ALNAV/VNAV								JS
SUSAP KWRK7FR23	R	030RW23	K7PGOGY	M	031TF	23080048		00957		-300		A	JS
SUSAP KWRK7FR23	R	040		M	010CA	2308		+ 01178				A	JS
SUSAP KWRK7FR23	R	050HAWCUK7EA0E		010DF								A	JS
SUSAP KWRK7FR23	R	060BGREDK7EA0E		010TF		1731						A	JS

QUALITY
6
CHECKS

CITY AND STATE WINDER, GA	ELEVATION: 943 TDZE: 928 AIRPORT NAME: BARROW COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 08 APR 2010	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 KWDRK7FR23	R	070JOTNOK7EA0EY	010TF	1153	+ 03000	A JS
SUSAP KWDRK7FR23	R	080JOTNOK7EA0EE	R020HM	11530040	+ 03000	A JS

SUSAP KWDRK7GRW23 0036102307 N33590499W083395245+0500 +02501009170000040100R

SUSAP KWDRK7FR23	RW23	001	0000W23A0N3359049900W08339524500+025010300N3358026800W08341091600106751648000400F40050090100FEB
SUSAP KWDRK7FR23	RW23	002E	+02794+02794LEV 82516

SUSAP KWDRK7SRW23 K7PG 0 18018003725 M

QUALITY
6
CHECKS

PAGE 5 OF 5 PAGES

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									
AHN VORTAC (IAF)	CADEB (NOPT) (FB)	240.97 / 9.39	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT AXADE AND RIGHT TURN VIA TRACK 043.69 TO MATME AND VIA TRACK 109.80 TO PATTE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 230.82 INBOUND. CHART FAS OBST: 1002 TREE 335859N/0833925W CHART FAS OBST: 1119 TOWER 335556N/0833711W DISTANCE TO THLD FROM 250 HAT: 0.69 NM. WAAS CHANNEL # 69305 REFERENCE PATH ID: W31A								
JOTNO (IAF)	CADEB (NOPT) (FB)	328.75 / 7.84	3000									
CADEB (IF/IAF)	BEYKA (FB)	313.75 / 6.74	2500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE CADEB, RT, 313.75 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>313.69</u> FAF: <u>BEYKA</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u> 4. MIN. ALT: <u>CADEB 3000, BEYKA 2500</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>2500</u> GS ALT AT: <u>BEYKA 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.8</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW31 3700</u>				MAG VAR: 5W 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
LPV DA	1170	1	250	1170	1	250	1170	1	250	1170	1	250
LNAV/VNAV DA	1272	1	352	1272	1	352	1272	1	352	1272	1	352
LNAV MDA	1420	1	500	1420	1	500	1420	1	500	1420	1	500
CIRCLING	1420	1	477	1500	1	557	1500	1 1/2	557	1500	2	557

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING ATHENS 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. QUALITY
6
CHECKED

CITY AND STATE WINDER, GA	ELEVATION: 943 TDZE: 920	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME: BARROW COUNTY			AMDT: ORIG
	DATED 08/30/2007			

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AHN VORTAC VIA V325 EASTBOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ATHENS ALTIMETER SETTING AND INCREASE

LPV DA ALL CATS TO 1229, LNAV/VNAV DA ALL CATS TO 1331, AND ALL MDA 60 FEET; INCREASE LPV ALL

CATS VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS AND LNAV CATS A/B.

CHART NOTE: WHEN USING ATHENS ALTIMETER SETTING, INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A/B.

QUALITY
5
CHECKED

CITY AND STATE

WINDER, GA

ELEVATION: 943 TDZE: 920

AIRPORT NAME:

BARROW COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 08/30/2007

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KWDR
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 335848.8800N
LTP/FTP LONGITUDE 0833939.3900W
LTP/FTP ELLIPSOIDAL HEIGHT +02481
FPAP LATITUDE 335944.6200N
FPAP LONGITUDE 0834103.0800W
THRESHOLD CROSSING HEIGHT (TCH) 00040.8
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1256
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

5366E9DA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02774
FPAP ORTHOMETRIC HEIGHT +02774

QUALITY
5
CHECKED

CITY AND STATE WINDER, GA	ELEVATION: 943 TDZE: 920 AIRPORT NAME: BARROW COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 08/30/2007

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

QUALITY
CHECKED

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

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

SUSAP KWDEK7GRW31 0055003137 N33584888W083393939+0500 +0248100910060041100T

SUSAP KWDRK7PR31 RW31 001 0000W31A0N3358488800W08339393900+024810300N3359446200W0834103080Q106751256000408F4005005366E9DA
SUSAP KWDRK7PR31 RW31 002E +02774+02774LPV 69305

SUSAP KWDRK7SRW31 K7PG 0 18018003725

QUALITY
6
CHECKED

PAGE 5 OF 5 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME RNAV 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: 08 APR 2010 PROCEDURE CANCELLED EFFECTIVE _____															
CITY AND STATE		ELEVATION: 943 TDZE: 928		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP					
WINDER, GA		Barrow County		AHN		VOR/DME RNAV OR GPS RWY 23, ORIG-C, 09/04/2003				AMDT		ORIG-B			
										DATE		UNK			

QUALITY
5

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 08 APR 2010



CITY AND STATE BELLE PLAINE, IA	ELEVATION: 771 TDZE: 770	FACILITY IDENTIFIER: TZT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 36, ORIG-A, 08/15/2000	SUP
	AIRPORT NAME: BELLE PLAINE MUNI			AMDT ORIG
				DATE 08/15/2000

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 08 APR 2010

QUALITY
2
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TDZE: 926	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 15, ORIG, 06/18/1998	SUP	
	AIRPORT NAME: KNOXVILLE MUNI			AMDT NONE	
				DATE	

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 08 APR 2010

QUALITY
2
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TDZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 33, ORIG, 06/18/1998	SUP AMDT NONE 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	LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 2700 DIRECT LEGWU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 333.92 INBOUND. CHART FAS OBST: 1029 TREE 411821N/0930655W FAS OBST: 1109 AAO 412147N/0930923W DISTANCE TO THLD FROM 314 HAT: 0.87 NM. CHART VDP AT 1.28 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 40116 REFERENCE PATH ID: W15A											
LACON	RUDEH (FB)	010.09 / 18.26	3000												
TNU VOR/DME	PUPCE (FB)	178.99 / 16.89	3000												
MIXIN (IAF)	JOEBB (NOPT) (FB)	139.01 / 11.13	3000												
RUDEH (IAF)	JOEBB (NOPT) (FB)	063.71 / 5.00	3000												
PUPCE (IAF)	JOEBB (NOPT) (FB)	243.85 / 5.00	3000												
JOEBB (IF/IAF)	UKRIC (FB)	153.78 / 6.24	2500												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW JOEBB, RT, 153.78 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 153.82 FAF: UKRIC DIST FAF TO MAP: 4.76 THLD: 4.76 4. MIN. ALT: JOEBB 3000, UKRIC 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: UKRIC OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: RW15 3100				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		D		E					
	DH/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	1242	1 1/4	314	1242	1 1/4	314		NA			NA				
LNAV/VNAV DA	1299	1 1/4	371	1299	1 1/4	371		NA			NA				
LNAV MDA	1360	1	432	1360	1	432		NA			NA				
CIRCLING		1480	1	552	1480	1	552		NA			NA			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LACON VIA V175 SOUTHEAST BOUND. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). SEE 8260-10															
CITY AND STATE		ELEVATION: 928 TDZE: 928		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
KNOXVILLE, IA				KNOXVILLE MUNI		RNAV		RNAV (GPS) RWY 15, ORIG 08 APR 2010				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: BARO-VNAV AND VDP NA WHEN USING PELLA ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLA ALTIMETER SETTING AND INCREASE

ALL DA 29 FEET, ALL MDA 40 FEET AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY
2
CHECKED

CITY AND STATE

KNOXVILLE, IA

ELEVATION: 928 TDZE: 928

AIRPORT NAME:

KNOXVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

08 APR 2010

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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOXY
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	411814.7880N
LTP/FTP LONGITUDE	0930700.1955W
LTP/FTP ELLIPSOIDAL HEIGHT	+02498
FPAP LATITUDE	411653.4400N
FPAP LONGITUDE	0930611.8500W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER D506B0AA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02816
FPAP ORTHOMETRIC HEIGHT	+02816

QUALITY
2
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TDZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 08 APR 2010	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 K0XVK3FR15	AJOEBB	010JOEBBK3EA0EE	AR	HF		15380040		+ 03000	18000			A JS	
SUSAP K0XVK3FR15	ALACON	010LACONK3EA0E		IF					18000			A JS	
SUSAP K0XVK3FR15	ALACON	020RUDEHK3EA0E	A	020TF		01010183		+ 03000				A JS	
SUSAP K0XVK3FR15	ALACON	030JOEBBK3EA0EE	B	010TF		06370050		+ 03000				A JS	
SUSAP K0XVK3FR15	AMIXIN	010MIXINK3EA0E	A	IF					18000			A JS	
SUSAP K0XVK3FR15	AMIXIN	020JOEBBK3EA0EE	B	010TF		13900111		+ 03000				A JS	
SUSAP K0XVK3FR15	ATNU	010TNU	K3D	0V	IF				18000			A JS	
SUSAP K0XVK3FR15	ATNU	020PUPCEK3EA0E	A	020TF		17900167		+ 03000				A JS	
SUSAP K0XVK3FR15	ATNU	030JOEBBK3EA0EE	B	010TF		24390050		+ 03000				A JS	
SUSAP K0XVK3FR15	R	010JOEBBK3EA0E	E	IF					18000			A JS	
SUSAP K0XVK3FR15	R	020UKRICK3EA1E	F	051TF		15380062		+ 02500			RW15	K3PGA	JS
SUSAP K0XVK3FR15	R	020UKRICK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP K0XVK3FR15	R	030RW15	K3PG0GY	M	031TF	15380048		00964		-300		A JS	
SUSAP K0XVK3FR15	R	040	0	M	010CA	1538		+ 01242				A JS	
SUSAP K0XVK3FR15	R	050LEGWUK3EA0EY		010DF				+ 02700				A JS	

QUALITY
6
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TDZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 08 APR 2010	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]

SUSAP KOXVK3PR15 RW15 002E +02815+02816LPV 40116

[illegible]

SUSAP KOXVK3SRW15 K3PG 0 18018003125 M

QUALITY
6
CHECKED

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	
LACON	MAYIS (FB)	099.96 / 13.46	2700	LNAV/VNAV: DA LNAV: RW33 CLIMB TO 3000 DIRECT JOEBB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 153.78 INBOUND. CHART FAS OBST: 1029 TREE 411733N/0930644W FAS OBST: 1149 AAO 411334N/0930415W DISTANCE TO THLD FROM 371 HAT: 1.04 NM. CHART VDP AT 1.40 MILES TO RW33* *LNAV ONLY.
MAYIS (IAF)	LEGWU (NOPT) (FB)	063.85 / 5.00	2700	
BUSSY (IAF)	LEGWU (NOPT) (FB)	237.80 / 8.16	2700	
LEGWU (IF/IAF)	FIXAB (FB)	333.92 / 6.25	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE LEGWU, RT, 333.92 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 333.88 FAF: FIXAB DIST FAF TO MAP: 4.75 THLD: 4.75
- MIN. ALT: LEGWU 2700, FIXAB 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: FIXAB OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW33 3100

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			D			E		
	DH/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	1299	1 1/4	371	1299	1 1/4	371		NA			NA				
LNAV MDA	1400	1	472	1400	1	472		NA			NA				
CIRCLING	1480	1	552	1480	1	552		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 LACON VIA V175 NORTHWEST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BUSSY VIA V52 SOUTHEAST BOUND.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
1
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TDZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 08 APR 2010	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: BARO-VNAV AND VDP NA WHEN USING PELLA ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLA ALTIMETER SETTING AND INCREASE

ALL DA 29 FEET, ALL MDA 40 FEET, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE

KNOXVILLE, IA

ELEVATION: 928

TDZE: 928

AIRPORT NAME:

KNOXVILLE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

08 APR 2010

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]

QUALITY
1
CHECKED

CITY AND STATE KNOXVILLE, IA	ELEVATION: 928 TOZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 08 APR 2010	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]

QUALITY
CHECKED

CITY AND STATE KNOXVILLE, 1A	ELEVATION: 928 TDZE: 928 AIRPORT NAME: KNOXVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 08 APR 2010	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 15, 33, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, VEHICLE AND ROAD BEGINNING 49' FROM DER, 295' LEFT OF CENTERLINE, UP TO 15' AGL/ 937' MSL. TREES BEGINNING 387' FROM DER, 389' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1029' MSL. POLES BEGINNING 407' FROM DER, 224' LEFT OF CENTERLINE, UP TO 61' AGL/ 962' MSL. BUILDINGS BEGINNING 506' FROM DER, 406' RIGHT OF CENTERLINE, UP TO 28' AGL/ 948' MSL. TREES BEGINNING 685' FROM DER, 396' LEFT OF CENTERLINE, UP TO 100' AGL/ 1029' MSL.

NOTE: RWY 33, TREES BEGINNING 33' FROM DER, 440' LEFT OF CENTERLINE, UP TO 73' AGL/ 963' MSL. TREES BEGINNING 39' FROM DER, 465' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1029' MSL. FENCE BEGINNING 86' FROM DER, 350' RIGHT OF CENTERLINE, UP TO 9' AGL/ 930' MSL. VEHICLE AND ROAD BEGINNING 158' FROM DER, 490' RIGHT OF CENTERLINE, UP TO 15' AGL/ 931' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
2
CHECKED

(5) City, State

KNOXVILLE, IA

(6) Airport

KNOXVILLE MUNI

(7) Effective Date

08 APR 2010

(8) Amdt. No.

ORIG

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

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 08 APR 2010

CITY AND STATE MAPLETON, IA	ELEVATION: 1116 TDZE: 1116	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 02, ORIG 18 JUN 98	SUP
	AIRPORT NAME: JAMES G WHITING MEML FIELD			AMDT NONE
	DATE			

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 08 APR 2010

CITY AND STATE MAPLETON, IA	ELEVATION: 1116 TDZE: 1116	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 20, ORIG, 06/18/1998	SUP
	AIRPORT NAME: JAMES G WHITING MEML FIELD			AMDT NONE
				DATE

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

QUALITY
2
SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KMEYK3FR02	ABECOM	010BECOMK3EA0E	A	IF						18000		B JS	
SUSAP KMEYK3FR02	ABECOM	020UPYANK3EA0EE	B	010TF			06800113	+	03100			B JS	
SUSAP KMEYK3FR02	AUPYAN	010UPYANK3EA0EE	AR	HF			01910040	+	03100	18000		B JS	
SUSAP KMEYK3FR02	AYETJA	010YETJAK3EA0E		IF						18000		B JS	
SUSAP KMEYK3FR02	AYETJA	020CIVTUK3EA0E	A	020TF			21240105	+	03500			B JS	
SUSAP KMEYK3FR02	AYETJA	030UPYANK3EA0EE	B	010TF			28920050	+	03100			B JS	
SUSAP KMEYK3FR02	R	010UPYANK3EA0E	I	IF				+	03100	18000		B JS	
SUSAP KMEYK3FR02	R	020TEGTYK3EA1E	F	051TF			01910061	+	02500		RW02	K3PGB	JS
SUSAP KMEYK3FR02	R	020TEGTYK3EA2WN			N	ALNAV							JS
SUSAP KMEYK3FR02	R	030RW02 K3PGOGY	M	031TF			01910042		01156	-304		B JS	
SUSAP KMEYK3FR02	R	040	O	M	010CA		0191	+	01516			B JS	
SUSAP KMEYK3FR02	R	050NEUSEK3EA0EY		010DF					03200			B JS	
SUSAP KMEYK3FR02	R	060NEUSEK3EA0EE		R020HM			19920040	+	03200			B JS	

[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.

Q 19

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	LNAV: RW20 CLIMB TO 3100 DIRECT UPYAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 019.08 INBOUND. FAS OBST: 1579 AAO 421409N/0954634W 1639 AAO 421609N/0954402W LUWJE TO RW20: 3.05/40.
YETJA	VUXFO (FB)	008.35 / 12.58	3500	
CUSHO (IAF)	NEUSE (NOPT) (FB)	127.45 / 5.29	3200	
VUXFO (IAF)	NEUSE (NOPT) (FB)	289.23 / 5.00	3200	
NEUSE (IF/IAF)	LUWJE (FB)	199.19 / 6.10	3000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N NEUSE, RT, 199.19 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
- FAC: 199.16 FAF: LUWJE DIST FAF TO MAP: 5.70 THLD: 5.70
- MIN. ALT: NEUSE 3200, LUWJE 3000
- 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: RW20 3300

MAG VAR: 5E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	X							
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1920	1	804	1920	1 1/4	804		NA			NA				
CIRCLING	1920	1	804	1920	1 1/4	804		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE SIOUX CITY ALTIMETER SETTING, WHEN NOT RECEIVED USE DENISON ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUSHO ON V100 WESTBOUND.

QUALITY
2
09/08/09

CITY AND STATE MAPLETON, IA	ELEVATION: 1116 TDZE: 1116 AIRPORT NAME: JAMES G WHITING MEML FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 08 APR 2010	SUP: AMDT: NONE DATED

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

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CITY AND STATE

MAPLETON, IA

ELEVATION: 1116 TDZE: 1116

AIRPORT NAME:

JAMES G WHITING MEML FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, ORIG

08 APR 2010

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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMEYK3FR20	ACUSHO	010CUSHOK3EA0E	A	IF						18000		B JS	
SUSAP KMEYK3FR20	ACUSHO	020NEUSEK3EA0EE	B	010TF		12750053		+ 03200				B JS	
SUSAP KMEYK3FR20	ANEUSE	010NEUSEK3EA0EE	AR	HF		19920040		+ 03200		18000		B JS	
SUSAP KMEYK3FR20	AYETJA	010YETJAK3EA0E		IF						18000		B JS	
SUSAP KMEYK3FR20	AYETJA	020VUXFOK3EA0E	A	020TF		00840126		+ 03500				B JS	
SUSAP KMEYK3FR20	AYETJA	030NEUSEK3EA0EE	B	010TF		28920050		+ 03200				B JS	
SUSAP KMEYK3FR20	R	010NEUSEK3EA0E	I	IF				+ 03200		18000		B JS	
SUSAP KMEYK3FR20	R	020LUWJEK3EA1E	F	051TF		19920061		+ 03000			RW20	K3PGB	JS
SUSAP KMEYK3FR20	R	020LUWJEK3EA2WN			N		ALNAV						JS
SUSAP KMEYK3FR20	R	030RW20 K3PGOGY	M	031TF		19920057		01156		-305		B JS	
SUSAP KMEYK3FR20	R	040	Q	M 010CA		1992		+ 01516				B JS	
SUSAP KMEYK3FR20	R	050UPYANK3EA0EY		010DF				+ 03100				B JS	
SUSAP KMEYK3FR20	R	060UPYANK3EA0EE		R020HM		01910040		+ 03100				B JS	

[illegible]

QUALITY
1
CHECK

CITY AND STATE MAPLETON, IA	ELEVATION: 1116 TDZE: 1116 AIRPORT NAME: JAMES G WHITING MEML FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 08 APR 2010	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.

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	
ELUME (IAF)	HEMPA (NOPT) (FB)	092.15 / 5.00	2700	LNAV/VNAV: DA LNAV: RW18L CLIMB TO 2700 DIRECT SOPAW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 002.22 INBOUND. CHART FAS OBST: 463 TREE 374747N/0891443W CHART FAS OBST: 477 TREE 374701N/0891505W CHART VDP AT 0.88 MILES TO RW18L * LNAV ONLY. DISTANCE TO THLD FROM 319 HAT: 0.84NM
FOGBO (IAF)	HEMPA (NOPT) (FB)	272.28 / 5.00	2700	
HEMPA (IF/IAF)	JOROB (FB)	182.22 / 6.02	2100	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N HEMPA, RT, 182.22 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 182.22 FAF: JOROB DIST FAF TO MAP: 5.08 THLD: 5.08
- MIN. ALT: HEMPA 2700, JOROB 2100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2100 GS ALT AT: JOROB OM: MM: IM:
- GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 1W 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	726	1/2	319	726	1/2	319	726	1/2	319	726	3/4	319			
LNAV MDA	740	1/2	333	740	1/2	333	740	1/2	333	740	1	333			
CIRCLING	900	1	489	900	1	489	900	1 1/2	489	980	2	569			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIAMSON CO RGNL ALTIMETER SETTING
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE CARBONDALE/MURPHYSBORO, IL	ELEVATION: 411 TDZE: 407 AIRPORT NAME: SOUTHERN ILLINOIS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18L, ORIG 08 APR 2010	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.

AND INCREASE ALL DA 36 FEET AND ALL MDA 40 FEET AND INCREASE LNAV/VNAV CAT A,B,C VISIBILITY 1/4 MILE.

FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE. BARO-VNAV NA WHEN USING WILLIAMSON CO RGNL ALTIMETER SETTING. VDP NA WHEN USING WILLIAMSON CO RGNL ALTIMETER SETTING.

FOR INOPERATIVE MALSR WHEN USING WILLIAMSON CO RGNL ALTIMETER SETTING, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

TAA

	FROM	TO	ALT
1.	092/30 CW 272/30 (NOPT)	HEMPA (IF/IAF) (FB)	2700
2.	272/30 CW 002/30	FOGBO (IAF) (FB)	2700
3.	002/30 CW 092/30	ELUME (IAF) (FB)	2700

CITY AND STATE

CARBONDALE/MURPHYSBORO, IL

ELEVATION: 411

TDZE: 407

AIRPORT NAME:

SOUTHERN ILLINOIS

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, ORIG

08 APR 2010

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]

QUALITY
1
CHECKED

PAGE 3 OF 3 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 23, 31 - STANDARD

RWY 05 - 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 217 FT PER NM TO 1000 OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DEPARTURE END OF RUNWAY.

RWY 13 - 600-3 OR STANDARD WITH A MINIMUM CLIMB OF 300 FT PER NM TO 1300.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 13 - CLIMB HEADING 129.63 TO 1100 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 05, VEHICLE ON ROAD 98 FEET FROM DER, 379 FEET LEFT OF CENTERLINE, UP TO 15 FEET AGL/599 FEET MSL. VEHICLE ON ROAD 453 FEET FROM DER, 602 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/599 FEET MSL. TREES BEGINNING 500 FEET FROM DER, 627 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/654 FEET MSL. POLE 878 FEET FROM DER, 44 FEET RIGHT OF CENTERLINE, 22 FEET AGL/602 FEET MSL. TREES BEGINNING 853 FEET FROM DER, 597 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/734 FEET MSL. RISING TERRAIN BEGINNING 1.7 NM FROM DER, 68 FEET LEFT OF CENTERLINE, UP TO 834 FEET MSL. NOTE: RWY 13, VEHICLE ON ROAD 39 FEET FROM DER, 491 FEET RIGHT OF CENTERLINE, UP TO 15 FEET AGL/589 FEET MSL. VEHICLE ON ROAD 177 FEET FROM DER, 512 FEET LEFT OF CENTERLINE, UP TO 15 FEET AGL/584 FEET MSL. (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 05: 734 MSL TREE 413147.01N-0880917.68W. 834 MSL AAO 413225.50N-0880849.18W.

RWY 13: 1065 MSL STACK 412943.00N-0880728.00W. 936 MSL STACK 413032.00N-0880820.00W.



(5) City, State JOLIET, IL	(6) Airport JOLIET REGIONAL	(7) Effective Date 08 APR 2010	(8) Amdt. No. 4

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 13, TOWER 2.0 NM FROM DER, 2601 FEET RIGHT OF CENTERLINE, 420 FEET AGL/973 FEET MSL. BUILDING 567 FEET FROM DER, 270 FEET RIGHT OF CENTERLINE, 28 FEET AGL/602 FEET MSL. NOTE RWY 23, VEHICLE ON ROAD BEGINNING 8 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FEET AGL/594 FEET MSL. TREES BEGINNING 195 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FEET AGL/709 FEET MSL. NOTE: RWY 31, BUILDINGS BEGINNING 4 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FEET AGL/606 FEET MSL. TREES BEGINNING 135 FEET FROM DER, LEFT AND RIGHT ON CENTERLINE, UP TO 100 FEET AGL/675 FEET MSL. VEHICLE ON ROAD BEGINNING 93 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 17 FEET AGL/594 FEET MSL. POLES BEGINNING 138 FEET FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 50 FEET AGL/628 FEET MSL.



City, State JOLIET, IL		Airport JOLIET REGIONAL		Effective Date 08 APR 2010	Amdt. No. 4
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									
FWA VORTAC	LABIC (FO)	318.30 / 12.31	3000	LPV: DA LNAV/VNAV: DA LNAV: RW14 CLIMB TO 3000 DIRECT CABAC AND HOLD.								
LABIC (IF/IAF)	MUPUE (FB)	137.63 / 6.10	2500									
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 317.87 INBOUND. CHART FAS OBST: 901 TREE 405959N/0851254W FAS OBST: 1069 AAO 410240N/0851735W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.46 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 86417 REFERENCE PATH ID: W14A CHART: ASR								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												
2. HOLD NW LABIC, RT, 137.63 INBOUND, 3000 FT. IN LIEU OF PT (IAF)												
3. FAC: <u>137.70</u> FAF: <u>MUPUE</u> DIST FAF TO MAP: <u>5.10</u> THLD: <u>5.10</u>												
4. MIN. ALT: LABIC 3000, MUPUE 2500												
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____												
6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>MUPUE 2500</u> OM: _____ MM: _____ IM: _____												
7. GS ANGLE: <u>3.00</u> TCH: <u>52.7</u> <u>34:1 IS CLEAR</u>												
8. MSA FROM: <u>RW14 2700</u>				MAG VAR: <u>3W</u> EPOCH YEAR: <u>1985</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
LPV DA	1002	3/4	200	1002	3/4	200	1002	3/4	200	1002	3/4	200
LNAV/VNAV DA	1199	1 1/4	397	1199	1 1/4	397	1199	1 1/4	397	1199	1 1/4	397
LNAV MDA	1320	1	518	1320	1	518	1320	1 1/2	518	1320	1 3/4	518
CIRCLING	1320	1	506	1320	1	506	1320	1 1/2	506	1380	2	566
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FWA VORTAC AIRWAY RADIALS 279 CW 016.												
CITY AND STATE		ELEVATION: 814 TDZE: 802		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
FORT WAYNE, IN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 14, AMDT 1			AMDT: ORIG			
		FORT WAYNE INTL				08 APR 2010			DATED 01/20/2005			

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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFWA
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	405938.8690N
LTP/FTP LONGITUDE	0851213.1830W
LTP/FTP ELLIPSOIDAL HEIGHT	+02110
FPAP LATITUDE	405833.9000N
FPAP LONGITUDE	0851049.6400W
THRESHOLD CROSSING HEIGHT (TCH)	00052.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER E4401DBE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02443
FPAP ORTHOMETRIC HEIGHT	+02443

QUALITY
2
CHECKED

CITY AND STATE FORT WAYNE, IN	ELEVATION: 814 TDZE: 802 AIRPORT NAME: FORT WAYNE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 08 APR 2010	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]

QUALITY
1
CHECKED

CITY AND STATE FORT WAYNE, IN	ELEVATION: 814 TDZE: 802	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME: FORT WAYNE INTL			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]

QUALITY
1
CHECKED

CITY AND STATE FORT WAYNE, IN	ELEVATION: 814 TDZE: 802	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME: FORT WAYNE INTL			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		LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 3000 DIRECT LABIC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 137.63 INBOUND. CHART FAS OBST: 1000 ATC TWR 405820N/0851116W FAS OBST: 1019 AAO 405516N/0850755W CHART: ASR DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.28 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 82417 REFERENCE PATH ID: W32A							
FWA VORTAC		CABAC (FO)		137.13 / 10.70				3000									
CABAC (IF/IAF)		DABYA (FB)		317.87 / 6.01				2300									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE CABAC, RT, 317.87 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>317.81</u> FAF: <u>DABYA</u> DIST FAF TO MAP: <u>4.49</u> THLD: <u>4.49</u> 4. MIN. ALT: <u>CABAC 3000, DABYA 2300</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>2300</u> GS ALT AT: <u>DABYA 2300</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.6</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW32 2700</u>										MAG VAR: 3W		EPOCH YEAR: 1985					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1000	2400	200	1000	2400	200	1000	2400	200	1000	2400	200					
LNAV/VNAV DA	1250	5000	450	1250	5000	450	1250	5000	450	1250	5000	450					
LNAV MDA	1280	2400	480	1280	2400	480	1280	4000	480	1280	5000	480					
CIRCLING	1300	1	486	1300	1	486	1300	1 1/2	486	1380	2	566					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FWA VORTAC AIRWAY RADIALS 091 CW 192.																	
CITY AND STATE				ELEVATION: 814 TDZE: 800				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
FORT WAYNE, IN				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 32, AMDT 1				AMDT: ORIG	
				FORT WAYNE INTL								08 APR 2010				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 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFWA
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W32A
REFERENCE PATH IDENTIFIER (APPROACH ID) 405841.0090N
LTP/FTP LATITUDE 0851059.1000W
LTP/FTP LONGITUDE +02094
LTP/FTP ELLIPSOIDAL HEIGHT 405936.7700N
FPAP LATITUDE 0851213.3200W
FPAP LONGITUDE 00055.6
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0008
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 35.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

C6176B68

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02427
FPAP ORTHOMETRIC HEIGHT +02427

QUALITY
2
CHECKED

CITY AND STATE
FORT WAYNE, IN

ELEVATION: 814 TDZE: 800
AIRPORT NAME:
FORT WAYNE INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, AMDT 1
08 APR 2010

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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFWAK5FR32	AFWA	010FWA	K5D	OV	IF					18000		A	JS
SUSAP KFWAK5FR32	AFWA	020CABACK5EA0EY	020TF			13710107		+ 03000				A	JS
SUSAP KFWAK5FR32	AFWA	030CABACK5EA0EE	AR	HF		31790040		+ 03000				A	JS
SUSAP KFWAK5FR32	R	010CABACK5EA0E	I	IF				+ 03000		18000		A	JS
SUSAP KFWAK5FR32	R	020DABYAK5EA1E	F	051TF		31790060		+ 02300			RW32	K5PGA	JS
SUSAP KFWAK5FR32	R	020DABYAK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KFWAK5FR32	R	030RW32	K5PGOGY	M	031TF	31780045		00852		-300		A	JS
SUSAP KFWAK5FR32	R	040		0	M	010CA	3178		+ 01000			A	JS
SUSAP KFWAK5FR32	R	050LABICK5EA0EY	010DF					+ 03000				A	JS
SUSAP KFWAK5FR32	R	060LABICK5EA0EE	R020HM			13760040		+ 03000				A	JS

[illegible]

QUALITY
1
CHECKED

CITY AND STATE FORT WAYNE, IN	ELEVATION: 814 TDZE: 800 AIRPORT NAME: FORT WAYNE INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 08 APR 2010	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.

QUALITY
1
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				
MIE VOR/DME	IFECA (FO)	024.46 / 11.87	2800	LNAV: RW20 CLIMBING LEFT TURN TO 2800 DIRECT IFECA AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1133 TOWER 401846N/0852215W CHART VDP AT 1.34 MILES TO RW20. CIKEP TO RW20: 3.04/40.			
NOMPE (IAF)	IFECA (NOPT) (FB)	114.85 / 5.00	2800				
UHZAW (IAF)	IFECA (NOPT) (FB)	294.99 / 5.00	2800				
IFECA (IF/IAF)	CIKEP (FB)	204.92 / 6.10	2600				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)							
2. HOLD NE IFECA, RT, 204.92 INBOUND, 2800 FT. IN LIEU OF PT (IAF)							
3. FAC: 204.89 FAF: CIKEP _____ DIST FAF TO MAP: 5.03 THLD: 5.03							
4. MIN. ALT: IFECA 2800, CIKEP 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: RW20 2900							

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	1400	1	465	1400	1	465	1400	1 1/4	465	1400	1 1/2	465			
CIRCLING	1460	1	523	1460	1	523	1460	1 1/2	523	1500	2	563			

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 FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT C AND D
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MUNCIE, IN	ELEVATION: 937 TDZE: 935	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: DELAWARE COUNTY-JOHNSON FIELD			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.

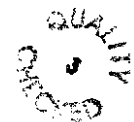
NOTES CONT.

VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME AIRWAY RADIALS 015 CW 063.

CHART NOTE: VDP NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT NOMPE OR UHZAW.



CITY AND STATE MUNCIE, IN	ELEVATION: 937 TDZE: 935	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: DELAWARE COUNTY-JOHNSON FIELD			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 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: MIE VOR/DME						
													CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 2600 DIRECT MIE VOR/DME AND HOLD.						
													ADDITIONAL FLIGHT DATA: HOLD N, RT, 201.05 INBOUND. CHART FAS OBST: 1131 TOWER 401642N/0852052W CHART VDP AT 2.21 DME; DISTANCE VDP TO THLD 1.46 MILES. FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.						
1. PT <u>L</u> SIDE OF COURSE <u>021.05</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>MIE VOR/DME</u> (IAF) 2. _____ 3. FAC <u>201.05</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>DUNKI INT/MIE 3.00 DME 1500*</u> 8. MSA FROM: <u>MIE VOR/DME 2900</u>										MAG VAR: <u>3W</u> EPOCH YEAR: <u>1985</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-20	1500	1	565	1500	1	565	1500	1 1/2	565	1500	1 3/4	565							
CIRCLING	1500	1	563	1500	1	563	1500	1 1/2	563	1500	2	563							
DUNKI FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)																			
S-20	1440	1	505	1440	1	505	1440	1 1/2	505	1440	1 1/2	505							
CIRCLING	1460	1	523	1460	1	523	1460	1 1/2	523	1500	2	563							
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *1640 WHEN USING FORT WAYNE INTL ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE S-20 CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT C SEE 8260-10																			
CITY AND STATE				ELEVATION: 937 TDZE: 935				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR GPS RWY			
MUNCIE, IN				AIRPORT NAME:				MIE				VOR RWY 20, AMDT 14				20			
				DELAWARE COUNTY-JOHNSON FIELD								08 APR 2010				AMDT 13			
																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.

NOTES CONT.

VISIBILITY 1/2 MILE, CAT D VISIBILITY 1/4 MILE. DUNKI FIX MINIMUMS: INCREASE S-20 CAT C

VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE, INCREASE CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: MIN ALT 2600 AT MIE VOR/DME.

CHART NOTE: VDP NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING.

CITY AND STATE

MUNCIE, IN

ELEVATION: 937

TDZE: 935

AIRPORT NAME:

DELAWARE COUNTY-JOHNSON FIELD

FACILITY
IDENTIFIER:

MIE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 20, AMDT 14

08 APR 2010

SUP: VOR OR GPS RWY
20

AMDT: 13

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 9, 18L, 18C, 18R, 27, 36L, 36C, 36R, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 4562' FROM DER, 900' LEFT OF CENTERLINE, UP TO 94' AGL/1003' MSL. TREES 3385' FROM DER, 1117' RIGHT OF CENTERLINE, UP TO 59' AGL/988' MSL. **NOTE: RWY 18C**, TREES BEGINNING 1882' FROM DER, 834' LEFT OF CENTERLINE, UP TO 75' AGL/974' MSL. TREES 3473' FROM DER, 904' RIGHT OF CENTERLINE, UP TO 70' AGL/929' MSL. **NOTE: RWY 18R**, TREES BEGINNING 3221' FROM DER, 895' LEFT OF CENTERLINE, UP TO 85' AGL/964' MSL. **NOTE: RWY 36C**, TREES BEGINNING 956' FROM DER, 613' RIGHT OF CENTERLINE, UP TO 94' AGL/963' MSL. **NOTE: RWY 36R**, LIGHT POLE 1476' FROM DER, 813' LEFT OF CENTERLINE, 47' AGL/926' MSL. TREES 1602' FROM DER, 754' RIGHT OF CENTERLINE, UP TO 59' AGL/938' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
9
CHECKED

(5) City, State

COVINGTON, KY

(6) Airport

CINCINNATI/NORTHERN KENTUCKY INTL

(7) Effective Date

08 APR 2010

(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 1, STANDARD

RWY 3, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 225' PER NM TO 1600.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, TOWER 2.6 NM FROM DER, 1674' RIGHT OF CENTERLINE, 415' AGL/1425' MSL. TREES BEGINNING 33' FROM DER, 494' LEFT OF CENTERLINE, UP TO 100' AGL/1029' MSL. TREES BEGINNING 271' FROM DER, 568' RIGHT OF CENTERLINE, UP TO 100' AGL/1019' MSL.

NOTE: RWY 21, TREES BEGINNING AT DER, 289' LEFT OF CENTERLINE, UP TO 100' AGL/1149' MSL. TREES BEGINNING 301' FROM DER, 380' RIGHT OF CENTERLINE, UP TO 100' AGL/1109' MSL.

(4) CONTROLLING OBSTACLES:

RWY 3: 1425 MSL TOWER 380601.55N/0835644.15W

QUALITY
6
C

(5) City, State

MOUNT STERLING, KY

(6) Airport

MT STERLING-MONTGOMERY COUNTY

(7) Effective Date

08 APR 2010

(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 13, 18, 31, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 31: CLIMB HEADING 311.51 TO 700 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TREES BEGINNING 1260' FROM DER, 125' LEFT OF CENTERLINE, UP TO 119' AGL/163' MSL. TREES BEGINNING 1314' FROM DER, 186' RIGHT OF CENTERLINE, UP TO 124' AGL/168' MSL. NOTE: RWY 18, ANTENNA ON BUILDING 844' FROM DER, 239' RIGHT OF CENTERLINE, 22' AGL/66' MSL. OBSTRUCTION LIGHT ON POLE 1020' FROM DER, 141' RIGHT OF CENTERLINE, 23' AGL/67' MSL. TREES BEGINNING 1556' FROM DER, 430' LEFT OF CENTERLINE, UP TO 92' AGL/136' MSL. TREES BEGINNING 1747' FROM DER, 64' RIGHT OF CENTERLINE, UP TO 110' AGL/149' MSL. NOTE: RWY 31, TREES BEGINNING 216' FROM DER, 13' LEFT OF CENTERLINE, UP TO 109' AGL/158' MSL. TREES BEGINNING 566' FROM DER, 386' RIGHT OF CENTERLINE, UP TO 100' AGL/154' MSL. NOTE: RWY 36, TREE 3072' FROM DER, 879' LEFT OF CENTERLINE, (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 31: 607 MSL TOWER 303230.00N/0902903.00W



(5) City, State HAMMOND, LA	(6) Airport HAMMOND NORTSHORE RGNL	(7) Effective Date 08 APR 2010	(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.

QUALITY
1
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.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW32 CLIMBING RIGHT TURN TO 3000 DIRECT ENE VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 242.00 INBOUND. CHART FAS OBST: 399 TREE 432215N/0704012W CHART 410 TOWER 432138N/0703507W. CHART P67. RYDER TO RW32: 3.04/34.											
PSM VOR/DME	ARMIE (FB)	078.57 / 15.95	3000												
ARMIE (IAF)	SACTO (FB)	041.68 / 5.69	2000												
MESHL (IAF)	SACTO (FB)	280.93 / 12.99	2000												
SACTO (IF)	RYDER (FB)	316.08 / 6.63	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 SACTO <u> </u> 3. FAC: <u>315.99</u> FAF: <u>RYDER</u> DIST FAF TO MAP: <u>5.37</u> THLD: <u>5.37</u> 4. MIN. ALT: <u>SACTO 2000, RYDER 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>RW32 3600</u>				MAG VAR: <u>17W</u> EPOCH YEAR: <u>1990</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	DH/MDA	VIS	HAT/HAA
LNAV MDA	660	1	421	660	1	421	660	1 1/4	421	660	1 1/4	421			
CIRCLING	760	1	516	760	1	516	760	1 1/2	516	860	2	616			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSM VOR/DME ON V3 SOUTHBOUND, ARRIVALS AT ARMIE ON V167 SOUTHBOUND, AND ARRIVALS AT MESHL ON V268 NORTHEAST BOUND. SEE 8260-10															
CITY AND STATE SANFORD, ME		ELEVATION: 244 TDZE: 239 AIRPORT NAME: SANFORD REGIONAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 08 APR 2010				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 ROCHESTER ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE LNAV CAT D VISIBILITY 1/4 MILE.

QUALITY
CHECKED

CITY AND STATE

SANFORD, ME

ELEVATION: 244 TDZE: 239

AIRPORT NAME:

SANFORD REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, ORIG

08 APR 2010

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 KSFMK6FR32	AARMIE	010AARMIEK6EA0E	A	IF						18000		B JS	
SUSAP KSFMK6FR32	AARMIE	020SACTOK6EA0EE	B	010TF			04170057	+	02000			B JS	
SUSAP KSFMK6FR32	AMESHL	010MESHLK6EA0E	A	IF						18000		B JS	
SUSAP KSFMK6FR32	AMESHL	020SACTOK6EA0EE	B	010TF			28090130	+	02000			B JS	
SUSAP KSFMK6FR32	APSM	010PSM K6D 0V		IF						18000		B JS	
SUSAP KSFMK6FR32	APSM	020AARMIEK6EA0E	A	020TF			07860160	+	03000			B JS	
SUSAP KSFMK6FR32	APSM	030SACTOK6EA0EE	B	010TF			04170057	+	02000			B JS	
SUSAP KSFMK6FR32	R	010SACTOK6EA0E	I	IF				+	02000	18000		B JS	
SUSAP KSFMK6FR32	R	020RYDERK6EA1E	F	051TF			31610066	+	02000		RW32 K6PGB	JS	
SUSAP KSFMK6FR32	R	020RYDERK6EA2WN			N	ALNAV						JS	
SUSAP KSFMK6FR32	R	030RW32 K6PG0GY	M	031TF			31600054		00265		-304	B JS	
SUSAP KSFMK6FR32	R	040	0	M 010CA			3160	+	00644			B JS	
SUSAP KSFMK6FR32	R	050ENE K6D 0VY	R010DF					+	03000			B JS	
SUSAP KSFMK6FR32	R	060ENE K6D 0VE	L020HM				24200040	+	03000			B JS	

QUALITY
6
CHECKED

CITY AND STATE SANFORD, ME	ELEVATION: 244 TDZE: 239 AIRPORT NAME: SANFORD REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 08 APR 2010	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.

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

SUSAP	KSFMK6GRW32	0049993159	N43233737W070415223	+0300		+0043600231000034100R							

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

SUSAP	KSFMK6SRW32	K6PG	0	18018003625								M	

QUALITY
6
CHECKED

CITY AND STATE
SANFORD, ME

ELEVATION: 244 TDZE: 239
AIRPORT NAME:
SANFORD REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, ORIG
08 APR 2010

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 1, 19, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 19, TREES BEGINNING 2582' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/1269' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State

MARQUETTE, MI

(6) Airport

SAWYER INTERNATIONAL

(7) Effective Date

08 APR 2010

(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												
IDJ VOR/DME	BUNAN LOM	132.37 / 5.21	3200	ILS: DA LOC: 5.18 MILES AFTER BUNAN LOM CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3200 DIRECT BUNAN LOM AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 4500 VIA HEADING 176.00 AND PKD R-356 TO PKD VOR/DME AND HOLD SE, RT, 306.00 INBOUND. ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE PKD VOR/DME, RT, 306.00 INBOUND. CHART FAS OBST: 1469 TREE 472942N/0945455W CHART 1859 OL ON TV MAST 472653N/0944932W CHART IN PLANVIEW: PKD VOR/DME. **DME FROM IDJ VOR/DME.											
PKD VOR/DME (IAF)	COSVO INT/IDJ 16.71 DME	031.74 / 30.64	3400												
COSVO INT/IDJ 16.71 DME (IF)	BUNAN LOM	310.01 / 11.50 (I-MDI)	3200												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>HOLD SE BUNAN LOM, RT, 310.01 INBOUND, 3200 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>310.01</u> FAF: <u>BUNAN LOM</u> DIST FAF TO MAP: <u>5.18</u> THLD: <u>5.18</u> 4. MIN. ALT: <u>BUNAN LOM 3200, SUGUE/IDJ 1.25 DME 1840*</u> 5. DIST TO THLD FROM OM: <u>5.18</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>828</u> 6. MIN GS INCPT: <u>3200</u> GS ALT AT: <u>GS INTCP</u> OM: <u>3057</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.1</u> 8. MSA FROM: <u>MD LOM 3500</u>				MAG VAR: 4E EPOCH YEAR: 1990											
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	1589	1/2	200	1589	1/2	200	1589	1/2	200	1589	1/2	200			
S-LOC 31	1840	1/2	451	1840	1/2	451	1840	3/4	451	1840	1	451			
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			
SUGUE FIX MINIMUMS**															
S-LOC 31	1780	1/2	391	1780	1/2	391	1780	1/2	391	1780	3/4	391			
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			
NOTES: CHART NOTE: ADF REQUIRED. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2093. *LOC ONLY *NA WHEN USING PARK RAPIDS ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 1391 TDZE: 1389		FACILITY IDENTIFIER: I-MDI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
BEMIDJI, MN		AIRPORT NAME: BEMIDJI RGNL				ILS OR LOC RWY 31, AMDT 5				AMDT: 4A					
						08 APR 2010				DATED 03/12/2009					

QUALITY
2
CHECKED

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 PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT IDJ VOR/DME.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PKD VOR/DME VIA V175 SOUTHBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE DA 93 FEET AND ALL MDA 100 FEET, INCREASE S-LOC 31 CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PARK RAPIDS ALTIMETER SETTING, INCREASE S-ILS 31 ALL CATS VISIBILITY TO 1 MILE.

CHART NOTE: SUGUE FIX MINIMUMS NA WHEN USING PARK RAPIDS ALTIMETER SETTING.

QUALITY
6
CHECKED

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391

TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

I-MDI

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 31, AMDT 5

08 APR 2010

SUP:

AMDT: 4A

DATED: 03/12/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	
IDJ VOR/DME	BODAC/6.30 DME	067.93 / 5.32	3500	ILS: DA LOC: I-BJI 1.12 DME FIX
CADAR/14.44 DME (IF)	BODAC/6.30 DME	250.00 / 8.13 (I-BJI)	3100	CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3400 VIA PKD VOR/DME R-359 TO CELIS/PKD 30.00 DME AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.64 INBOUND. CHART FAS OBST: 1459 TREE 473104N/0945409W CHART 1842 TOWER 473110N/0944804W CHART BEAVER MOA. CHART VDP AT 2.04 DME*; *LOC ONLY DISTANCE VDP TO THLD 0.92 MILES.

- PT L SIDE OF COURSE 070.00 OUTBOUND 3500 FT WITHIN 10 MILES OF BODAC (IAF)
-
- FAC: 250.00 FAF: BODAC/6.30 DME DIST FAF TO MAP: THLD: 5.18
- MIN. ALT: BODAC 3100, KAKVE/2.79 DME 1960*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 850
- MIN GS INCPT: 3100 GS ALT AT: BODAC/6.30 DME 3100 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 46.4
- MSA FROM: IDJ VOR/DME 3500

MAG VAR: 4E 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-ILS 25	1589	3/4	200	1589	3/4	200	1589	3/4	200	1589	3/4	200				
S-LOC 25	1720	1	331	1720	1	331	1720	1	331	1720	1	331				
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569				

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: USE I-BJI DME WHEN ON THE LOCALIZER COURSE.
SEE 8260-10

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: I-BJI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 25, AMDT 1 08 APR 2010	SUP: AMDT: ORIG DATED 10/25/2007

QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

*LOC ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE DA 93 FEET AND ALL MDA 100 FEET, INCREASE S-ILS 25 ALL CATS VISIBILITY AND S-LOC 25 CAT

C VISIBILITY 1/4 MILE, S-LOC 25 CAT D VISIBILITY 1/2 MILE.

CHART NOTE: VDP NA WITH PARK RAPIDS ALTIMETER SETTING.

QUALITY
2
CHECKED

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

I-BJI

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 25, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 10/25/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: LEYVWDJ 1.15 DME						
IDJ VOR/DME		WASOS/6.35 DME		302.78 / 6.35				3100		CLIMB TO 3100 DIRECT IDJ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 302.78 INBOUND. CHART FAS OBST: 1529 TREE 473218N/0945919W CHART VDP AT 2.22 DME; DISTANCE VDP TO THLD 1.08 MILES. WASOS TO RW13: 3.01/45. FAC CROSSES RWY C/L EXTENDED 2996 FROM THLD.						
1. PT <u> L </u> SIDE OF COURSE <u> 302.78 </u> OUTBOUND <u> 3100 </u> FT WITHIN <u> 10 </u> MILES OF <u> WASOS </u> (IAF) 2. _____ 3. FAC <u> 122.78 </u> FAF <u> WASOS/6.35 DME </u> DIST FAF TO MAP _____ THLD <u> 5.20 </u> 4. MIN. ALT <u> WASOS 3100, VENUC/2.92 DME 2000 </u> 8. MSA FROM: <u> IDJ VOR/DME 3500 </u>										MAG VAR: 4E				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		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-13		1780	3/4	389	1780	3/4	389	1780	3/4	389	1780	1	389			
CIRCLING		1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. CHART NOTE: VDP NA WITH PARK RAPIDS ALTIMETER SETTING. SEE 8260-10																
CITY AND STATE		ELEVATION: 1391		TDZE: 1391		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP				
BEMIDJI, MN		AIRPORT NAME:		BEMIDJI RGNL		IDJ		VOR/DME RWY 13, ORIG 08 APR 2010				AMDT NONE				
												DATE				



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

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

NOTES CONT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-13 CATS A, B, AND C VISIBILITY TO 1 MILE AND CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PARK RAPIDS ALTIMETER SETTING, INCREASE S-13 CATS A AND B VISIBILITY TO 1 MILE.



CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1391 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: IDJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 13, ORIG 08 APR 2010	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: TECOC/IDJ 0.09 DME							
IDJ VOR/DME		ZIVNA/5.34 DME		148.00 / 5.34				3100		CLIMB TO 3100 DIRECT IDJ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 148.00 INBOUND. CHART FAS OBST: 1519 TREE 472929N/0945455W CHART 1740 TOWER 472500N/0945223W CHART VDP AT 1.17 DME; DISTANCE VDP TO THLD 1.10 MILES. ZIVNA TO RW31: 3.00/45. FAC CROSSES RWY C/L EXTENDED 3710 FROM THLD.							
1. PT <u>L</u> SIDE OF COURSE <u>148.00</u> OUTBOUND <u>3100</u> FT WITHIN <u>10</u> MILES OF <u>ZIVNA</u> (IAF) 2. _____ 3. FAC <u>328.00</u> FAF <u>ZIVNA/5.34 DME</u> DIST FAF TO MAP _____ THLD <u>5.25</u> 4. MIN. ALT <u>ZIVNA 3100, YURPU/1.83 DME 1980</u> 8. MSA FROM: <u>IDJ VOR/DME 3500</u>										MAG VAR: 4E				EPOCH YEAR: 1990			
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	
S-31		1780	1/2	391	1780	1/2	391	1780	1/2	391	1780	1	391				
CIRCLING		1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569				
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-31 CAT C VISIBILITY 1/4 MILE. CHART NOTE: VDP NA WITH PARK RAPIDS ALTIMETER SETTING. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-31 CAT D VISIBILITY TO 1 1/4 MILE.																	
CITY AND STATE				ELEVATION: 1391 TDZE: 1389				FACILITY IDENTIFIER:				PROCEDURE NO./AMD NO./EFFECTIVE DATE:				SUP	
BEMIDJI, MN				AIRPORT NAME:				IDJ				VOR/DME RWY 31, ORIG				AMDT NONE	
				BEMIDJI RGNL								08 APR 2010				DATE	

QUALITY
 6
 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: EZZ NDB							
BQS VOR/DME STJ VORTAC		EZZ NDB		284.99 / 19.32				2600		CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2600 DIRECT EZZ NDB AND HOLD.							
		EZZ NDB		106.46 / 33.20				2700									
										ADDITIONAL FLIGHT DATA: HOLD S. RT, 003.75 INBOUND. FAS OBST: 1249 AAO 394033N/0941852W CEHGA TO RW35: 2.92/40 FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.							
1. PT <u>L</u> SIDE OF COURSE <u>183.75</u> OUTBOUND <u>2600</u> FT WITHIN <u>10</u> MILES OF <u>EZZ NDB</u> (IAF) 2. _____ 3. FAC <u>003.75</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN ALT <u>CEHGA INT 1860</u> 8. MSA FROM: <u>EZZ NDB 010-220 2500, 220-010 3100</u>														MAG VAR: 3E		EPOCH YEAR: 2000	
MINIMUMS																	
TAKEOFF: _____		STANDARD ☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA ☒									
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-35	1860	1	825	1860	1 1/4	825		NA			NA						
CIRCLING	1860	1	820	1860	1 1/4	820		NA			NA						
CEHGA FIX MINIMUMS																	
S-35	1640	1	605	1640	1	605		NA			NA						
CIRCLING	1740	1	700	1740	1	700		NA			NA						
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE KANSAS CITY INTL ALTIMETER SETTING.																	
CITY AND STATE CAMERON, MO				ELEVATION: 1040 TDZE: 1035 AIRPORT NAME: CAMERON MEMORIAL				FACILITY IDENTIFIER: EZZ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 35, AMDT 3 08 APR 2010				SUP AMDT 2 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	
FEGZI (IAF)	EDUWU (NOPT) (FB)	081.45 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 3000 DIRECT VANHI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 351.54 INBOUND. CHART FAS OBST: 1226 TOWER 394518N/0941655W 1227 AAO 394903N/0941827W DISTANCE TO THLD FROM 328 HAT: 0.90 NM. WAAS CHANNEL # 82017 REFERENCE PATH ID: W17A
PVOZ (IAF)	EDUWU (NOPT) (FB)	261.59 / 5.00	3000	
EDUWU (IF/IAF)	APVIW (FB)	171.52 / 5.00	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N EDUWU, RT, 171.52 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 171.52 FAF: APVIW DIST FAF TO MAP: 5.02 THLD: 5.02
- MIN. ALT: EDUWU 3000, APVIW 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: APVIW 2700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1368	1 1/4	328	1368	1 1/4	328		NA			NA				
LNAV/VNAV DA	1621	2	581	1621	2	581		NA			NA				
LNAV MDA	1560	1	520	1560	1	520		NA			NA				
CIRCLING	1740	1	700	1740	1	700		NA			NA				

NOTES:
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART NOTE: USE KANSAS CITY INTL ALTIMETER SETTING.

CITY AND STATE CAMERON, MO	ELEVATION: 1040 TDZE: 1040 AIRPORT NAME: CAMERON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED 06/15/2000

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.

TAA

	FROM	TO	ALT
1.	081/30 CW 262/30 (NOPT)	EDUWU (IF/IAF) (FB)	3000
2.	262/30 CW 352/30	PUVOZ (IAF) (FB)	3000
3.	352/30 CW 081/30	FEGZI (IAF) (FB)	3100

CITY AND STATE

CAMERON, MO

ELEVATION: 1040 TDZE: 1040

AIRPORT NAME:

CAMERON MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 06/15/2000

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEZZ
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	394358.8910N
LTP/FTP LONGITUDE	0941637.4030W
LTP/FTP ELLIPSOIDAL HEIGHT	+02845
FPAP LATITUDE	394230.1200N
FPAP LONGITUDE	0941626.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

B81F25F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03170
FPAP ORTHOMETRIC HEIGHT	+03170

CITY AND STATE

CAMERON, MO

ELEVATION: 1040 TDZE: 1040
AIRPORT NAME:
CAMERON MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 1
08 APR 2010

SUP:

AMDT: ORIG

DATED: 06/15/2000

QUALITY
9
CHECKED

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KEZZK3FR17	AEDUWU	010EDUWUK3EA0EE	AR	HF		17150040		+ 03000	18000			A JS	
SUSAP KEZZK3FR17	AFEGZI	010FEGZIK3EA0E	A	IF					18000			A JS	
SUSAP KEZZK3FR17	AFEGZI	020EDUWUK3EA0EE	B	010TF		08150050		+ 03000				A JS	
SUSAP KEZZK3FR17	APUVOZ	010PUVOZK3EA0E	A	IF					18000			A JS	
SUSAP KEZZK3FR17	APUVOZ	020EDUWUK3EA0EE	B	010TF		26160050		+ 03000				A JS	
SUSAP KEZZK3FR17	R	010EDUWUK3EA0E	I	IF				+ 03000	18000			A JS	
SUSAP KEZZK3FR17	R	020APVIWK3EALE	F	051TF		17150050		+ 02700				A JS	
SUSAP KEZZK3FR17	R	020APVIWK3EA2WALPV			ALNAV/VNAV							JS	
SUSAP KEZZK3FR17	R	030RW17 K3PG0GY	M	031TF		17150050		01080		-300		A JS	
SUSAP KEZZK3FR17	R	040	0	M	010CA	1715		+ 01368				A JS	
SUSAP KEZZK3FR17	R	050VANHIK3EA0EY		010DF				+ 03000				A JS	
SUSAP KEZZK3FR17	R	060VANHIK3EA0EE		R020HM		35150040		+ 03000				A JS	

[illegible][illegible]

QUALITY
CHECKED

PAGE 4 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]

QUALITY
6
CHECKED

CITY AND STATE CAMERON, MO	ELEVATION: 1040 TDZE: 1040	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 08 APR 2010	SUP:
	AIRPORT NAME: CAMERON MEMORIAL			AMDT: ORIG
				DATED: 06/15/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
AKZUB (IAF)	VANHI (NOPT) (FB)	261.61 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 3000 DIRECT EDUWU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 171.52 INBOUND. CHART FAS OBST: 1136 TREE 394230N/0941642W FAS OBST: 1197 AAO 393919N/0941716W DISTANCE TO THLD FROM 328 HAT: 0.94 NM. WAAS CHANNEL # 77717 REFERENCE PATH ID: W35A
IGITE (IAF)	VANHI (NOPT) (FB)	081.47 / 5.00	3000	
VANHI (IF/IAF)	OXIBE (FB)	351.54 / 5.00	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S VANHI, RT, 351.54 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 351.54 FAF: OXIBE DIST FAF TO MAP: 5.07 THLD: 5.07
- MIN. ALT: VANHI 3000, OXIBE 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: OXIBE 2700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:	☐ STANDARD ☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒ X												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1363	1 1/4	328	1363	1 1/4	328		NA			NA				
LNAV/VNAV DA	1515	1 3/4	480	1515	1 3/4	480		NA			NA				
LNAV MDA	1520	1	485	1520	1	485		NA			NA				
CIRCLING	1740	1	700	1740	1	700		NA			NA				

NOTES:
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART NOTE: USE KANSAS CITY INTL ALTIMETER SETTING.

CITY AND STATE	ELEVATION: 1040 TDZE: 1035	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CAMERON, MO	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 35, AMDT 1	AMDT: ORIG
	CAMERON MEMORIAL		08 APR 2010	DATED 06/15/2000

QUALITY
9
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.

TAA

	FROM	TO	ALT
1.	262/30 CW 081/30 (NOPT)	262/24 CW 081/24	3100
	262/24 CW 081/24	VANH1 (IF/AF) (FB)	3000
2.	081/30 CW 172/30	IGITE (IAF) (FB)	3100
3.	172/30 CW 262/30	AKZUB (IAF) (FB)	3000

QUALITY
9
CHECKED

CITY AND STATE

CAMERON, MO

ELEVATION: 1040 TDZE: 1035

AIRPORT NAME:

CAMERON MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 06/15/2000

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

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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KEZZ
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	394319.5375N
LTP/FTP LONGITUDE	0941632.5215W
LTP/FTP ELLIPSOIDAL HEIGHT	+02793
FPAP LATITUDE	394448.3100N
FPAP LONGITUDE	0941643.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 4F14F494

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03118
FPAP ORTHOMETRIC HEIGHT	+03118

QUALITY
9
CHECKED

CITY AND STATE CAMERON, MO	ELEVATION: 1040 TDZE: 1035 AIRPORT NAME: CAMERON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 06/15/2000

**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 unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - RNAV (GPS)

[illegible]

SUSAEAEENRT	AKZUB K30	W	N39334598W094085179	NAR	AKZUB
SUSAEAEENRT	EDUWU K30	W	N39535782W094175187	NAR	EDUWU
SUSAEAEENRT	IGITE K30	W	N39324882W094214422	NAR	IGITE
SUSAEAEENRT	OXIBE K30	W	N39381655W094155499	NAR	OXIBE
SUSAEAEENRT	VANH1 K30	W	N39331758W094151805	NAR	VANH1

[illegible]

SUSAP KEZZK3AEZZ	0	040YHN39433920W094163500E003001040	1800018000C	MNAR	CAMERON MEMORIAL

[illegible]

SUSAP	KEZZK3FR35	AAKZUB	010AKZUBK3EA0E	A	IF				18000	A	JS	
SUSAP	KEZZK3FR35	AAKZUB	020VANHIK3EA0EE	B	010TF	26160050	+	03000		A	JS	
SUSAP	KEZZK3FR35	AIGITE	010IGITEK3EA0E	A	IF				18000	A	JS	
SUSAP	KEZZK3FR35	AIGITE	020VANHIK3EA0EE	B	010TF	08150050	+	03000		A	JS	
SUSAP	KEZZK3FR35	AVANHI	010VANHIK3EA0EE	AR	HF	35150040	+	03000	18000	A	JS	
SUSAP	KEZZK3FR35	R	010VANHIK3EA0E	I	IF		+	03000	18000	A	JS	
SUSAP	KEZZK3FR35	R	020OXIBEK3EA1E	F	051TF	35150050	+	02700		A	JS	
SUSAP	KEZZK3FR35	R	020OXIBEK3EA2WALPV		ALNAV/VNAV	ALNAV					JS	
SUSAP	KEZZK3FR35	R	030RW35	K3PGGY	M	031TF	35150051		01063	-300	A	JS
SUSAP	KEZZK3FR35	R	040		M	010CA	3515	+	01363		A	JS
SUSAP	KEZZK3FR35	R	050EDUWUK3EA0EY		010DF		+	03000			A	JS
SUSAP	KEZZK3FR35	R	060EDUWUK3EA0EE		R020HM	17150040	+	03000			A	JS

[illegible]

SUSAP KEZZK3GRW35 0040003515 N39431954W094163252+0400 +02793010230000040075R

[illegible]

SUSAP KBZAK3PR35 RW35 001 0000W35A0N3943195375W09416325215+027930300N3944483100W09416435300106751528000400F4005004R14F494

QUALITY
CHECKED

CITY AND STATE
CAMERON, MO

ELEVATION: 1040 TDZE: 1035
AIRPORT NAME:
CAMERON MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
08 APR 2010

SUP:	
AMDT:	ORIG
DATED:	06/15/2000

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

[illegible]

QUALITY
CHECK

CITY AND STATE CAMERON, MO	ELEVATION: 1040 TDZE: 1035 AIRPORT NAME: CAMERON MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 06/15/2000

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 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING 31' FROM DER, 287' LEFT OF CENTERLINE, UP TO 7' AGL/1024' MSL. TREES BEGINNING 84' FROM DER, 428' RIGHT OF CENTERLINE, UP TO 61' AGL/1041' MSL.

NOTE: RWY 35, TREES AND RISING TERRAIN BEGINNING 36' FROM DER, 113' LEFT OF CENTERLINE, UP TO 30' AGL/ 1077' MSL. TREES AND RISING TERRAIN BEGINNING 79' FROM DER, 119' RIGHT OF CENTERLINE, UP TO 57' AGL/1105' MSL. BUILDINGS AND STACKS BEGINNING 711' FROM DER, 619' RIGHT OF CENTERLINE, UP TO 57' AGL/1082' MSL. TRAIN ON RAILROAD TRACKS 1636' FROM DER, LEFT AND RIGHT OF CENTERLINE, 23' AGL/1085' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
9
CHECKED

(5) City, State CAMERON, MO	(6) Airport CAMERON MEMORIAL	(7) Effective Date 08 APR 2010	(8) Amdt. No. ORIG

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: 4.55 MILES AFTER BRENZ LOW/INT/RADAR CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3500 DIRECT BRENZ LOW/INT/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3500 DIRECT JAN VORTAC AND HOLD NW, RT, 137.00 INBOUND. ADDITIONAL FLIGHT DATA: HOLD N, RT, 158.73 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW JAN VORTAC, RT, 137.00 INBOUND. CHART FAS OBST: 510 TOWER 322337N/0901523W CHART 527 TOWER 322427N/0901522W. CHART IN PLANVIEW: JAN VORTAC.			
JAN VORTAC	BRENZ LOW/INT/RADAR	215.08 / 7.39	2000				
RAKIN INT	BRENZ LOW/INT/RADAR	295.09 / 22.78	2400				
ROMAR INT	BRENZ LOW/INT/RADAR	350.35 / 19.05	3000				
AYMAN INT	BRENZ LOW/INT/RADAR	052.32 / 11.66	3000				
BLAKY INT	BRENZ LOW/INT/RADAR	116.32 / 13.28	2000				

1. PT <u>L</u> SIDE OF COURSE <u>338.73</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>BRENZ LOW</u> (IAF)	
2. _____	
3. FAC: <u>158.73</u> FAF: <u>BRENZ LOW/INT/RADAR</u> DIST FAF TO MAP: <u>4.55</u> THLD: <u>4.55</u>	
4. MIN. ALT: <u>BRENZ LOW/INT/RADAR 1900</u>	
5. DIST TO THLD FROM OM: <u>4.55</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1199</u>	
6. MIN GS INCP: <u>1900</u> GS ALT AT: <u>GS INTCP</u> OM: <u>1866</u> MM: <u>-</u> IM: <u>-</u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>55.6</u>	
8. MSA FROM: <u>JH LOW 3500</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 16	541	1/2	200	541	1/2	200	541	1/2	200	541	1/2	200			
S-LOC 16	760	1/2	419	760	1/2	419	760	3/4	419	760	3/4	419			
CIRCLING	840	1	499	840	1	499	840	1 1/2	499	920	2	579			

NOTES:
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON-EVERS INTL ALTIMETER SETTING; INCREASE ALL DA 19FT AND ALL MDA 20FT AND INCREASE S-LOC 16 CAT D VISIBILITY 1/4 MILE.
 CHART NOTE: GLIDESLOPE UNUSABLE WHEN CONTROL TOWER NOT OPERATIONAL, ONLY LOCALIZER MINIMUMS AUTHORIZED DURING THIS PERIOD.
 CHART NOTE: ADF REQUIRED.

@ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 341 TDZE: 341	FACILITY IDENTIFIER: IJHF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 16
JACKSON, MS	AIRPORT NAME: HAWKINS FIELD		ILS OR LOC RWY 16, AMDT 5	AMDT: 4
			08 APR 2010	DATED 11/16/1989

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												
UDODE (IAF)	OCARO (NOPT) (FB)	248.74 / 5.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 2000 DIRECT JILHO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 338.78 INBOUND. CHART FAS OBST: 531 TOWER 322259N/0901350W CHART FAS OBST: 516 TOWER 322123N/0901313W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.26 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 50316 REFERENCE PATH ID: W16A											
FOVAS (IAF)	OCARO (NOPT) (FB)	068.64 / 5.00	2000												
OCARO (IF/IAF)	GUGWA (FB)	158.69 / 6.02	1900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N OCARO, RT, 158.69 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>158.71</u> FAF: <u>GUGWA</u> DIST FAF TO MAP: <u>4.66</u> THLD: <u>4.66</u> 4. MIN. ALT: <u>OCARO 2000, GUGWA 1900</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>1900</u> GS ALT AT: <u>GUGWA</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.6</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 0W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: <u> </u>	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	541	1/2	200	541	1/2	200	541	1/2	200	541	1/2	200			
LNAV/VNAV DA	896	1 1/2	555	896	1 1/2	555	896	1 1/2	555	896	1 1/2	555			
LNAV MDA	800	1/2	459	800	1/2	459	800	3/4	459	800	1	459			
CIRCLING	840	1	499	840	1	499	840	1 1/2	499	920	2	579			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON-EVERS INTL ALTIMETER SETTING; INCREASE ALL DA 19FT AND ALL MDA 20FT. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JACKSON-EVERS INTL ALTIMETER SETTING.															
CITY AND STATE		ELEVATION: 341 TDZE: 341		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
JACKSON, MS		AIRPORT NAME: HAWKINS FIELD				RNAV (GPS) RWY 16, AMDT 1				AMDT: ORIG					
						08 APR 2010				DATED		11/20/2008			

QUALITY
2
CHECKED

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

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TAA

	FROM	TO	ALT
1.	069/30 CW 249/30 (NOPT) 069/5 CW 249/5	069/5 CW 249/5 OCARO (IAF) (FB)	2400 2000
2.	249/30 CW 339/30	UDODE (IAF) (FB)	2400
3.	339/30 CW 069/30	FOVAS (IAF) (FB)	3500

CITY AND STATE

JACKSON, MS

ELEVATION: 341

TDZE: 341

AIRPORT NAME:

HAWKINS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, AMDT 1

08 APR 2010

SUP:

AMDT:

ORIG

DATED:

11/20/2008

QUALITY
2
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 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHKS
RUNWAY RW16
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W16A
LTP/FTP LATITUDE 322034.4010N
LTP/FTP LONGITUDE 0901336.2155W
LTP/FTP ELLIPSOIDAL HEIGHT +00776
FPAP LATITUDE 321944.7300N
FPAP LONGITUDE 0901313.4500W
THRESHOLD CROSSING HEIGHT (TCH) 00055.6
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 95.50
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

908BDF54

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +01040
FPAP ORTHOMETRIC HEIGHT +01040

QUALITY
2
CHECKED

CITY AND STATE
JACKSON, MS

ELEVATION: 341 TDZE: 341
AIRPORT NAME:
HAWKINS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, AMDT 1
08 APR 2010

SUP:
AMDT: ORIG
DATED: 11/20/2008

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 KHKS7FR16	AFOVAS	010FOVASK7EA0E	A	IF						18000		A JS	
SUSAP KHKS7FR16	AFOVAS	020OCAROK7EA0EE	B	010TF		06860050		+ 02000				A JS	
SUSAP KHKS7FR16	AOCARO	010OCAROK7EA0EE	AR	HF		15870040		+ 02000		18000		A JS	
SUSAP KHKS7FR16	AUDODE	010UDODEK7EA0E	A	IF						18000		A JS	
SUSAP KHKS7FR16	AUDODE	020OCAROK7EA0EE	B	010TF		24870050		+ 02000				A JS	
SUSAP KHKS7FR16	R	010OCAROK7EA0E	I	IF				+ 02000		18000		A JS	
SUSAP KHKS7FR16	R	020GUGWAK7EA1E	F	051TF		15870060		+ 01900				A JS	
SUSAP KHKS7FR16	R	020GUGWAK7EA2WALFV			ALNAV/VNAV							JS	
SUSAP KHKS7FR16	R	030RW16	K7PGOGY	M	031TF		15870047		00397		-300	A JS	
SUSAP KHKS7FR16	R	040		M	010CA		1587		+ 00541			A JS	
SUSAP KHKS7FR16	R	050JILHOK7EA0EY		010DF					+ 02000			A JS	
SUSAP KHKS7FR16	R	060JILHOK7EA0EE		L02CHM		33880040		+ 02000				A JS	

[illegible][illegible]

QUALITY
CHECKED

SUP:	
AMDT:	ORIG
DATED:	11/20/2008

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]

QUALITY
b
CHECKED

CITY AND STATE JACKSON, MS	ELEVATION: 341 TDZE: 341 AIRPORT NAME: HAWKINS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1 08 APR 2010	SUP:	
				AMDT:	ORIG
				DATED:	11/20/2008

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: RW34 CLIMB TO 2000 DIRECT OCARO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 158.69 INBOUND. CHART FAS OBST: 690 TOWER 321709N/0901244W CHART FAS OBST: 493 ANT ON OL TANK 321908N/0901318W DISTANCE TO THLD FROM 387 HAT: 1.14 NM. CHART VDP AT 1.87 MILES TO RW34* *LNAV ONLY. WAAS CHANNEL # 56416 REFERENCE PATH ID: W34A													
HEPOT (IAF)	JILHO (NOPT) (FB)	068.73 / 5.00	2000														
ZANED (IAF)	JILHO (NOPT) (FB)	248.83 / 5.00	2000														
JILHO (IF/IAF)	IBRAQ (FB)	338.78 / 6.18	1900														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S JILHO, LT, 338.78 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 338.76 FAF: IBRAQ DIST FAF TO MAP: 4.82 THLD: 4.82 4. MIN. ALT: JILHO 2000, IBRAQ 1900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1900 GS ALT AT: IBRAQ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 0W EPOCH YEAR: 2010													
MINIMUMS																	
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A													
CATEGORY =====>				STANDARD @													
	A			B			C			D			E				
	DH/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	709	1 1/2	387	709	1 1/2	387	709	1 1/2	387	709	1 1/2	387					
LNAV/VNAV DA	803	1 3/4	481	803	1 3/4	481	803	1 3/4	481	803	1 3/4	481					
LNAV MDA	940	1	618	940	1	618	940	1 3/4	618	940	2	618					
CIRCLING	940	1	599	940	1	599	940	1 3/4	599	940	2	599					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE JACKSON-EVERS INTL ALTIMETER SETTING; SEE 8260-10.																	
CITY AND STATE JACKSON, MS				ELEVATION: 341 TDZE: 322 AIRPORT NAME: HAWKINS FIELD				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1 08 APR 2010				SUP: AMDT: ORIG DATED 11/20/2008	



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

INCREASE ALL DA 19 FT AND ALL MDA 20 FT.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING JACKSON-EVERS INTL ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	249/30 CW 069/30 (NOPT) 249/5 CW 069/5	249/5 CW 069/5 JILHO (IF/IAF) (FB)	2700 2000
2.	069/30 CW 159/30	HEPOT (IAF) (FB)	3500
3.	159/30 CW 249/30	ZANED (IAF) (FB)	2400

QUALITY
2
CHECKED

CITY AND STATE

JACKSON, MS

ELEVATION: 341

TDZE: 322

AIRPORT NAME:

HAWKINS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 11/20/2008

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHKS
RUNWAY RW34
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W34A
LTP/FTP LATITUDE 321944.7270N
LTP/FTP LONGITUDE 0901313.4520W
LTP/FTP ELLIPSOIDAL HEIGHT +00668
FPAP LATITUDE 322107.9300N
FPAP LONGITUDE 0901351.5900W
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 1112
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

28F40145

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00931
FPAP ORTHOMETRIC HEIGHT +00931

QUALITY
2
CHECKED

CITY AND STATE

JACKSON, MS

ELEVATION: 341

TDZE: 322

AIRPORT NAME:

HAWKINS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 11/20/2008

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

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ARINC PACKET - 424-18 - RNAV (GPS)

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

QUALITY
6
CHECKED

CITY AND STATE

JACKSON, MS

ELEVATION: 341 TDZE: 322
AIRPORT NAME:
HAWKINS FIELD

FACILITY
IDENTIFIER:
RNAV

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

08 APR 2010⁴

SUP:

AMDT:	ORIG

DATED: 11/20/2008

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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[illegible]

QUALITY
CHECKED

CITY AND STATE
JACKSON, MS

ELEVATION: 341	TDZE: 322
AIRPORT NAME:	
HAWKINS FIELD	

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, AMDT 1
08 APR 2010

SUP:	
AMDT:	ORIG
DATED:	11/20/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
CHAMS	HOLDN (FB)	141.72 / 11.63	2000	LPV: DA LNAV/VNAV: DA LNAV: RW05 CLIMB TO 3000 DIRECT JONDE AND LEFT TURN VIA TRACK 304.07 TO WYLMS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 191.28 INBOUND. CHART FAS OBST: 174 TANK 335434N/0780446W FAS OBST: 208 SHIP 335336N/0780803W CHART W-177A. DISTANCE TO THLD FROM 250 HAT: 0.68 NM. WAAS CHANNEL # 86917 REFERENCE PATH ID: W05A CHART W-177B								
WYLMS	HOLDN (FB)	191.28 / 15.11	2000									
HOLDN (IAF)	HOWWE (FB)	138.90 / 5.00	1600									
HOWWE (IF)	WIVAN (FB)	048.94 / 6.00	1500									
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 <u>HOWWE</u> 3. FAC: <u>048.99</u> FAF: <u>WIVAN</u> DIST FAF TO MAP: <u>4.47</u> THLD: <u>4.47</u> 4. MIN. ALT: <u>HOWWE 1600, WIVAN 1500</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>1500</u> GS ALT AT: <u>WIVAN 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.3</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW05 3100</u>				MAG VAR: 8W 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
LPV DA	274	1	250	274	1	250	274	1	250		NA	
LNAV/VNAV DA	460	1 1/2	436	460	1 1/2	436	460	1 1/2	436		NA	
LNAV MDA	460	1	436	460	1	436	460	1 1/4	436		NA	
CIRCLING	480	1	456	480	1	456	520	1 1/2	496		NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WILMINGTON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 24 TDZE: 24		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
OAK ISLAND, NC		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 5, AMDT 1		AMDT:		ORIG		
		BRUNSWICK COUNTY				08 APR 2010		DATED		12/09/2002		



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.

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILMINGTON ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.



CITY AND STATE

OAK ISLAND, NC

ELEVATION: 24 TDZE: 24

AIRPORT NAME:

BRUNSWICK COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 12/09/2002

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSUT
RUNWAY RW05
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W05A
REFERENCE PATH IDENTIFIER (APPROACH ID) 335530.4000N
LTP/FTP LATITUDE 0780445.5495W
LTP/FTP LONGITUDE -00312
LTP/FTP ELLIPSOIDAL HEIGHT 335637.7400N
FPAP LATITUDE 0780335.2600W
FPAP LONGITUDE 00039.3
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1072
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

A115633B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00058
FPAP ORTHOMETRIC HEIGHT +00058

QUALITY
CHECKED

CITY AND STATE
OAK ISLAND, NC

ELEVATION: 24 TDZE: 24
AIRPORT NAME:
BRUNSWICK COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 5, AMDT 1
08 APR 2010

SUP:
AMDT: ORIG
DATED: 12/09/2002

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. Cellings are 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
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEAEENRT	CHAMS K70	C	L	N33585572W078273812				NAR	CHAMS			
	SUSAEAEENRT	HOLDN K70	W		N33505206W078173246				NAR	HOLDN			
	SUSAEAEENRT	HOWWE K70	W		N33473521W078130037				NAR	HOWWE			
	SUSAEAEENRT	JONDE K70	W		N33593096W078003425				NAR	JONDE			
	SUSAEAEENRT	WIVAN K70	W		N33520755W078081704				NAR	WIVAN			
	SUSAEAEENRT	WYLSM K70	C	L	N34055905W078163024				NAR	WYLSM			
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSUTK7ASUT	0	055YHN33554650W078042880W008000024				1800018000C	MNAR	BRUNSWICK COUNTY				
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSUTK7FR05	ACHAMS	010CHAMSK7EA0E	IF					18000			A JS	
	SUSAP KSUTK7FR05	ACHAMS	020HOLDNK7EA0E	A 020TF			14170116	+ 02000				A JS	
	SUSAP KSUTK7FR05	ACHAMS	030HOWWEK7EA0EE	B 010TF			13890050	+ 01600				A JS	
	SUSAP KSUTK7FR05	AWYLSM	010WYLSMSK7EA0E	IF					18000			A JS	
	SUSAP KSUTK7FR05	AWYLSM	020HOLDNK7EA0E	A 020TF			19130151	+ 02000				A JS	
	SUSAP KSUTK7FR05	AWYLSM	030HOWWEK7EA0EE	B 010TF			13890050	+ 01600				A JS	
	SUSAP KSUTK7FR05	R	010HOWWEK7EA0E	I IF				+ 01600	18000			A JS	
	SUSAP KSUTK7FR05	R	020WIVANK7EA1E	F 051TF			04890060	+ 01500			RW05	K7PGA JS	
	SUSAP KSUTK7FR05	R	020WIVANK7EA2WALPV	ALNAV/VNAV ALNAV								JS	
	SUSAP KSUTK7FR05	R	030RW05 K7PGOGY	M 031TF			04900045	00058		-300		A JS	
	SUSAP KSUTK7FR05	R	040	0 M 010CA			0490	+ 00274				A JS	
	SUSAP KSUTK7FR05	R	050JONDEK7EA0E	010DF								A JS	
	SUSAP KSUTK7FR05	R	060WYLSMSK7EA0EY	L010TFY			3041	+ 03000				A JS	
	SUSAP KSUTK7FR05	R	070WYLSMSK7EA0EE	R020HM			19130040	+ 03000				A JS	
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSUTK7GRW05	0055050490	N33553040W078044555+0100				-0031200019000039099R						

QUALITY
6
CHECKED

CITY AND STATE OAK ISLAND, NC	ELEVATION: 24 TDZE: 24 AIRPORT NAME: BRUNSWICK COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 1 08 APR 2010	SUP:	
				AMDT:	ORIG
				DATED:	12/09/2002

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.

CITY AND STATE OAK ISLAND, NC	ELEVATION: 24 TDZE: 24 AIRPORT NAME: BRUNSWICK COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 12/09/2002

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: RBE NDB											
ANW VOR/DME	RBE NDB	080.02 / 18.26	4200	CLIMB TO 3600 THEN CLIMBING RIGHT TURN TO 4100 DIRECT RBE NDB AND HOLD.											
ONL VORTAC	RBE NDB	269.19 / 40.01	4100												
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 305.28 INBOUND. FAS OBST: 2709 AAO 422704N/0992828W FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.											
1. PT <u>L</u> SIDE OF COURSE <u>125.28</u> OUTBOUND <u>4100</u> FT WITHIN <u>10</u> MILES OF <u>RBE NDB</u> (IAF)															
2.															
3. FAC <u>305.28</u> FAF _____ DIST FAF TO MAP _____ THLD _____															
4. MIN. ALT _____															
8. MSA FROM: RBE NDB 320-050 5100, 050-320 4200															
					MAG VAR: 8E 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-31	3140	1	791	3140	1 1/4	791		NA			NA				
CIRCLING	3140	1	791	3140	1 1/4	791		NA			NA				
NOTES: CHART NOTE: USE AINSWORTH ALTIMETER SETTING; WHEN NOT RECEIVED, USE O'NEILL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. CHART NOTE: CIRCLING NA TO RWY 2-20. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13 NA AT NIGHT															
CITY AND STATE				ELEVATION: 2349 TDZE: 2349		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP			
BASSETT, NE				AIRPORT NAME:		RBE		NDB RWY 31, AMDT 4				AMDT 3			
				ROCK COUNTY				08 APR 2010				DATE 04/18/2002			



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	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 5100 DIRECT BARKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.93 INBOUND. CHART FAS OBST: 2486 TOWER 423448N/0993423W DISTANCE TO THLD FROM 327 HAT: 0.91 NM. WAAS CHANNEL # 86817 REFERENCE PATH ID: W13A	
ANW VOR/DME	DEBLE (FB)	044.86 / 9.48	4600		
ISD VOR	CALRO (FO)	170.37 / 46.25	4600		
ONL VORTAC	FARDU (FB)	285.28 / 46.05	4600		
DEBLE (IAF)	CALRO (NOPT) (FB)	042.64 / 5.00	4600		
FARDU (IAF)	CALRO (NOPT) (FB)	222.76 / 5.00	4600		
CALRO (IF/IAF)	BETME (FB)	132.70 / 6.04	4000		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW CALRO, RT, 132.70 INBOUND, 4600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>132.76</u> FAF: <u>BETME</u> DIST FAF TO MAP: <u>5.00</u> THLD: <u>5.00</u> 4. MIN. ALT: <u>CALRO 4600, BETME 4000, HISEK/2.00 NM TO RW13 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>4000</u> GS ALT AT: <u>BETME 4000</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>RW13 5100</u>					
				MAG VAR: 8E EPOCH YEAR: 1990	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	2675	1 1/4	327	2675	1 1/4
LNAV/VNAV DA	2863	1 3/4	515	2863	1 3/4
LNAV MDA	2880	1	532	2880	1
CIRCLING	2920	1	571	2920	1
NOTES: CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 13 PROCEDURE NA AT NIGHT. CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10					
CITY AND STATE		ELEVATION: 2349 TDZE: 2348		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BASSETT, NE		AIRPORT NAME:		RNAV (GPS) RWY 13, AMDT 1	
		ROCK COUNTY		08 APR 2010	
		FACILITY IDENTIFIER: RNAV		SUP:	
				AMDT: ORIG	
				DATED 04/18/2002	



**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.

NOTES CONT.***LNAV ONLY**

CHART NOTE: USE AINSWORTH ALTIMETER SETTING; WHEN NOT RECEIVED, USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DA 59 FEET AND ALL MDA 60 FEET, AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: CIRCLING NA TO RWY 2-20.

QUALITY
9
CHECKED

CITY AND STATE

BASSETT, NE

ELEVATION: 2349 TDZE: 2348

AIRPORT NAME:

ROCK COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 04/18/2002

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRBE
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	423428.7585N
LTP/FTP LONGITUDE	0993425.9610W
LTP/FTP ELLIPSOIDAL HEIGHT	+06914
FPAP LATITUDE	423319.6700N
FPAP LONGITUDE	0993309.7800W
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	1320
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0E61D37F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07146
FPAP ORTHOMETRIC HEIGHT	+07146

QUALITY
9
CHECKED

CITY AND STATE BASSETT, NE	ELEVATION: 2349 TDZE: 2348 AIRPORT NAME: ROCK COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 04/18/2002

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][illegible]

QUALITY
CHECKED

CITY AND STATE BASSETT, NE	ELEVATION: 2349 TDZE: 2348 AIRPORT NAME: ROCK COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 04/18/2002

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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KRBK3FR13	R	040	0 M	010CA		1328		+ 02675			A JS	
	SUSAP KRBK3FR13	R	050BARKEK3EA0EY	010DF					+ 05100			A JS	
	SUSAP KRBK3FR13	R	060BARKEK3EA0EE	R020HM			31290050		+ 05100			A JS	
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KRBK3GRW13		0046981328	N42342876W099342596+0100			+0691402344000040075R						
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KRBK3PR13	RW13	001	0000W13A0N4234287585W09934259610+069140300N4233196700W09933097800106751320000400F4005000E61D37F									
	SUSAP KRBK3PR13	RW13	002E	+07146+07146LPV		86817							
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KRBK3SRW13	K3PG		0	18018005125							M	

QUALITY
6
CHECKED

CITY AND STATE
BASSETT, NE

ELEVATION: 2349 TDZE: 2348
 AIRPORT NAME:
 ROCK COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, AMDT 1
 08 APR 2010

SUP:
 AMDT: ORIG
 DATED: 04/18/2002

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																
ANW VOR/DME	FABET (FB)	111.08 / 25.89	5100	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 4800 DIRECT CALRO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 132.70 INBOUND. CHART FAS OBST: 2459 TREE 423330N/0993336W 2639 AAO 423004N/0992835W DISTANCE TO THLD FROM 327 HAT: 0.90 NM. WAAS CHANNEL # 69317 REFERENCE PATH ID: W31A															
ONL VORTAC	DAKLE (FB)	261.30 / 27.51	5100																
FABET (IAF)	BARKE (NOPT) (FB)	042.87 / 5.00	5100																
DAKLE (IAF)	BARKE (NOPT) (FB)	222.99 / 5.00	5100																
BARKE (IF/IAF)	CABAT (FB)	312.93 / 6.61	4100																
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE BARKE, RT, 312.93 INBOUND, 5100 FT. IN LIEU OF PT (IAF) 3. FAC: 312.87 FAF: CABAT _____ DIST FAF TO MAP: 5.29 THLD: 5.29 4. MIN. ALT: BARKE 5100, CABAT 4100, HEKRU/2.50 NM TO RW31 3180° 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 4100 GS ALT AT: CABAT 4100 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: RW31 5100				MAG VAR: 8E EPOCH YEAR: 1990															
MINIMUMS																			
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A ☒ X																	
CATEGORY =====>	A			B			C			D			E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
LPV DA	2676	1 1/4	327	2676	1 1/4	327		NA			NA								
LNAV/VNAV DA	2806	1 3/4	457	2806	1 3/4	457		NA			NA								
LNAV MDA	2840	1	491	2840	1	491		NA			NA								
CIRCLING	2920	1	571	2920	1	571		NA			NA								
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13 NA AT NIGHT. CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY SEE 8260-10																			
CITY AND STATE BASSETT, NE		ELEVATION: 2349 TDZE: 2349 AIRPORT NAME: ROCK COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 08 APR 2010				SUP: AMDT: ORIG DATED 04/18/2002									

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.

NOTES CONT.

CHART NOTE: USE AINSWORTH ALTIMETER SETTING; WHEN NOT RECEIVED, USE O'NEILL ALTIMETER SETTING AND INCREASE ALL DA 59 FEET AND ALL MDA 60 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ONL VORTAC AIRWAY RADIALS 218 CW 313.

CHART NOTE: CIRCLING NA TO RWY 2-20.

QUALITY
6
CHECKED

CITY AND STATE

BASSETT, NE

ELEVATION: 2349 TDZE: 2349

AIRPORT NAME:

ROCK COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 04/18/2002

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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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRBE
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	423352.7915N
LTP/FTP LONGITUDE	0993346.2850W
LTP/FTP ELLIPSOIDAL HEIGHT	+06929
FPAP LATITUDE	423501.8700N
FPAP LONGITUDE	0993502.4900W
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	1320
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

ACEF8320

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07161
FPAP ORTHOMETRIC HEIGHT	+07161

QUALITY
9
CHECKED

CITY AND STATE BASSETT, NE	ELEVATION: 2349 TDZE: 2349 AIRPORT NAME: ROCK COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 04/18/2002

**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 - RNAV (GPS)[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRB	EK3	FR31	AANW	010ANW	K3D	0V	IF		18000		A	JS
SUSAP	KRB	EK3	FR31	AANW	020FABETK3EA0E	A	020TF	11110259	+ 05100			A	JS
SUSAP	KRB	EK3	FR31	AANW	030BARKEK3EA0EE	B	010TF	04290050	+ 05100			A	JS
SUSAP	KRB	EK3	FR31	ABARKE	010BARKEK3EA0EE	AR	HF	31290050	+ 05100	18000		A	JS
SUSAP	KRB	EK3	FR31	AONL	010ONL	K3D	0V	IF		18000		A	JS
SUSAP	KRB	EK3	FR31	AONL	020DAKLEK3EA0E	A	020TF	26130275	+ 05100			A	JS
SUSAP	KRB	EK3	FR31	AONL	030BARKEK3EA0EE	B	010TF	22300050	+ 05100			A	JS
SUSAP	KRB	EK3	FR31	R	010BARKEK3EA0E	I	IF		+ 05100	18000		A	JS
SUSAP	KRB	EK3	FR31	R	020CABATK3EA1E	F	051TF	31290066	+ 04100		RW31	K3PGA	JS
SUSAP	KRB	EK3	FR31	R	020CABATK3EA2WALPV			ALNAV/VNAV	ALNAV				JS
SUSAP	KRB	EK3	FR31	R	021HEKRUK3EA0E	S	031TF	31290028	V 0318003192	-300		A	JS
SUSAP	KRB	EK3	FR31	R	030RW31	K3PGOGY	M 031TF	31290025	02389	-300		A	JS
SUSAP	KRB	EK3	FR31	R	040	0	M 010CA	3129	+ 02676			A	JS
SUSAP	KRB	EK3	FR31	R	050CALROK3EA0EY	010DF			+ 04600			A	JS
SUSAP	KRB	EK3	FR31	R	060CALROK3EA0EE	R020HM		13270050	+ 04600			A	JS

QUALITY
6
CHECKED

CITY AND STATE

BASSETT, NE

ELEVATION: 2349 TDZE: 2349

AIRPORT NAME:

ROCK COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 04/18/2002

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.

SUSAP KRBK3GRW31 0046983128 N42335279W099334629-0100 +0692902349000040075R

SUSAP	KRBEK3PR31	RW31	001	0000W31A0N4233527915W09933462850+069290300N42335018700W09935024900106751320000400F400500ACEF8320
SUSAP	KRBEK3PR31	RW31	002E	+07161+07161LPV 69317

SUSAP KRBK3SRW31 K3PG 0 18018005125 M

QUALITY
6
CHECKED

SUP:	
AMDT:	ORIG
DATED:	04/18/2002

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 2, 20, NA - ENVIRONMENTAL

RWY 13, 31, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, FENCE AND TREES BEGINNING 12' FROM DER, 298' LEFT OF CENTERLINE, UP TO 60' AGL/2449' MSL. FENCE AND TREES BEGINNING 16' FROM DER, 320' RIGHT OF CENTERLINE, UP TO 60' AGL/2459' MSL.

NOTE: RWY 31, RISING TERRAIN, TREES AND TRAIN ON RAILROAD TRACKS BEGINNING 2' FROM DER, 155' LEFT OF CENTERLINE, UP TO 60' AGL/2409' MSL. SIGN, OBSTRUCTION LIGHT ON AIRPORT BEACON AND MULTIPLE VEHICLES, TOWERS, TREES, FENCES AND FUEL FARMS BEGINNING 31' FROM DER, 330' RIGHT OF CENTERLINE, UP TO 58' AGL/2403' MSL. TRAIN ON RAILROAD TRACKS, MULTIPLE BUILDINGS, VEHICLES AND TREES BEGINNING 353' FROM DER, 322' RIGHT OF CENTERLINE, UP TO 80' AGL/2416' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
9
CHECKED

(5) City, State

BASSETT, NE

(6) Airport

ROCK COUNTY

(7) Effective Date

08 APR 2010

(8) Amdt. No.

2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 15- CLIMB HEADING 147.05 TO 1000 BEFORE TURNING LEFT.

RWY 33- CLIMB HEADING 327.07 TO 1400 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 2306' FROM DER, 405 FEET LEFT OF CENTERLINE, UP TO 92' AGL/590' MSL.

(4) CONTROLLING OBSTACLES:

RWY 15: 1419 MSL AAO 421620.00N/0751922.00W.

RWY 33: 1479 MSL AAO 431944.00N/0752614.00W.

QUALITY
CHECKED

(5) City, State

ROME, NY.

(6) Airport

GRIFFISS INTL

(7) Effective Date

08 APR 2010

(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 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)

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3L - CLIMB HEADING 026.69 TO 1200 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2000 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 2000 MSL BEFORE PROCEEDING ON COURSE.

RWY 7 - CLIMB HEADING 066.09 TO 1300 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS CINCINNATI MUNI AIRPORT-LUNKEN FIELD AT OR ABOVE 2000 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 2000 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 2000 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 2000 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3L, BLDG AND HANGERS BEGINNING 305' FROM DER, 259' LEFT OF CENTERLINE, UP TO 41' AGL/521' MSL. TREES BEGINNING 957' FROM DER, 144' RIGHT OF CENTERLINE, UP TO 77' AGL/556' MSL. TREES 1.2 NM FROM DER, 2270' LEFT OF CENTERLINE, UP TO 97' AGL/866' MSL. POLE 1.6 NM FROM DER, 320' LEFT OF CENTERLINE, 68' AGL/797' MSL.

NOTE: RWY 3R, TREES BEGINNING 1426' FROM DER, 196' LEFT OF CENTERLINE, UP TO 68' AGL/557' MSL. TREES BEGINNING 840' FROM DER, 130' RIGHT OF CENTERLINE, UP TO 83' AGL/572' MSL. TREES 1.3 NM FROM DER, 2393' LEFT OF CENTERLINE, UP TO 97' AGL/856' MSL. POLE 1.5 NM FROM DER, 2062' LEFT OF CENTERLINE, 68' AGL/797' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 3L: 866 MSL TREES 390752.21N/0842457.23W. 797 MSL POLE 390806.00N/0842423.00W. 1079 MSL AAO 390952.70N/0842258.00W. 1109 MSL AAO 390942.75N/0842200.15W. 1749 MSL TOWER 390730.00N/0842956.00W.

RWY 3R: 856 MSL TREES 390755.97N/0842432.62W. 797 MSL POLE 390805.00N/0842423.00W. 1099 MSL AAO 390927.40N/0842205.40W. 1109 MSL AAO 390942.75N/0842200.15W. 1749 MSL TOWER 390730.00N/0842956.00W.

(CONTINUED)

(5) City, State CINCINNATI, OH	(6) Airport CINCINNATI MUNI AIRPORT-LUNKEN FIELD	(7) Effective Date 08 APR 2010	(8) Amdt. No. 14

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)

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 466 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 413 FT PER NM TO 1100 OR 600-2 3/4 WITH MINIMUM CLIMB OF 228 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 25, 600-2 3/4 WITH MINIMUM CLIMB OF 218 FT PER NM TO 1300 OR 1700-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(3) TAKEOFF OBSTACLE NOTES: (CONTINUED)

NOTE: RWY 7, TREES BEGINNING 447' FROM DER, 68' LEFT OF CENTERLINE, UP TO 87' AGL/576' MSL. TREES BEGINNING 664' FROM DER, 45' RIGHT OF CENTERLINE, UP TO 88' AGL/575' MSL. TREES 4515' FROM DER, 1519' RIGHT OF CENTERLINE, UP TO 81' AGL/720' MSL. TREES 1.3 NM FROM DER, 2088' RIGHT OF CENTERLINE, UP TO 85' AGL/824' MSL.

NOTE: RWY 21R, TREES BEGINNING 1444' FROM DER, 203' LEFT OF CENTERLINE, UP TO 66' AGL/555' MSL. TREES BEGINNING 1073' FROM DER, 25' RIGHT OF CENTERLINE, UP TO 79' AGL/568' MSL. TREES 1.1 NM FROM DER, 2262' RIGHT OF CENTERLINE, UP TO 86' AGL/895' MSL. TOWER 2.3 NM FROM DER, 527' LEFT OF CENTERLINE, 168' AGL/990' MSL. TREES 2.4 NM FROM DER, 1847' LEFT OF CENTERLINE, UP TO 71' AGL/890' MSL.

NOTE: RWY 21L, TREES BEGINNING 122' FROM DER, 63' LEFT OF CENTERLINE, UP TO 118' AGL/597' MSL. TREES BEGINNING 15' FROM DER, 248' RIGHT OF CENTERLINE, UP TO 82' AGL/571' MSL. TREES 4581' FROM DER, 1503' LEFT OF CENTERLINE, UP TO 144' AGL/723' MSL. TOWER 2.0 NM FROM DER, 2027' RIGHT OF CENTERLINE, 168' AGL/990' MSL. POLE 2.2 NM FROM DER, 281' RIGHT OF CENTERLINE, 78' AGL/841' MSL.

NOTE: RWY 25, SIGN, POLE, HANGARS, AND TREES BEGINNING 177' FROM DER, 13' LEFT OF CENTERLINE, UP TO 86' AGL/575' MSL. ROAD, BLDG, POLES, AND TREES BEGINNING 185' FROM DER, 5' RIGHT OF CENTERLINE, UP TO 73' AGL/562' MSL. TANK 1.4 NM FROM DER, 1755' RIGHT OF CENTERLINE, 210' AGL/1046' MSL. TOWER 2.6 NM FROM DER, 2052' LEFT OF CENTERLINE, 158' AGL/885' MSL.

(4) CONTROLLING OBSTACLES: (CONTINUED)

RWY 7: 720 MSL TREES 390640.64N/0842343.40W. 824 MSL TREES 390652.81N/0842258.46W. 1079 MSL AAO 390905.30N/0842053.30W. 1039 MSL AAO 390901.30N/0842133.00W.

RWY 21R: 895 MSL TREES 390504.84N/0842626.94W. 990 MSL TOWER 390347.81N/0842629.92W. 890 TREES 390335.07N/0842618.60W. 1049 MSL AAO 390247.10N/0842645.00W. 1743 MSL TOWER 390659.00N/0843007.00W.

RWY 21L: 723 MSL TREES 390446.19N/0842513.21W. 990 MSL TOWER 390347.81N/0842629.92W. 841 MSL POLE 390332.00N/0842614.00W. 1069 MSL AAO 390225.30N/0842652.60W. 1743 MSL TOWER 390659.00N/0843007.00W.

RWY 25: 831 MSL TREES 390555.63N/0842636.38W. 1046 MSL TANK 390545.00N/0842727.00W. 885 MSL TOWER 390438.90N/0842823.90W. 1743 MSL TOWER 390659.00N/0843007.00W.

RWY 3L, 3R, 7, 21R, 21L, 25 (VCOA): 1083 MSL TOWER 390736.00N/0842906.00W. 1749 MSL TOWER 390730.00N/0842956.00W.

QUALITY
9
CHECKED

City, State CINCINNATI, OH		Airport CINCINNATI MUNI AIRPORT-LUNKEN FIELD		Effective Date 08 APR 2010	Amdt. No. 14
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	LPV: DA LNAV: RW35L								
HEMLA (IAF)	JEBGO (NOPT) (FB)	083.14 / 5.00	3800	CLIMB TO 3800 DIRECT CATKI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 173.20 INBOUND. CHART FAS OBST: 1499 TREE 352640N/0974954W DISTANCE TO THLD FROM 301 HAT: 0.84 NM. CHART VDP AT 1.18 MILES TO RW35L * LNAV ONLY. WAAS CHANNEL # 86901 REFERENCE PATH ID: W35A								
JOSIL (IAF)	JEBGO (NOPT) (FB)	263.26 / 5.00	3800									
JEBGO (IF/IAF)	TUTLE (FB)	353.20 / 6.09	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 JEBGO, RT, 353.20 INBOUND, 3800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>353.20</u> FAF: <u>TUTLE</u> DIST FAF TO MAP: <u>5.01</u> THLD: <u>5.01</u> 4. MIN. ALT: <u>JEBGO 3800, TUTLE 3000, ROBII/3.00 NM TO RW35L 2320*</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>TUTLE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>41.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7E EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF: <u> </u>	STANDARD <u>X</u>	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	1651	1	301	1651	1	301	1651	1	301	NA		
LNAV MDA	1760	1	410	1760	1	410	1760	1 1/4	410	NA		
CIRCLING	1800	1	446	1820	1	466	1820	1 1/2	466	NA		
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILEY POST ALTIMETER SETTING AND SEE 8260-10. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.												
CITY AND STATE		ELEVATION: 1354 TDZE: 1350		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
OKLAHOMA CITY, OK		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35L, AMDT 2A			AMDT: 2			
		CLARENCE E. PAGE MUNI				08 APR 2010			DATED 12/17/2009			

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.

INCREASE ALL DA 29 FEET AND ALL MDA 40 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING WILEY POST ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	263/30 CW 083/30 (NOPT)	JEBGO (IF/IAF) (FB)	3800
2.	083/30 CW 173/30	HEMLA (IAF) (FB)	3800
3.	173/30 CW 263/30	JOSIL (IAF) (FB)	3800

CITY AND STATE

OKLAHOMA CITY, OK

ELEVATION: 1354 TDZE: 1350

AIRPORT NAME:

CLARENCE E. PAGE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35L, AMDT 2A

08 APR 2010

SUP:

AMDT: 2

DATED: 12/17/2009

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KRCE
RUNWAY RW35L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A
LTP/FTP LATITUDE 352847.2270N
LTP/FTP LONGITUDE 0974929.4015W
LTP/FTP ELLIPSOIDAL HEIGHT +03821
FPAP LATITUDE 353016.4700N
FPAP LONGITUDE 0974929.0200W
THRESHOLD CROSSING HEIGHT (TCH) 00041.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0920
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

6EEB684F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +04091
FPAP ORTHOMETRIC HEIGHT +04091

CITY AND STATE
OKLAHOMA CITY, OK

ELEVATION: 1354 TDZE: 1350
AIRPORT NAME:
CLARENCE E. PAGE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35L, AMDT 2A
08 APR 2010

SUP:
AMDT: 2
DATED: 12/17/2009

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KRCEK4FR35L	AHEMLA	010HEMLAK4EA0E	A	IF					18000			A JS	
SUSAP KRCEK4FR35L	AHEMLA	020JEBGOK4EA0EE	B	010TF		08310050		+ 03800				A JS	
SUSAP KRCEK4FR35L	AJEBGO	010JEBGOK4EA0EE	AR	HF		35320040		+ 03800		18000		A JS	
SUSAP KRCEK4FR35L	AJOSIL	010JOSILK4EA0E	A	IF						18000		A JS	
SUSAP KRCEK4FR35L	AJOSIL	020JEBGOK4EA0EE	B	010TF		26330050		+ 03800				A JS	
SUSAP KRCEK4FR35L	R	010JEBGOK4EA0E	I	IF				+ 03800		18000		A JS	
SUSAP KRCEK4FR35L	R	020TUTLEK4EA1E	F	051TF		35320061		+ 03000				A JS	
SUSAP KRCEK4FR35L	R	020TUTLEK4EA2WALPV			N		ALNAV					JS	
SUSAP KRCEK4FR35L	R	021ROBIIR4EA0E	S	031TF		35320020		V 0232002347		-300		A JS	
SUSAP KRCEK4FR35L	R	030RW35LK4PGOGY	M	031TF		35320030		01383		-300		A JS	
SUSAP KRCEK4FR35L	R	040	0	M 010CA		3532		+ 01651				A JS	
SUSAP KRCEK4FR35L	R	050CATKIK4EA0EY		010DP				+ 03800				A JS	
SUSAP KRCEK4FR35L	R	060CATKIK4EA0EE		R020HM		17320040		+ 03800				A JS	

[illegible]

CHERRY

CITY AND STATE OKLAHOMA CITY, OK	ELEVATION: 1354 TDZE: 1350 AIRPORT NAME: CLARENCE E. PAGE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35L, AMDT 2A 08 APR 2010	SUP:
				AMDT: 2
				DATED: 12/17/2009

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

SUSAP KRCEK4PR35L RW35L001 0000W35A0N3528472270W09749294015+038210300N3530164700W09749290200106750920000410F4005006EEB684F
SUSAP KRCEK4PR35L RW35L002E +04091+04091LPV 86901



CITY AND STATE
OKLAHOMA CITY, OK

ELEVATION: 1354 TDZE: 1350
AIRPORT NAME:
CLARENCE E. PAGE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35L, AMDT 2A
08 APR 2010

SUP:
AMDT: 2
DATED: 12/17/2009

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

ADDITIONAL FLIGHT DATA:

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

MAG VAR:

EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 08 APR 2010

CITY AND STATE COLLEGEVILLE, PA	ELEVATION: 277 TDZE: 277 AIRPORT NAME: PERKIOMEN VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1, 12/20/2007	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.

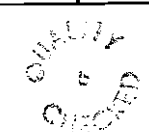
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
HIKES SPERY (IAF) YOPUS (IF/IAF)	YOPUS (FO)	198.32 / 13.18	2600	LNAV: RW09 CLIMBING LEFT TURN TO 2600 DIRECT YOPUS AND HOLD.			
	YOPUS (NOPT) (FB)	048.59 / 6.20	2600				
	ZURVO (FB)	088.27 / 5.09	1900	ADDITIONAL FLIGHT DATA: FAS OBST: 539 AAO 401203N/0752942W ZURVO TO RW09: 3.04/40.			

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD W YOPUS, RT, 088.27 INBOUND, 2600 FT. IN LIEU OF PT (IAF)	
3. FAC: 088.34 FAF: ZURVO	DIST FAF TO MAP: 4.99 THLD: 4.99
4. MIN. ALT: YOPUS 2600, ZURVO 1900	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____	
7. GS ANGLE: _____ TCH: _____	
8. MSA FROM: RW09 2600	

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
CIRCLING	820 1 543 NA NA NA NA NA NA NA NA NA NA NA NA NA NA

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPERY VIA V210 WESTBOUND AND V403-405 SOUTHWEST BOUND AND FOR ARRIVAL AT HIKES VIA V29-408 NORTHBOUND.
 SEE 8260-10

CITY AND STATE COLLEGEVILLE, PA	ELEVATION: 277 TDZE:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-B, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: PERKIOMEN VALLEY			AMDT: NONE
				DATED



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

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NOTES CONT.

CHART NOTE: USE HERITAGE FIELD ALTIMETER SETTING; WHEN NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE MDA 80 FEET.

CITY AND STATE

COLLEGEVILLE, PA

ELEVATION: 277

TDZE:

AIRPORT NAME:

PERKIOMEN VALLEY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-B, ORIG

08 APR 2010

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 N10 K6FRNV-B AHIKES	010HIKESK6EA0E	IF								18000		B JC	
SUSAP N10 K6FRNV-B AHIKES	020YOPUSK6EA0EY	020TF				19830132		+ 02600				B JC	
SUSAP N10 K6FRNV-B AHIKES	030YOPUSK6EA0EE	AR HF				08830040		+ 02600				B JC	
SUSAP N10 K6FRNV-B ASPERY	010SPERYK6EA0E	A IF								18000		B JC	
SUSAP N10 K6FRNV-B ASPERY	020YOPUSK6EA0EE	B 010TF				04860062		+ 02600				B JC	
SUSAP N10 K6FRNV-B R	010YOPUSK6EA0E	I IF						+ 02600		18000		B JC	
SUSAP N10 K6FRNV-B R	020ZURVOK6EA0E	F 051TF				08830051		+ 01900			RW09 K6PGB	JC	
SUSAP N10 K6FRNV-B R	030RW09 K6PGOGY	M 031TF				08830050		00288		-304		B JC	
SUSAP N10 K6FRNV-B R	040	0 M 010CA				0883		+ 00677				B JC	
SUSAP N10 K6FRNV-B R	050YOPUSK6EA0EY	L010DF						+ 02600				B JC	
SUSAP N10 K6FRNV-B R	060YOPUSK6EA0EE	R020HM				08830040		+ 02600				B JC	

[illegible][illegible]

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	LNAV: RW27 CLIMBING RIGHT TURN TO 2200 DIRECT VIDTU AND HOLD. ADDITIONAL FLIGHT DATA: FAS OBST: 539 AAO 401235N/0752005W 599 AAO 401236N/0751902W VAYCU TO RW27: 3.04/40.
PTW VORTAC	VIDTU (FO)	097.25 / 15.92	2200	
MAZIE (IAF)	VIDTU (NOPT) (FB)	237.82 / 6.74	2200	
VIDTU (IF/IAF)	VAYCU (FB)	268.55 / 5.07	1900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E VIDTU, RT, 268.55 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
- FAC: 268.48 FAF: VAYCU DIST FAF TO MAP: 4.93 THLD: 4.93
- MIN. ALT: VIDTU 2200, VAYCU 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:
- MSA FROM: RW27 2600

MAG VAR: 12W

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
CIRCLING	820	1	543		NA			NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAZIE VIA V3-419 NORTHEAST BOUND.
 CHART NOTE: USE HERITAGE FIELD ALTIMETER SETTING; WHEN NOT RECEIVED, USE PHILADELPHIA INTL
 SEE 8260-10

CITY AND STATE COLLEGEVILLE, PA	ELEVATION: 277 TDZE: AIRPORT NAME: PERKIOMEN VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-C, ORIG 08 APR 2010	SUP: AMDT: NONE DATED

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

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NOTES CONT.**ALTIMETER SETTING AND INCREASE MDA 80 FEET.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PTW VORTAC AIRWAY RADIALS 059 CW 095.**

CITY AND STATE

COLLEGEVILLE, PA

ELEVATION: 277

TDZE:

AIRPORT NAME:

PERKIOMEN VALLEY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-C, ORIG

08 APR 2010

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]

QUALITY
1
CHECKED

CITY AND STATE COLLEGEVILLE, PA	ELEVATION: 277 TDZE: AIRPORT NAME: PERKIOMEN VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-C, ORIG 08 APR 2010	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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	1	2	3	4	5	5	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP N10 K6SRW27 K6PG					0	18018002625						M	

CITY AND STATE
COLLEGEVILLE, PA

ELEVATION: 277 TDZE:
AIRPORT NAME:
PERKIOMEN VALLEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS)-C, ORIG
08 APR 2010

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: RW17 CLIMB TO 3000 DIRECT JAXOV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD S, RT, 354.02 INBOUND. CHART FAS OBST: 95 TREE 325453N/0794659W CHART FAS OBST: 100 TREE 325407N/0794642W CHART W-133/134. DISTANCE TO THLD FROM 295 HAT: 0.82 NM. CHART VDP AT 0.75 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 62817 REFERENCE PATH ID: W17A							
CUBBY (IAF)		UBUBE (FB)		249.09 / 9.20			2000									
GINNE (IAF)		UBUBE (FB)		117.56 / 7.51			2000									
UBUBE (IF)		FESJY (FB)		173.96 / 6.19			1600									
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 UBUBE 3. FAC: <u>173.98</u> FAF: <u>FESJY</u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u> 4. MIN. ALT: <u>UBUBE 2000, FESJY 1600, GIYEG/2.40 NM TO RW17 800*</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>1600</u> GS ALT AT: <u>FESJY 1600</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>35.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW17 3100</u>										MAG VAR: 7W EPOCH YEAR: 2010						
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @				
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	307	1	295	307	1	295	307	1	295		NA					
LNAV/VNAV DA	389	1 1/4	377	389	1 1/4	377	389	1 1/4	377		NA					
LNAV MDA	360	1	348	360	1	348	360	1	348		NA					
CIRCLING																
	420	1	408	480	1	468	520	1 1/2	508		NA					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10																
CITY AND STATE				ELEVATION: 12 TDZE: 12		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
MOUNT PLEASANT, SC				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17, ORIG				AMDT: NONE				
				MT PLEASANT RGNL-FAISON FIELD				08 APR 2010				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 CHARLESTON AFB/INTL ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FT, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING.

CHART NOTE: VDP NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING

QUALITY
6
2010

CITY AND STATE

MOUNT PLEASANT, SC

ELEVATION: 12 TDZE: 12

AIRPORT NAME:

MT PLEASANT RGNL-FAISON FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

08 APR 2010

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	KLRO
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W17A
REFERENCE PATH IDENTIFIER (APPROACH ID)	325410.0460N
LTP/FTP LATITUDE	0794703.1765W
LTP/FTP LONGITUDE	-00299
LTP/FTP ELLIPSOIDAL HEIGHT	325243.0700N
FPAP LATITUDE	0794639.3600W
FPAP LONGITUDE	00035.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1624
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

2CEC9C85

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00034
FPAP ORTHOMETRIC HEIGHT	+00034

QUALITY
6
CHECKED

CITY AND STATE MOUNT PLEASANT, SC	ELEVATION: 12 TDZE: 12	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: MT PLEASANT RGNL-FAISON FIELD			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 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	CUBBY K70	C	L	N33091365W079401927					NAR		CUBBY		
SUSAEENRT	FESJY K70	W		N32585205W079482049					NAR		FESJY		
SUSAEENRT	GINNE K70	C	L	N33073316W079582209					NAR		GINNE		
SUSAEENRT	GIYEG K70	W		N32563063W079474170					NAR		GIYEG		
SUSAEENRT	JAXOV K70	W		N32431345W079440370					NAR		JAXOV		
SUSAEENRT	UBUBE K70	W		N33045432W079500001					NAR		UBUBE		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLROK7ALRO	0	036YHN32535220W079465830W007000012					1800018000C	MNAR		MT PLEASANT RGNL-FAISON FIELD		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLROK7FR17	ACUBBY	010CUBBYK7EA0E	A	IF					18000		A	JS
SUSAP	KLROK7FR17	ACUBBY	020UBUBEK7EA0EE	B	010TF		24910092		+ 02000			A	JS
SUSAP	KLROK7FR17	AGINNE	010GINNEK7EA0E	A	IF					18000		A	JS
SUSAP	KLROK7FR17	AGINNE	020UBUBEK7EA0EE	B	010TF		11760075		+ 02000			A	JS
SUSAP	KLROK7FR17	R	010UBUBEK7EA0E	I	IF				+ 02000	18000		A	JS
SUSAP	KLROK7FR17	R	020FESJYK7EA1E	F	051TF		17400062		+ 01600		RW17	K7PGA	JS
SUSAP	KLROK7FR17	R	020FESJYK7EA2WALPV		ALNAV/VNAV ALNAV								JS
SUSAP	KLROK7FR17	R	021GIYEGK7EA0E	S	031TF		17400024		V 0080000816	-300		A	JS
SUSAP	KLROK7FR17	R	030RW17	K7PGOGY	M 031TF		17400024		00046	-300		A	JS
SUSAP	KLROK7FR17	R	040	0	M 010CA		1740		+ 00307			A	JS
SUSAP	KLROK7FR17	R	050JAXOVK7EA0EY	010DF					+ 03000			A	JS
SUSAP	KLROK7FR17	R	060JAXOVK7EA0EE	R020HM			35400040		+ 03000			A	JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLROK7GRW17	0036991740	N32541005W079470318+0000							-0029900011000035075R			

QUALITY
6
CHECKED

CITY AND STATE MOUNT PLEASANT, SC	ELEVATION: 12	TDZE: 12	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: MT PLEASANT RGNL-FAISON FIELD				AMDT: NONE
					DATED:

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QUALITY
6
CHECKED

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	
CUBBY	JAXOV (FO)	193.93 / 26.14	3100	LNAV: RW35 CLIMB TO 3000 DIRECT UBUBE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD N, LT, 173.98 INBOUND. CHART FAS OBST: 101 TREE 325308N/0794719W CHART W133/134. CHART VDP AT 0.76 MILES TO RW35. EDNAH TO RW35: 3.04/35.
GINNE	UBUBE (FB)	117.56 / 7.51	3000	
UBUBE	JAXOV (FO)	173.63 / 22.21	3000	
JAXOV (IF/IAF)	EDNAH	354.02 / 6.09	1500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S JAXOV, RT, 354.02 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 354.00 FAF: EDNAH DIST FAF TO MAP: 4.51 THLD: 4.51
- MIN. ALT: JAXOV 3000, EDNAH 1500, HEFKA/2.50 NM TO RW35 840
- 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: RW35 3100

MAG VAR: 7W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	360	1	348	360	1	348	360	1	348		NA				
CIRCLING	420	1	408	480	1	468	520	1 1/2	508		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FT.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
6
CHECKED

CITY AND STATE MOUNT PLEASANT, SC	ELEVATION: 12 TDZE: 12 AIRPORT NAME: MT PLEASANT RGNL-FAISON FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	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: PROCEDURE NA FOR ARRIVALS AT CUBBY ON V1 NORTHEAST BOUND.

CHART NOTE: VDP NA WITH CHARLESTON AFB/NTL ALTIMETER SETTING.

QUALITY
6
CHECKED

CITY AND STATE

MOUNT PLEASANT, SC

ELEVATION: 12

TDZE: 12

AIRPORT NAME:

MT PLEASANT RGNL-FAISON FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

08 APR 2010

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	KLROK7FR35	ACUBBY	010CUBBYK7EA0E	IF					18000			B JS	
SUSAP	KLROK7FR35	ACUBBY	020JAXOVK7EA0EY	020TF		19390261		+ 03100				B JS	
SUSAP	KLROK7FR35	ACUBBY	030JAXOVK7EA0EE	AR HF		35400040		+ 03000				B JS	
SUSAP	KLROK7FR35	AGINNE	010GINNEK7EA0E	IF					18000			B JS	
SUSAP	KLROK7FR35	AGINNE	020UBUBEK7EA0E	020TF		11760075		+ 03000				B JS	
SUSAP	KLROK7FR35	AGINNE	030JAXOVK7EA0EY	020TF		17360222		+ 03000				B JS	
SUSAP	KLROK7FR35	AGINNE	040JAXOVK7EA0EE	AR HF		35400040		+ 03000				B JS	
SUSAP	KLROK7FR35	R	010JAXOVK7EA0E	I IF				+ 03000	18000			B JS	
SUSAP	KLROK7FR35	R	020EDNAHK7EA1E	F 051TF		35400061		+ 01500			RW35	K7PGB JS	
SUSAP	KLROK7FR35	R	020EDNAHK7EA2WN		N	ALNAV						JS	
SUSAP	KLROK7FR35	R	021HEFKAK7EA0E	S 031TF		35400020		V 0084000848		-304		B JS	
SUSAP	KLROK7FR35	R	030RW35	K7PGOGY M 031TF		35400025		00046		-304		B JS	
SUSAP	KLROK7FR35	R	040	0 M 010CA		3540		+ 00360				B JS	
SUSAP	KLROK7FR35	R	050UBUBEK7EA0EY	010DF				+ 03000				B JS	
SUSAP	KLROK7FR35	R	060UBUBEK7EA0EE	L020HM		17400040		+ 03000				B JS	

[illegible]

QUALITY
6
CHECKED

CITY AND STATE MOUNT PLEASANT, SC	ELEVATION: 12 TDZE: 12 AIRPORT NAME: MT PLEASANT RGNL-FAISON FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	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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	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP	KLROK7SRW35 K7PG	0	18018003125									M	

QUALITY
6
CHECKED

CITY AND STATE MOUNT PLEASANT, SC	ELEVATION: 12 TDZE: 12	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: MT PLEASANT RGNL-FAISON FIELD			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 2, 20, STANDARD.

RWY 15, 300 - 2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 360 FEET PER NM TO 1100.

RWY 33, 500 - 3 OR STANDARD WITH MINIMUM CLIMB OF 330 FEET PER NM TO 1300.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 2 - CLIMB HEADING 018.70 TO 2400 BEFORE TURNING.

RWY 15 - CLIMB HEADING 147.47 TO 1400 BEFORE TURNING.

RWY 20 - CLIMB HEADING 198.70 TO 2200 BEFORE TURNING.

RWY 33 - CLIMBING RIGHT TURN HEADING 020.00 TO 2900 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 2, TRAIN 868 FEET FROM DER, 596 FEET RIGHT OF CENTERLINE, 26 FEET AGL/695 FEET MSL. TREES BEGINNING 937 FEET FROM DER, 284 FEET RIGHT OF CENTERLINE, UP TO 80 FEET AGL/738 FEET MSL. TREES BEGINNING 1466 FEET FROM DER, 283 FEET LEFT OF CENTERLINE, UP TO 80 FEET AGL/744 FEET MSL. NOTE: RWY 15, TREES BEGINNING 343 FEET FROM DER, 197 FEET RIGHT OF CENTERLINE, UP TO 91 FEET AGL/770 FEET MSL. VEHICLES ON ROADWAY, 489 FEET FROM DER, ON CENTERLINE, 17 FEET AGL/687 FEET MSL. TREES BEGINNING 537 FEET FROM DER, 242 FEET LEFT OF CENTERLINE, UP TO 97 FEET AGL/767 FEET MSL. (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 2: 2549 MSL TOWER 351234.00N/0851639.00W

RWY 15: 946 MSL POLE 350113.00N/0851100.00W. 2549 MSL TOWER 350806.00N/0851925.00W. 962 MSL TREE 350037.18N/0851017.35W.

RWY 20: 2370 MSL AAO 350012.00N/0852043.00W. 2549 MSL TOWER 350940.25N/0851850.85W.

RWY 33: 990 MSL POLE 350352.00N/0851313.00W. 2549 MSL TOWER 350806.00N/0851925.00W. 1123 MSL TREE 350440.68N/0851430.06W.

QUICK
CHECK

(5) City, State

CHATTANOOGA, TN

(6) Airport

LOVELL FIELD

(7) Effective Date

08 APR 2010

(8) Amdt. No.

11

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

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statute miles or in feet RVR.

(CONT'D) POLES 1011 FEET FROM DER, 292 FEET RIGHT OF CENTERLINE, UP TO 130 FEET AGL/ 809 FEET MSL. TREE 4960 FEET FROM DER, 1054 FEET LEFT OF CENTERLINE, UP TO 103 FEET AGL/917 FEET MSL. POLES BEGINNING 1.01 NM FROM DER, 1012 FEET LEFT OF CENTERLINE, UP TO 86 FEET AGL/ 946 FEET MSL. TREES BEGINNING 1.18 NM FROM DER, 351 FEET RIGHT OF CENTERLINE, UP TO 92 FEET AGL/ 935 FEET MSL. TREES BEGINNING 1.83 NM FROM DER, 1883 FEET LEFT OF CENTERLINE, UP TO 110 FEET AGL/962 FEET MSL. NOTE: RWY 20, TREE 641 FEET FROM DER, 538 FEET LEFT OF CENTERLINE, 50 FEET AGL/712 FEET MSL. TREES BEGINNING 2924 FEET FROM DER, 910 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/782 FEET MSL. NOTE: RWY 33, TREES BEGINNING 236 FEET FROM DER, 519 FEET RIGHT OF CENTERLINE, 50 FEET AGL/719 FEET MSL. TREES BEGINNING 468 FEET FROM DER, 264 FEET LEFT OF CENTERLINE, 50 FEET AGL/669 FEET MSL. TREES BEGINNING 478 FEET FROM DER, 281 FEET RIGHT OF CENTERLINE, 60 FEET AGL/717 FEET MSL. TREES BEGINNING 2424 FEET FROM DER, 375 FEET RIGHT OF CENTERLINE, 60 FEET AGL/787 FEET MSL. TREE 4482 FEET FROM DER, 262 FEET RIGHT OF CENTERLINE, 100 FEET AGL/800 FEET MSL. TREE 1.09 NM FROM DER, 1371 FEET LEFT OF CENTERLINE, 100 FEET AGL/845 FEET MSL. TREES BEGINNING 1.19 NM FROM DER, 3644 FEET RIGHT OF CENTERLINE, 100 FEET AGL/947 FEET MSL. TREE 1.53 NM FROM DER, 2884 FEET RIGHT OF CENTERLINE, UP TO 100 FEET AGL/935 FEET MSL. TREE 1.75 NM FROM DER, 2483 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/972 FEET MSL.

QUALITY
6
CHECKED

City, State CHATTANOOGA, TN		Airport LOVELL FIELD			Effective Date 08 APR 2010	Amdt. No. 11
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												
ABI VORTAC	ANETY (FB)	026.65 / 7.95	3900	LPV: DA LNAV/VNAV: DA LNAV: RW17L											
ROGEE	EHHAD (FB)	224.14 / 19.83	3900												
ANETY (IAF)	HIZSU (FB)	081.71 / 5.00	3900	CLIMB TO 4000 DIRECT IBRIF AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.											
EHHAD (IAF)	HIZSU (FB)	261.81 / 5.00	3900												
HIZSU (IF)	GOFDO (FB)	171.76 / 6.10	3400	ADDITIONAL FLIGHT DATA: HOLD S, RT, 351.76 INBOUND. CHART FAS OBST: 1901 TREE 322455N/0994003W CHART 1980 TOWER 322853N/0994141W. DISTANCE TO THLD FROM 250 HAT: 0.62 NM. CHART VDP AT 0.99 MILES TO RW17L* *LNAV ONLY. WAAS CHANNEL # 50317 REFERENCE PATH ID: W17A CHART: ASR. CHART: ELM DALE AIRPARK (PVT) ON PLANVIEW.											
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 HIZSU 3. FAC: <u>171.76</u> FAF: <u>GOFDO</u> DIST FAF TO MAP: <u>4.82</u> THLD: <u>4.82</u> 4. MIN. ALT: <u>HIZSU 3900, GOFDO 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>3400</u> GS ALT AT: <u>GOFDO 3400</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.2</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW17L 4600</u>															
				MAG VAR: 8E EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: <u> </u> STANDARD <u>X</u> SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</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
LPV DA	2041	3/4	250	2041	3/4	250	2041	3/4	250	2041	3/4	250	2041	3/4	250
LNAV/VNAV DA	2171	1 1/4	380	2171	1 1/4	380	2171	1 1/4	380	2171	1 1/4	380	2171	1 1/4	380
LNAV MDA	2160	1	369	2160	1	369	2160	1	369	2160	1 1/4	369	2160	1 1/4	369
CIRCLING	2260	1	469	2260	1	469	2360	1 1/2	569	2360	2	569	2520	2 1/2	729
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DYESS AFB ALTIMETER SETTING AND SEE 8260-10 @ CAT E 800-2 1/2 @ NA WHEN LOCAL WEATHER NOT AVAILABLE 															
CITY AND STATE		ELEVATION: 1791 TDZE: 1791		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ABILENE, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17L, AMDT 1				AMDT: ORIG-A					
		ABILENE RGNL				08 APR 2010				DATED 08/31/2006					

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

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NOTES CONT.

INCREASE ALL DA 21 FEET AND ALL MDA 40 FEET AND LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C/E, AND CIRCLING CAT C/E VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WHEN USING DYESS AFB ALTIMETER SETTING.

CHART NOTE: VDP NA WITH DYESS AFB ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ABI VORTAC AIRWAY RADIALS 037 CW 071.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROGEE ON V18 EASTBOUND.

CITY AND STATE

ABILENE, TX

ELEVATION: 1791

TDZE: 1791

AIRPORT NAME:

ABILENE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17L, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG-A

DATED: 08/31/2006

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 KABI
RUNWAY RW17L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W17A
LTP/FTP LATITUDE 322430.7115N
LTP/FTP LONGITUDE 0994029.2135W
LTP/FTP ELLIPSOIDAL HEIGHT +05180
FPAP LATITUDE 322301.4300N
FPAP LONGITUDE 0994028.7700W
THRESHOLD CROSSING HEIGHT (TCH) 00054.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0560
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

B4554726

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +05457
FPAP ORTHOMETRIC HEIGHT +05457



CITY AND STATE
ABILENE, TX

ELEVATION: 1791 TDZE: 1791
AIRPORT NAME:
ABILENE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17L, AMDT 1
08 APR 2010

SUP:
AMD'T: ORIG-A
DATED: 08/31/2006

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	6	7	8	9	0	1	2	3
SUSAP KABI4FR17L	AABI	010ABI	K4D	0V	IF					18000		A	JS
SUSAP KABI4FR17L	AABI	020ANETYK4EA0E	A	020TF			02670080	+	03900			A	JS
SUSAP KABI4FR17L	AABI	030HIZSUK4EA0EE	B	010TF			08170050	+	03900			A	JS
SUSAP KABI4FR17L	AROGEE	010ROGEEK4EA0E		IF						18000		A	JS
SUSAP KABI4FR17L	AROGEE	020EHHADK4EA0E	A	020TF			22410198	+	03900			A	JS
SUSAP KABI4FR17L	AROGEE	030HIZSUK4EA0EE	B	010TF			26180050	+	03900			A	JS
SUSAP KABI4FR17L	R	010HIZSUK4EA0E	I	IF				+	03900	18000		A	JS
SUSAP KABI4FR17L	R	020GOFDOK4EA1E	F	051TF			17180061	+	03400		RW17L	K4PGA	JS
SUSAP KABI4FR17L	R	020GOFDOK4EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KABI4FR17L	R	030RW17LK4PGCGY	M	031TF			17180048		01845	-300		A	JS
SUSAP KABI4FR17L	R	040	0	M	010CA		1718	+	02041			A	JS
SUSAP KABI4FR17L	R	050IBRIFK4EA0EY		010DF				+	04000			A	JS
SUSAP KABI4FR17L	R	060IBRIFK4EA0EE		R020HM			35180040	+	04000			A	JS

QUALITY
6
CHECK

CITY AND STATE ABILENE, TX	ELEVATION: 1791 TDZE: 1791 AIRPORT NAME: ABILENE RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17L, AMDT 1 08 APR 2010	SUP:	
				AMDT:	ORIG-A
				DATED:	08/31/2006

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.

SUSAP KABIK4GRW17L 0071981718 N32243071W099402921-0200 +0518001791000054150R

SUSAP KABIK4PRI17L RW17L001 0000W17AQN3234307115W09940292135+051860300N3223014300W09940287700106750560000542F400500B4554726
SUSAP KABIK4PRI17L RW17L003E +05457+05457LEV 50317

SUSAP KABIK4SRW17LK4PG 0 160160004625

PAGE 5 OF 5 PAGES

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												
ABI VORTAC	INECO (FB)	156.26 / 17.16	4000	LPV: DA LNAV/VNAV: DA LNAV: RW35R CLIMB TO 4000 DIRECT GOFDO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD N, RT, 171.76 INBOUND. CHART FAS OBST: 1919 TREE 322248N/0993947W CHART FAS OBST: 1939 TREE 322109N/0994121W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.34 MILES TO RW35R* *LNAV ONLY. WAAS CHANNEL # 97517 REFERENCE PATH ID: W35A CHART: ASR. CHART: ELMDALE AIRPARK (PVT) ON PLANVIEW.											
SITNA	KEYJO (FB)	261.74 / 26.70	4000												
INECO (IAF)	NILSE (FB)	081.71 / 5.00	4000												
KEYJO (IAF)	NILSE (FB)	261.81 / 5.00	4000												
NILSE (IF)	IBRIF (FB)	351.76 / 6.10	3400												
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT NILSE 3. FAC: <u>351.76</u> FAF: <u>IBRIF</u> DIST FAF TO MAP: <u>4.85</u> THLD: <u>4.85</u> 4. MIN. ALT: <u>NILSE 4000, IBRIF 3400, BERUF/1.90 NM TO RW35R 2440*</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>3400</u> GS ALT AT: <u>IBRIF 3400</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.7</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW35R 4600</u>				MAG VAR: 8E EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: <u> </u> STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>N/A</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
LPV DA	1976	2400	200	1976	2400	200	1976	2400	200	1976	2400	200	1976	2400	200
LNAV/VNAV DA	2189	5000	413	2189	5000	413	2189	5000	413	2189	5000	413	2189	5000	413
LNAV MDA	2260	2400	484	2260	2400	484	2260	4000	484	2260	5000	484	2260	6000	484
CIRCLING	2260	1	469	2260	1	469	2360	1 1/2	569	2360	2	569	2520	2 1/2	729
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DYESS AFB ALTIMETER SETTING AND SEE 8260-10. @ CAT E 800-2 1/2 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 1791 TDZE: 1776		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ABILENE, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35R, AMDT 1				AMDT: ORIG-A					
		ABILENE RGNL				08 APR 2010				DATED 09/06/2001					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

INCREASE ALL DA 21 FEET AND ALL MDA 40 FEET AND LNAV CAT C/D AND CIRCLING CAT C/E VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILES, AND LNAV CAT E VISIBILITY TO 1 3/4 MILES.

CHART NOTE: BARO-VNAV NA WHEN USING DYESS AFB ALTIMETER SETTING.

CHART NOTE: VDP NA WITH DYESS AFB ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ABI VORTAC AIRWAY RADIALS 099 CW 195.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SITNA ON V94 EASTBOUND.

1174
6
RECEIVED

CITY AND STATE

ABILENE, TX

ELEVATION: 1791 TDZE: 1776

AIRPORT NAME:

ABILENE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 35R, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG-A

DATED: 09/06/2001

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KABI
RUNWAY RW35R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A
LTP/FTP LATITUDE 322319.4930N
LTP/FTP LONGITUDE 0994028.8585W
LTP/FTP ELLIPSOIDAL HEIGHT +05136
FPAP LATITUDE 322432.6900N
FPAP LONGITUDE 0994029.2200W
THRESHOLD CROSSING HEIGHT (TCH) 00057.7
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0064
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

0D29DCEF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +05413
FPAP ORTHOMETRIC HEIGHT +05413

QUALITY
6
CHECKED

CITY AND STATE
ABILENE, TX

ELEVATION: 1791 TDZE: 1776
AIRPORT NAME:
ABILENE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35R, AMDT 1
08 APR 2010

SUP:
AMDT: ORIG-A
DATED: 09/06/2001

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KABIK4FR35R	AABI	010ABI	K4D QV	IF					18000			A JS	
SUSAP KABIK4FR35R	AABI	020INECOK4EA0E	A	020TF		15630172		+ 04000				A JS	
SUSAP KABIK4FR35R	AABI	030NILSEK4EA0EE	B	010TF		08170050		+ 04000				A JS	
SUSAP KABIK4FR35R	ASITNA	010SITNAK4EA0E		IF					18000			A JS	
SUSAP KABIK4FR35R	ASITNA	020KEYJOK4EA0E	A	020TF		26170267		+ 04000				A JS	
SUSAP KABIK4FR35R	ASITNA	030NILSEK4EA0EE	B	010TF		26180050		+ 04000				A JS	
SUSAP KABIK4FR35R	R	010NILSEK4EA0E	I	IF				+ 04000	18000			A JS	
SUSAP KABIK4FR35R	R	020IBRIFK4EA1E	P	051TF		35180061		+ 03400			RW35R K4PGA	JS	
SUSAP KABIK4FR35R	R	020IBRIFK4EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KABIK4FR35R	R	021BERUFK4EA0E	S	031TF		35180030		V 0244002442		-300		A JS	
SUSAP KABIK4FR35R	R	030RW35RK4PG0GY	M	031TF		35180019		01834		-300		A JS	
SUSAP KABIK4FR35R	R	040	Q	M	010CA	3518		+ 01976				A JS	
SUSAP KABIK4FR35R	R	050GOFDOK4EA0EY		010DF				+ 04000				A JS	
SUSAP KABIK4FR35R	R	060GOFDOK4EA0EE		R020HM		17180040		+ 04000				A JS	

6
CHECKED

CITY AND STATE ABILENE, TX	ELEVATION: 1791 TDZE: 1776	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 35R, AMDT 1	AMDT: ORIG-A
	ABILENE RGNL		08 APR 2010	DATED: 09/06/2001

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SUSAP KABIK4GRW35R 0071983518 N32231949W099402886+0200 +0513601776000058150Y

SUSAP KABIK4PR35R	RW35R001	0000W35A0N3223194930W09940288585+051360300N3224326900W09940292200106500064000577F4003500D29DCBF
SUSAP KABIK4PR35R	RW35R002E	+05413+05413LPV 97517

SUSAP KARIK4SRW35EK4PG	0	18018004625	M

QUALITY
6
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				
SHAKY	ECSOJ (FB)	234.74 / 51.39	3500	LNAV: RW17			
ABI VORTAC	HAUTL (FB)	036.07 / 35.62	3500				
GEENI	ECSOJ (FB)	337.17 / 43.81	3500	CLIMB TO 3500 DIRECT HAVPU AND HOLD.			
HAUTL (IAF)	JAMKU (NOPT) (FB)	080.31 / 5.00	3500				
ECSOJ (IAF)	JAMKU (NOPT) (FB)	260.41 / 5.00	3500	ADDITIONAL FLIGHT DATA: HOLD S, RT, 350.36 INBOUND. CHART FAS OBST: 1559 TREE 324540N/0991608W CEVEB TO RW17: 3.04/40. CHART: 1619 TREE 324628N/0991708W. CHART BRECKENRIDGE AWOS-3.			
JAMKU (IF/IAF)	CEVEB (FB)	170.36 / 6.02	3000				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD N JAMKU, RT, 170.36 INBOUND, 3500 FT. IN LIEU OF PT (IAF)	
3. FAC: 170.36 FAF: CEVEB DIST FAF TO MAP: 4.88 THLD: 4.88	
4. MIN. ALT: JAMKU 3500, CEVEB 3000, FEGTI/2.50 NM TO RW17 2220	
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: RW17 3500	

MAG VAR: 8E 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	1880	1	467	1880	1	467	1880	1 1/4	467		NA				
CIRCLING	2000	1	575	2000	1	575	2000	1 1/2	575		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: USE BRECKENRIDGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE ABILENE ALTIMETER SETTING
 AND INCREASE ALL MDA 60 FEET AND LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC RADIALS 037 CW 071.

CITY AND STATE ALBANY, TX	ELEVATION: 1425 TDZE: 1413 AIRPORT NAME: ALBANY MUNI AIRPORT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 08 APR 2010	SUP: AMDT: NONE DATED:

QUALITY
4
RECORD

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

QUALITY
1
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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	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4FR17	R	030RW17	K4PG0GY	M 031TF		17040025	01426		-304		B JS	
	SUSAP KT23K4FR17	R	040HAVPUK4EA0EYM	010DF				+ 03500				B JS	
	SUSAP KT23K4FR17	R	050HAVPUK4EA0EE	R020HM			35040040	+ 03500				B JS	
	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4GRW17		0050001704	N32434170W099160413+0500			01386000040075R						
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4SRW17	K4PG		0	18018003525							M	



CITY AND STATE ALBANY, TX	ELEVATION: 1425 TDZE: 1413	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: ALBANY MUNI AIRPORT			AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ABI	ABI	010		IF		FB				
	ABI	HAUTL	020	IAF	TF		FB	2.0	036.1 (044T)	035.6	03500
	ABI	JAMKU	030	IF	TF		FB	1.0	080.3 (088T)	005.0	03500
	GEENI	GEENI	010		IF		FB				
	GEENI	ECSOJ	020	IAF	TF		FB	2.0	337.2 (345T)	043.8	03500
	GEENI	JAMKU	030	IF	TF		FB	1.0	260.4 (268T)	005.0	03500
	JAMKU	JAMKU	010	IAF	HF	R	FO		170.4 (178T)	004.0	03500
	SHAKY	SHAKY	010		IF		FB				
	SHAKY	ECSOJ	020	IAF	TF		FB	2.0	234.7 (243T)	051.4	03500
	SHAKY	JAMKU	030	IF	TF		FB	1.0	260.4 (268T)	005.0	03500
		JAMKU	010	FACF	IF		FB				03500
		CEVEB	020	FAF	TF		FB	0.5	170.4 (178T)	006.0	03000
		PEGTI	021	SDF	TF		FB	0.3	170.4 (178T)	002.4	0222002228
		RW17	030	MAP	TF		FO	0.3	170.4 (178T)	002.5	01426

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAVPU	040		DF		FO	1.0			03500
	HAVPU	050		HM	R	FO	2.0	350.4 (358T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABI	N322852.78	W0995148.45	N3228.880	W09951.808
	CEVEB	N324834.75	W0991614.07	N3248.579	W09916.235
	ECSOJ	N325445.18	W0991030.14	N3254.753	W09910.502
	PEGTI	N324611.94	W0991609.22	N3246.199	W09916.154
	GEENI	N321219.72	W0985711.05	N3212.329	W09857.184
	HAUTL	N325427.98	W0992222.56	N3254.466	W09922.376
	HAVPU	N323202.01	W0991540.47	N3232.034	W09915.675
	JAMKU	N325436.72	W0991626.36	N3254.612	W09916.439
	SHAKY	N331832.23	W0981613.97	N3318.537	W09816.233
	RW17	N324341.70	W0991604.13	N3243.695	W09916.069

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	01386		40

CITY AND STATE ALBANY, TX	ELEVATION: 1425 TDZE: 1413	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: ALBANY MUNI AIRPORT			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	
SHAKY	FEKUX (FB)	216.48 / 64.59	3500	LNAV: RW35
ABI VORTAC	IDOVY (FB)	075.17 / 25.73	3500	
GEENI	FEKUX (FB)	323.78 / 22.49	3500	CLIMB TO 3500 DIRECT JAMKU AND HOLD.
IDOVY (IAF)	HAVPU (NOPT) (FB)	080.31 / 5.00	3500	
FEKUX (IAF)	HAVPU (NOPT) (FB)	260.41 / 5.00	3500	ADDITIONAL FLIGHT DATA: HOLD N, RT, 170.36 INBOUND. CHART FAS OBST: 1529 TREE 324117N/0991510W ANQIJ TO RW35: 3.04/40. FAS OBST: 1659 AAO 323803N/0991539W. CHART BRECKENRIDGE AWOS-3.
HAVPU (IF/IAF)	ANQIJ (FB)	350.36 / 6.02	3000	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD S HAVPU, RT, 350.36 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 350.36 FAF: ANQIJ DIST FAF TO MAP: 4.80 THLD: 4.80
4. MIN. ALT: HAVPU 3500, ANQIJ 3000, GIHYO/1.80 NM TO RW35 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCP: GS ALT AT: OM: MM: IM:
7. GS ANGLE: TCH: 34:1 IS CLEAR
8. MSA FROM: RW35 3500

MAG VAR: 8E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: ☒ STANDARD	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	
LNAV MDA	1860	1	447	1860	1	447	1860	1 1/4	447		NA					
CIRCLING	2000	1	575	2000	1	575	2000	1 1/2	575		NA					

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE BRECKENRIDGE ALTIMETER SETTING; WHEN NOT RECEIVED, USE ABILENE ALTIMETER SETTING
AND INCREASE ALL MDA 60 FEET AND LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC RADIALS 037 CW 099.

QUALITY
CHECKED

CITY AND STATE ALBANY, TX	ELEVATION: 1425 TDZE: 1413 AIRPORT NAME: ALBANY MUNI AIRPORT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	SUP:
				AMDT: NONE
				DATED

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[illegible]

NAPABILENE

[illegible]

SUSABAEENRT	ANQIJ	K40	W		N32380402W099155270	NAR	ANQIJ
SUSABAEENRT	FEKUX	K40	W		N32321047W099094575	NAR	FEKUX
SUSABAEENRT	GEENI	K40	C	B	N32121972W098571105	NAR	GEENI
SUSABAEENRT	GIHYO	K40	W		N32410407W099155879	NAR	GIHYO
SUSABAEENRT	HAVPU	K40	W		N32320201W099154047	NAR	HAVPU
SUSABAEENRT	IDOVY	K40	W		N32315327W099213517	NAR	IDOVY
SUSABAEENRT	JAMKU	K40	W		N32543672W099162636	NAR	JAMKU
SUSABAEENRT	SHAKY	K40	R	L	N33183223W098161397	NAR	SHAKY

[illegible]

SUSAP KT23K4AT23	0	050YHN32431590W0991603302008001425	1800018000C	MNAR	ALBANY MUNI AIRPORT

[illegible]

SUSAP	KT23K4FR35	AABI	010ABI	K4D	0V	IF				18000		B	JS
SUSAP	KT23K4FR35	AABI	020IDOVYK4EA0E	A	020TF		07520257	+	03500			B	JS
SUSAP	KT23K4FR35	AABI	030HAVPUK4EA0EE	B	010TF		08030050	+	03500			B	JS
SUSAP	KT23K4FR35	AGEENI	010GEENIK4EA0E		IF					18000		B	JS
SUSAP	KT23K4FR35	AGEENI	020FEKUXK4EA0E	A	020TF		32380225	+	03500			B	JS
SUSAP	KT23K4FR35	AGEENI	030HAVPUK4EA0EE	B	010TF		26040050	+	03500			B	JS
SUSAP	KT23K4FR35	AHAVPU	010HAVPUK4EA0EE	AR	HF		35040040	+	03500	18000		B	JS
SUSAP	KT23K4FR35	ASHAKY	010SHAKYK4EA0E		IF					18000		B	JS
SUSAP	KT23K4FR35	ASHAKY	020FEKUXK4EA0E	A	020TF		21650646	+	03500			B	JS
SUSAP	KT23K4FR35	ASHAKY	030HAVPUK4EA0EE	B	010TF		26040050	+	03500			B	JS
SUSAP	KT23K4FR35	R	010HAVPUK4EA0E	I	IF			+	03500	18000		B	JS
SUSAP	KT23K4FR35	R	020ANQIJK4EA1E	F	051TF		35040060	+	03000		RW35	K4PGB	JS
SUSAP	KT23K4FR35	R	020ANQIJK4EA2WN			N							JS
SUSAP	KT23K4FR35	R	021GIHYOK4EA0E	S	031TF	ALNAV	35040030	V	0200002028	-304		B	JS

QUALITY
CHECKED

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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	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4FR35	R	030RW35	K4PGGY	M	031TF		35040018	01452	-304		B JS	
	SUSAP KT23K4FR35	R	040JAMKUK4EA0EYM	010DF					+ 03500			B JS	
	SUSAP KT23K4FR35	R	050JAMKUK4EA0EE	R020HM				17040040	+ 03500			B JS	
	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4GRW35	0050003504	N32425224W099160245-0500					01412000040075R					
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KT23K4SRW35	K4PG	0	18018003525								M	

QUALITY
1
CHECKED

CITY AND STATE
ALBANY, TX

ELEVATION: 1425 TDZE: 1413
 AIRPORT NAME:
 ALBANY MUNI AIRPORT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 35, ORIG
 08 APR 2010

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 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ABI	ABI	010		IF		FB				
	ABI	IDOVY	020	IAF	TF		FB	2.0	075.2(083T)	025.7	03500
	ABI	HAVPU	030	IF	TF		FB	1.0	080.3(088T)	005.0	03500
	GEENI	GEENI	010		IF		FB				
	GEENI	FEKUX	020	IAF	TF		FB	2.0	323.8(332T)	022.5	03500
	GEENI	HAVPU	030	IF	TF		FB	1.0	260.4(268T)	005.0	03500
	HAVPU	HAVPU	010	IAF	HF	R	FO		350.4(358T)	004.0	03500
	SHAKY	SHAKY	010		IF		FB				
	SHAKY	FEKUX	020	IAF	TF		FB	2.0	216.5(225T)	064.6	03500
	SHAKY	HAVPU	030	IF	TF		FB	1.0	260.4(268T)	005.0	03500
		HAVPU	010	FACF	IF		FB				03500
		ANQIJ	020	PAF	TF		FB	0.5	350.4(358T)	006.0	03000
		GIHYO	021	SDF	TF		FB	0.3	350.4(358T)	003.0	0200002028
		RW35	030	MAP	TF		FO	0.3	350.4(358T)	001.8	01452

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JAMKU	040		DF		FO	1.0			03500
	JAMKU	050		HM	R	FO	2.0	170.4(178T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ABI	N322852.78	W0995148.45	N3228.880	W09951.808
	ANQIJ	N323804.02	W0991552.70	N3238.067	W09915.878
	FEKUX	N323210.47	W0990945.75	N3232.175	W09909.763
	GEENI	N321219.72	W0985711.05	N3212.329	W09857.184
	GIHYO	N324104.07	W0991558.79	N3241.068	W09915.980
	HAVPU	N323202.01	W0991540.47	N3232.034	W09915.675
	IDOVY	N323153.27	W0992135.17	N3231.888	W09921.586
	JAMKU	N325436.72	W0991626.36	N3254.612	W09916.439
	SHAKY	N331832.23	W0981613.97	N3318.537	W09816.233
	RW35	N324252.24	W0991602.45	N3242.871	W09916.041

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW35	01412	40

QUALITY
1
CHECKED

CITY AND STATE ALBANY, TX	ELEVATION: 1425 TDZE: 1413	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: ALBANY MUNI AIRPORT			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 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

ALBANY, TX

(6) Airport

ALBANY MUNI AIRPORT

(7) Effective Date

08 APR 2010

(8) Amdt. No.

ORIG

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 08 APR 2010

CITY AND STATE CARRIZO SPRINGS, TX	ELEVATION: 599 TDZE: 590 AIRPORT NAME: DIMMIT COUNTY	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 31, ORIG, 12/30/1999	QUALITY 2 CHECKED SUP AMDT NONE DATE

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
TERMINAL ROUTES				MISSED APPROACH		
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW31 CLIMBING RIGHT TURN TO 2500 DIRECT ADDIL AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 679 TREE 283054N/0994942W AVDUW TO RW31: 3.04/40.		
COT VORTAC	EWUPE (FB)	261.65 / 25.69	2500			
EWUPE (IAF)	ADDIL (NOPT) (FB)	217.09 / 5.00	2500			
ADDIL (IF/IAF)	AVDUW (FB)	307.06 / 6.01	2200			
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE ADDIL, RT, 307.06 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>307.02</u> FAF: <u>AVDUW</u> DIST FAF TO MAP: <u>4.88</u> THLD: <u>4.88</u> 4. MIN. ALT: <u>ADDIL 2500, AVDUW 2200, ETIKY/1.80 NM TO RW31 1200</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>RW31 16000</u>				MAG VAR: 7E EPOCH YEAR: 2000		
MINIMUMS						
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	☐ A	☒ X	
CATEGORY =====>	A		B		C	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	
LNAV MDA	1040	1	450	1040	1	
CIRCLING	1120	1	521	1200	1	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE COTULLA ALTIMETER SETTING, WHEN NOT RECEIVED USE UVALDE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.						
CITY AND STATE CARRIZO SPRINGS, TX		ELEVATION: 599 TDZE: 590 AIRPORT NAME: DIMMIT COUNTY		FACILITY IDENTIFIER: RNAV PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010		
						SUP:
						AMDT: NONE
				DATED		



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[illegible]

QUALITY
2
CHECKED

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

SUSAP KCZTK4SRW31 K4PG					0	18018016025						M	

QUALITY
CHECKED

CITY AND STATE
CARRIZO SPRINGS, TX

ELEVATION: 599 TDZE: 590
AIRPORT NAME:
DIMMIT COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
08 APR 2010

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 08 APR 2010

 QUALITY
2
CHECKED

CITY AND STATE EL PASO, TX	ELEVATION: 3959 TOZE: 3923 AIRPORT NAME: EL PASO INTL.	FACILITY IDENTIFIER GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 4, ORIG-B, 03/12/2009	SUP
				AMDT ORIG-A
				DATE 12/27/2001

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									
KANTR (IF) EKOGE	EKOGE (FB)	038.90 / 3.00	6600	LNAV: RW04 CLIMB TO 6900 DIRECT WAHYU AND ON 096.19 TRACK TO EL PASO VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6900. ADDITIONAL FLIGHT DATA: HOLD E, LT, 261.48 INBOUND. CHART FAS OBST: 4035 TANK 314749N/1062510W CHART VDP AT 1.09 MILES TO RW04. LATIN TO RW04: 3.42/55. CHART: BIGGS AAF CHART: ASR								
	LATIN (FB)	038.93 / 3.00	5800									
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT KANTR 3. FAC: <u>038.95</u> FAF: <u>LATIN</u> DIST FAF TO MAP: <u>5.04</u> THLD: <u>5.04</u> 4. MIN. ALT: <u>KANTR 7500, EKOGE 6600, LATIN 5800, HOLAG/1.70 NM TO RW04 4580</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>150</u> 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>RW04 6900</u>				MAG VAR: <u>11E</u> EPOCH YEAR: <u>1985</u>								
MINIMUMS												
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>N A</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
LNAV MDA	4320	5000	397	4320	5000	397	4320	5000	397	4320	6000	397
CIRCLING	4420	1	461	4460	1	501	4460	1 1/2	501	4520	2	561
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.												
CITY AND STATE		ELEVATION: 3959 TDZE: 3923		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
EL PASO, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 4, ORIG			AMDT: NONE			
		EL PASO INTL				08 APR 2010			DATED			

QUALITY
2
CHECKED

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[illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789	01234567890	12345678901	23456789012	34567890123
	SLAMEAENRT	EKOGE MM0	W	N31425455W106311263				NAR		EKOGE			
	SUSAEAENRT	HOLAG K40	W	N31465983W106253112				NAR		HOLAG			
	SLAMEAENRT	KANTR MM0	C	N31405846W106335397				NAR		KANTR			
	SLAMEAENRT	LATIN MM0	C	N31445071W106283101				NAR		LATIN			
	SUSAEAENRT	WAHYU K40	W	N31500537W106211223				NAR		WAHYU			

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KELPK4FR04	R	010KANTRMMEA0E	I	IF				+ 07500	18000			B JS	
SUSAP KELPK4FR04	R	011EKOCEMMEA0E	S	051TF			03890030	+ 06600				B JS	
SUSAP KELPK4FR04	R	020LATINMMEA1E	F	051TF			03890030	+ 05800			RW04	K4PGB JS	
SUSAP KELPK4FR04	R	020LATINMMEA2WN			N	ALNAV						JS	
SUSAP KELPK4FR04	R	023HOLACK4EA0E	S	031TF			03900033	V 0458004592		-342		B JS	
SUSAP KELPK4FR04	R	030RW04 K4PG0GY	M	031TF			03900017	03972		-342		B JS	
SUSAP KELPK4FR04	R	040	0	M 010CA			0390	+ 04320				B JS	
SUSAP KELPK4FR04	R	050WAHYUK4EA0E		010DF								B JS	
SUSAP KELPK4FR04	R	060ELP	K4D	0VY 010TF			0962	+ 06900				B JS	
SUSAP KELPK4FR04	R	070ELP	K4D	0VE 1020HM			26150070	+ 06900				B JS	

[illegible]

QUALITY
1
CHECKED

CITY AND STATE EL PASO, TX	ELEVATION: 3959 TDZE: 3923	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: EL PASO INTL			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]

QUALITY
1
CHECKED

CITY AND STATE EL PASO, TX	ELEVATION: 3959 TDZE: 3923 AIRPORT NAME: EL PASO INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 08 APR 2010	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 17, 35 STANDARD.

RWY 12, 300-1.

RWY 30, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 282 FT PER NM TO 700.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 12 - CLIMB HEADING 122.98 TO 1100 BEFORE TURNING NORTHBOUND.

RWY 30 - CLIMB HEADING 302.98 TO 2100 BEFORE TURNING NORTHBOUND.

RWY 35 - CLIMB HEADING 347.00 TO 1900 BEFORE TURNING WESTBOUND.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, MULTIPLE TREES BEGINNING 143' FROM DER, 440' RIGHT OF CENTERLINE, UP TO 100' AGL/549' MSL. MULTIPLE TREES BEGINNING 237' FROM DER, 59' LEFT OF CENTERLINE, UP TO 100' AGL/609' MSL. VEHICLE ON ROAD BEGINNING 652' FROM DER, 401' LEFT OF CENTERLINE, UP TO 15' AGL/464' MSL. TERRAIN BEGINNING 82' FROM DER, 18' RIGHT OF CENTERLINE 447' MSL. TERRAIN BEGINNING 291' FROM DER, 132' LEFT OF CENTERLINE, 506' MSL.

NOTE: RWY 17, MULTIPLE TREES BEGINNING 399' FROM DER, 86' RIGHT OF CENTERLINE, UP TO 100' AGL/539' MSL. MULTIPLE TREES BEGINNING 163' FROM DER, 103' LEFT OF CENTERLINE, UP TO 100' AGL/549' MSL. NOTE: RWY 30, MULTIPLE TREES BEGINNING (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 12: 898' MSL TOWER 320737.00N/0944758.00W, 609' MSL TREE 320809.93N/0945021.66W

RWY 30: 1720' MSL TOWER 321536.39N/0945703.22W, 629' MSL TREE 320922.00N/0945158.00W

RWY 35: 1720' MSL TOWER 321536.39N/0945703.22W



(5) City, State

HENDERSON, TX

(6) Airport

RUSK COUNTY

(7) Effective Date

08 APR 2010

(8) Amdt. No.

2

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)

640' FROM DER, 116' RIGHT OF CENTERLINE, UP TO 100' AGL/539' MSL. MULTIPLE TREES BEGINNING 478' FROM DER, 141' LEFT OF CENTERLINE, UP TO 100' AGL/539' MSL. TERRAIN BEGINNING 41' FROM DER, 334' RIGHT OF CENTERLINE, 0' AGL/437' MSL. TERRAIN BEGINNING 102' FROM DER, 459' LEFT OF CENTERLINE, 0' AGL/437' MSL. NOTE: RWY 35, VEHICLE ON ROAD BEGINNING 145' FROM DER, 333' RIGHT OF CENTERLINE, UP TO 15' AGL/454' MSL. TREES BEGINNING 1155' FROM DER, 353' RIGHT OF CENTERLINE, UP TO 100' AGL/549' MSL. TREES BEGINNING 158' FROM DER, 269' LEFT OF CENTERLINE, UP TO 100' AGL/539' MSL.

City, State HENDERSON, TX		Airport RUSK COUNTY		Effective Date 08 APR 2010	Amdt. No. 2
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ZOTAP (IAF)	CALEX (NOPT) (FB)	089.74 / 5.00	2500	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 4000 DIRECT HINET AND RIGHT TURN VIA TRACK 297.32 TO OSCER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 243.67 INBOUND. CHART FAS OBST: 539 TOWER 304634N/0953552W DISTANCE TO THLD FROM 250 HAT: 0.78 NM. CHART VDP AT 1.38 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 72811 REFERENCE PATH ID: W18A
SHOEE (IAF)	CALEX (NOPT) (FB)	269.84 / 5.00	2500	
CALEX (IF/IAF)	FRINK (FB)	179.79 / 6.16	1900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N CALEX, RT, 179.79 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 179.79 FAF: FRINK DIST FAF TO MAP: 4.84 THLD: 4.84
- MIN. ALT: CALEX 2500, FRINK 1900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: 1900 GS ALT AT: FRINK OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 6E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @							
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	588	1	250	588	1	250	588	1	250				NA			
LNAV/VNAV DA	886	2	548	886	2	548	886	2	548				NA			
LNAV MDA	840	1	502	840	1	502	840	1 1/2	502				NA			
CIRCLING	900	1	537	900	1	537	900	1 1/2	537				NA			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING LONE STAR EXECUTIVE 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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
CHECKED

CITY AND STATE HUNTSVILLE, TX	ELEVATION: 363 TDZE: 338 AIRPORT NAME: HUNTSVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG-A 08 APR 2010	SUP: AMDT: ORIG DATED 03/12/2009

**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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: VDP NA WHEN USING LONE STAR EXECUTIVE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE STAR EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 75 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	090/30 CW 270/30 (NOPT)	CALEX (IF/IAF) (FB)	2500
2.	270/30 CW 360/30	SHOEE (IAF) (FB)	2500
3.	360/30 CW 090/30	ZOTAP (IAF) (FB)	3000

QUALITY
CHECKED

CITY AND STATE
HUNTSVILLE, TX

ELEVATION: 363 TDZE: 338
AIRPORT NAME:
HUNTSVILLE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG-A
08 APR 2010

SUP:
AMDT: ORIG
DATED: 03/12/2009

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUTS
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	304513.4200N
LTP/FTP LONGITUDE	0953510.8720W
LTP/FTP ELLIPSOIDAL HEIGHT	+00643
FPAP LATITUDE	304344.5700N
FPAP LONGITUDE	0953521.2800W
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

DA8E7A2D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00913
FPAP ORTHOMETRIC HEIGHT	+00913



CITY AND STATE HUNTSVILLE, TX	ELEVATION: 363 TDZE: 338 AIRPORT NAME: HUNTSVILLE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG-A 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 03/12/2009

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KUTSK4FR18	ACALEX	010CALEXK4EA0EE	AR	HF		17980040		+ 02500	18000			A JS	
SUSAP KUTSK4FR18	ASHOEE	010SHOEEK4EA0E	A	IF					18000			A JS	
SUSAP KUTSK4FR18	ASHOEE	020CALEXK4EA0EE	B	010TF		26980050		+ 02500				A JS	
SUSAP KUTSK4FR18	AZOTAP	010ZOTAPK4EA0E	A	IF					18000			A JS	
SUSAP KUTSK4FR18	AZOTAP	020CALEXK4EA0EE	B	010TF		08970050		+ 02500				A JS	
SUSAP KUTSK4FR18	R	010CALEXK4EA0E	I	IF				+ 02500	18000			A JS	
SUSAP KUTSK4FR18	R	020FRINKK4EA1E	F	051TF		17980062		+ 01900				A JS	
SUSAP KUTSK4FR18	R	020FRINKK4EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KUTSK4FR18	R	030RW18 K4PG0GY	M	031TF		17980048		00339		-300		A JS	
SUSAP KUTSK4FR18	R	040	0	M	010CA	1798		+ 00588				A JS	
SUSAP KUTSK4FR18	R	050HINETK4EA0E		010DF								A JS	
SUSAP KUTSK4FR18	R	060OSCERK4EA0EY	R	010TFY		2973		+ 04000				A JS	
SUSAP KUTSK4FR18	R	070OSCERK4EA0EE	R	020HM		24370040		+ 04000				A JS	

[illegible]

QUALITY
7
CHECKED

SUP:	
AMDT:	ORIG
DATED:	03/12/2009

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]

QUALITY
7
CHECKED

ELEVATION: 363 TDZE: 338
AIRPORT NAME:
HUNTSVILLE MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG-A
08 APR 2010

SUP:	
AMDT:	ORIG
DATED:	03/12/2009

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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: 4.48 MILES AFTER FABIC OM CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT DAN VOR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SBV VORTAC AND HOLD W, RT, 080.55 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.11 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD W SBV VORTAC, RT, 080.55 INBOUND. FAS OBST: 779 AAO 363038N/0792147W 819 AAO 362814N/0792145W. CHART IN PLANVIEW: SBV VORTAC.	
DAN VOR	LANTA INT	202.89 / 12.07	3000		
GSO VORTAC (IAF)	LANTA INT (NOPT)	057.12 / 33.92	3000		
LANTA INT (IF/IAF)	FABIC OM	025.31 / 7.17 (I-DAN)	2100		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW LANTA, RT, 025.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 025.31 FAF: FABIC OM DIST FAF TO MAP: 4.48 THLD: 4.48 4. MIN. ALT: LANTA 3000, FABIC OM 2100* 5. DIST TO THLD FROM OM: 4.48 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 900 6. MIN GS INCPT: 2100 GS ALT AT: GS INTCP OM: 2035 MM: - IM: - 7. GS ANGLE: 3.00 TCH: 54.4 8. MSA FROM: DAN VOR 270-360 3300, 360-270 2700				MAG VAR: 9W EPOCH YEAR: 2010	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 2	758	1/2	200	758	1/2
S-LOC 2	1040	1/2	482	1040	1/2
CIRCLING	1080	1	509	1080	1
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO, NC ALTIMETER SETTING AND INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, INCREASE S-LOC 2 VISIBILITY CATS C AND D 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING ROXBORO, NC ALTIMETER SETTING, INCREASE S-ILS 2 VISIBILITY ALL CATS TO 1. SEE 8260-10					
CITY AND STATE DANVILLE, VA		ELEVATION: 571 TDZE: 558 AIRPORT NAME: DANVILLE REGIONAL		FACILITY IDENTIFIER: I-DAN PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 2, AMDT 4 08 APR 2010	
				SUP: ILS RWY 2 AMDT: 3 DATED 08/13/1998	

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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GSO VORTAC AIRWAY RADIALS 360 CW 108.

CHART NOTE: CIRCLING NA AT NIGHT TO RWY 31.

QUALITY
6
CHECKED

CITY AND STATE

DANVILLE, VA

ELEVATION: 571

TDZE: 558

AIRPORT NAME:

DANVILLE REGIONAL

FACILITY
IDENTIFIER:

I-DAN

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 2, AMDT 4

08 APR 2010

SUP: ILS RWY 2

AMDT: 3

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 02, 20, 31, STANDARD

RWY 13, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 299' PER NM TO 900.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, TREE 1092' FROM DER, 8' LEFT OF CENTERLINE, 67' AGL/586' MSL. TREE 1524' FROM DER, 659' RIGHT OF CENTERLINE, 67' AGL/606' MSL. NOTE: RWY 13, TREES BEGINNING 569' FROM DER, 300' RIGHT OF CENTERLINE, UP TO 100' AGL/759' MSL. TREES BEGINNING 680' FROM DER, 308' LEFT OF CENTERLINE, UP TO 65' AGL/604' MSL. NOTE: RWY 20, TREE 1328' FROM DER, 633' RIGHT OF CENTERLINE, 30' AGL/569' MSL. NOTE: RWY 31, HANGER 395' FROM DER, 573' LEFT OF CENTERLINE, 23' AGL/602' MSL. POLE 1002' FROM DER, 375' LEFT OF CENTERLINE, 29' AGL/608' MSL. ANTENNA 1165' FROM DER, 416' LEFT OF CENTERLINE, 62' AGL/641' MSL. TREES BEGINNING 1206' FROM DER, 287' LEFT OF CENTERLINE, UP TO 80' AGL/699' MSL. TREES BEGINNING 2180' FROM DER, 632' RIGHT OF CENTERLINE, UP TO 62' AGL/681' MSL.

(4) CONTROLLING OBSTACLES:

RWY 13: 759 MSL TREE 363328.03N/0791850.25W



(5) City, State

DANVILLE, VA

(6) Airport

DANVILLE REGIONAL

(7) Effective Date

08 APR 2010

(8) Amdt. No.

1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DAN VOR
UFFIN INT	DAN VOR	069.46 / 7.49	2400	CLIMB TO 2300 THEN RIGHT TURN DIRECT DAN VOR AND HOLD.
YANCE INT	DAN VOR	022.91 / 8.51	2300	
SBV VORTAC	DAN VOR	252.86 / 16.81	2400	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.11 INBOUND. CHART FAS OBST: 1063 TOWER 362602N/0792030W FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT L SIDE OF COURSE 210.11 OUTBOUND 2300 FT WITHIN 10 MILES OF DAN VOR (IAF)
2. _____
3. FAC 030.11 FAF _____ DIST FAF TO MAP _____ THLD _____
4. MIN. ALT _____
8. MSA FROM: DAN VOR 270-360 3300, 360-270 2700

MAG VAR: 6W 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	1200	3/4	642	1200	3/4	642	1200	1 1/4	642	1200	1 1/2	642				
CIRCLING	1200	1	629	1200	1	629	1200	1 3/4	629	1200	2	629				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO, NC ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND S-2 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR FOR LOCAL ALTIMETER SETTING AND WHEN USING ROXBORO, NC ALTIMETER SEE 8260-10

QUALITY
6
CHECKER

CITY AND STATE DANVILLE, VA	ELEVATION: 571 TDZE: 558 AIRPORT NAME: DANVILLE REGIONAL	FACILITY IDENTIFIER: DAN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 2, AMDT 14 08 APR 2010	SUP
				AMDT 13A
				DATE 09/25/2008

**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.**SETTING, INCREASE S-2 VISIBILITY CATS A AND B TO 1.****CHART NOTE: CIRCLING NA AT NIGHT TO RWY 31.**

CITY AND STATE

DANVILLE, VA

ELEVATION: 571 TDZE: 558

AIRPORT NAME:

DANVILLE REGIONAL

FACILITY
IDENTIFIER:

DAN

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 2, AMDT 14

08 APR 2010

SUP:

AMDT: 13A

DATED: 09/25/2008

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: DAN VOR CLIMB TO 2500 THEN RIGHT TURN DIRECT DAN VOR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 195.33 INBOUND. CHART FAS OBST: 799 TREE 363724N/0792029W 919 AAO 363801N/0791908W EDWIN TO RW20: 3.14/50. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.											
UFFIN INT	DAN VOR	069.46 / 7.49	2500												
YANCE INT	DAN VOR	022.91 / 8.51	2500												
SBV VORTAC	DAN VOR	252.86 / 16.81	2500												
1. PT <u>R</u> SIDE OF COURSE <u>015.33</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>DAN VOR</u> (IAF) 2. _____ 3. FAC <u>195.33</u> FAF _____ DIST FAF TO MAP _____ THLD <u>9.48</u> 4. MIN. ALT <u>EDWIN INT 1480*</u> 8. MSA FROM: <u>DAN VOR 270-360 3300, 360-270 2700</u>					MAG VAR: 6W EPOCH YEAR: 1980										
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		@						
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-20	1480	1 1/4	912	1480	1 1/4	912	1480	2 3/4	912	1480	3	912			
CIRCLING	1480	1 1/4	909	1480	1 1/4	909	1480	2 3/4	909	1480	3	909			
EDWIN FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-20	1060	1	492	1060	1	492	1060	1 1/4	492	1060	1 1/2	492			
CIRCLING	1080	1	509	1080	1	509	1080	1 1/2	509	1140	2	569			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO, NC ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE S-20 AND CIRCLING CATS B AND C VISIBILITY 1/4 MILE, WHEN USING EDWIN FIX MINIMUMS INCREASE S-20 CATS C AND D VISIBILITY 1/4 MILE. CHART NOTE: CIRCLING NA AT NIGHT TO RWY 31. *1560 WHEN USING ROXBORO, NC ALTIMETER SETTING.															
CITY AND STATE DANVILLE, VA		ELEVATION: 571 TDZE: 568 AIRPORT NAME: DANVILLE REGIONAL		FACILITY IDENTIFIER: DAN		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 20, AMDT 2 08 APR 2010				SUP					
										AMDT		1			
										DATE		01/18/2007			

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									
RIC VORTAC	DOCEV (FO)	294.65 / 18.82	2600	LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 2000 DIRECT PUBBS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 331.11 INBOUND. CHART FAS OBST: 357 T-L TWR 372505N/0773141W CHART FAS OBST: 380 T-L TWR 372559N/0773330W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.26 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 63216 REFERENCE PATH ID: W15A								
FAK VORTAC (IAF)	DOCEV (NOPT) (FB)	072.30 / 6.79	2600									
DOCEV (IF/IAF)	SECOV (FB)	151.00 / 7.08	2200									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW DOCEV, RT, 151.00 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>151.05</u> FAF: <u>SECOV</u> DIST FAF TO MAP: <u>5.93</u> THLD: <u>5.93</u> 4. MIN. ALT: <u>DOCEV 2600, SECOV 2200, COYRO/2.00 NM TO RW15 900*</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>2200</u> GS ALT AT: <u>SECOV</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>42.9</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW15 2600</u>				MAG VAR: 10W 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
LPV DA	486	1	250	486	1	250	486	1	250	486	1	250
LNAV/VNAV DA	692	1 1/2	456	692	1 1/2	456	692	1 1/2	456	692	1 1/2	456
LNAV MDA	680	1	444	680	1	444	680	1 1/4	444	680	1 1/2	444
CIRCLING	720	1	484	720	1	484	720	1 1/2	484	800	2	564

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 *LNAV ONLY
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT FAK VORTAC VIA V155 SOUTHWEST BOUND.
 SEE 8260-10

CITY AND STATE RICHMOND, VA	ELEVATION: 236 TDZE: 236 AIRPORT NAME: CHESTERFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010	SUP: AMDT: ORIG DATED 07/07/2005



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.

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RIC VORTAC AIRWAY RADIALS 248 CW 317.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICHMOND INTL ALTIMETER SETTING AND INCREASE ALL DA 36 FEET, AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

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

QUALITY
6
CHECKED

CITY AND STATE

RICHMOND, VA

ELEVATION: 236 TDZE: 236

AIRPORT NAME:

CHESTERFIELD COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 07/07/2005

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 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFCI
RUNWAY RW15
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W15A
LTP/FTP LATITUDE 372444.3270N
LTP/FTP LONGITUDE 0773150.8005W
LTP/FTP ELLIPSOIDAL HEIGHT +00389
FPAP LATITUDE 372334.9000N
FPAP LONGITUDE 0773040.5900W
THRESHOLD CROSSING HEIGHT (TCH) 00042.9
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

AFFD0255

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +00720
FPAP ORTHOMETRIC HEIGHT +00720

QUALITY
2
CHECKED

CITY AND STATE RICHMOND, VA	ELEVATION: 236 TDZE: 236 AIRPORT NAME: CHESTERFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 07/07/2005

**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
NAVAID	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	FAK	K6011330VTH	N37314263W077494159		N37314263W077494159W0060004602				NARFLAT ROCK				
SUSAD	RIC	K6011410VTH	N37300846W077191300		N37300846W077191300W0090001592				NARRICHMOND				
	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEANRT	COYRO K60	W	N37261782W077332542						NAR		COYRO		
SUSAEANRT	DOCEV K60	W	N37345211W077420747						NAR		DOCEV		
SUSAEANRT	PUBBS K60	C	N37194874W077265227						NAR		PUBBS		
SUSAEANRT	SECOV K60	W	N37292167W077363174						NAR		SECOV		
	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KFCIK6AFCI	0	055YHN37242320W077312940W010000236				1800018000C	MNAR		CHESTERFIELD COUNTY			
	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KFCIK6FR15	AFAK	010FAK K6D OV A IF							18000		A JS	
SUSAP	KFCIK6FR15	AFAK	020DOCEVK6EA0EE B 010TF				07230068	+ 02600				A JS	
SUSAP	KFCIK6FR15	ARIC	010RIC K6D OV IF							18000		A JS	
SUSAP	KFCIK6FR15	ARIC	020DOCEVK6EA0EY 020TF				29470188	+ 02600				A JS	
SUSAP	KFCIK6FR15	ARIC	030DOCEVK6EA0EE AR HF				15100040	+ 02600				A JS	
SUSAP	KFCIK6FR15	R	010DOCEVK6EA0E I IF					+ 02600		18000		A JS	
SUSAP	KFCIK6FR15	R	020SECOVK6EA1E F 051TF				15100071	+ 02200			RW15 K6PGA	JS	
SUSAP	KFCIK6FR15	R	020SECOVK6EA2WALPV	ALNAV/VNAV	ALNAV							JS	
SUSAP	KFCIK6FR15	R	021COYROK6EA0E S 031TF				15110039	V 0090000920		-300		A JS	
SUSAP	KFCIK6FR15	R	030RW15 K6PGOGY M 031TF				15110020	00279		-300		A JS	
SUSAP	KFCIK6FR15	R	040 0 M 010CA				1511	+ 00486				A JS	
SUSAP	KFCIK6FR15	R	050PUBBSK6EA0EY 010DF					+ 02000				A JS	
SUSAP	KFCIK6FR15	R	060PUBBSK6EA0EE L020HM				33110040	+ 02000				A JS	

QUALITY
6
CHECK

CITY AND STATE RICHMOND, VA	ELEVATION: 236 TDZE: 236 AIRPORT NAME: CHESTERFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 07/07/2005

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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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KFCIK6GRW15	0055001511 N37244433W077315080-0700 +0038900236000043100R												
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KFCIK6PR15	RW15 001 0000W15A0N3724443270W07731508005+003890300N3723349000W07730405900106751072000429F400500AFFD0255												
SUSAP KFCIK6PR15	RW15 002E +00720+00720LPV 63216												
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KFCIK6SRW15 K6PG	0 18018002625 M												

QUALITY
6
CHECKED

CITY AND STATE RICHMOND, VA	ELEVATION: 236 TDZE: 236 AIRPORT NAME: CHESTERFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 07/07/2005

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: I-OWN 0.92 DME FIX
GZG VOR/DME	ICONU/GZG 10.14 DME	326.98 / 10.14	6000	CLIMB TO 3300 THEN CLIMBING RIGHT TURN TO 6400 VIA HEADING 272 AND AZQ VOR/DME R-140 TO RISTE/AZQ 20.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3300 THEN CLIMBING RIGHT TURN TO 4600 VIA HEADING 083 AND I-OWN NE CRS TO OGMUU INT/I-OWN 12.63 DME AND HOLD NE, RT, 242.18 INBOUND.
ICONU/GZG 10.14 DME (IAF)	OGMUU INT/I-OWN 12.63 DME	326.98 / 10.00 (GZG R-327)	4600	
OGMUU INT/I-OWN 12.63 DME (IF)	CUXOR/I-OWN 3.93 DME	242.18 / 8.68	3700	
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 140.01 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE OGMUU INT/I-OWN 12.63 DME, RT, 242.18 INBOUND. CHART FAS OBST: 2801 TREE 365943N/0823114W OGMUU TO RW24: 3.04/44. CHART LEAD FIX FOLMU GZG VOR/DME R-327/18.14 DME CHART: GZG VOR/DME 20.14 DME AT OGMUU.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT OGMUU INT/I-OWN 12.63 DME
3. FAC 242.18 FAF CUXOR/I-OWN 3.93 DME DIST FAF TO MAP THLD 3.03
4. MIN. ALT OGMUU 4600, CUXOR 3700
8. MSA FROM: GZG VOR/DME 7000

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF: ☐	STANDARD	☒	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-24	3060	1	376	3060	1	376	3060	1	376	3060	1 1/4	376			
CIRCLING	3140	1	456	3140	1	456	3240	1 1/2	556	3360	2 1/4	676			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VIRGINIA HIGHLANDS ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET AND INCREASE S-LOC AND CIRCLING CATS C/D VISIBILITY 1/2 MILE.
CHART PROFILE NOTE: USE I-OWN DME WHEN ON THE LOCALIZER COURSE.

@ CAT D 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
1
CHECKED

CITY AND STATE WISE, VA	ELEVATION: 2684	TDZE: 2684	FACILITY IDENTIFIER: I-OWN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC/DME RWY 24, ORIG 08 APR 2010	SUP	
	AIRPORT NAME: LONESOME PINE	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	ILS: DA LOC: 5.57 MILES AFTER LOM
RHI VORTAC	ARSHA LOM/RHI 6.79 DME	265.18 / 6.79	3500	CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 3500 DIRECT ARSHA LOM/RHI 6.79 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 3500 DIRECT RHI VORTAC AND HOLD W, RT, 080.57 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 091.27 INBOUND. CHART FAS OBST: 1675 TREE 453739N/0892941W CHART IN PLANVIEW: RHI VORTAC. ** DME FROM RHI VORTAC. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT RHI VORTAC.

- PT L SIDE OF COURSE 271.27 OUTBOUND 3500 FT WITHIN 10 MILES OF ARSHA LOM (IAF)
-
- FAC: 091.27 FAF: ARSHA LOM/RHI 6.79 DME DIST FAF TO MAP: 5.57 THLD: 5.57
- MIN. ALT: ARSHA LOM /RHI 6.79 DME 3500, ZINGI/RHI 3.12 DME 2180*
- DIST TO THLD FROM OM: 5.57 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1076
- MIN GS INCPT: 3500 GS ALT AT: GS INTCP OM: 3481 MM: - IM: -
- GS ANGLE: 3.00 TCH: 51.9
- MSA FROM: RH LOM 360-180 4400, 180-360 3300

MAG VAR: 3W 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
S-ILS 9		1824	1/2	200	1824	1/2	200	1824	1/2	200	1824	1/2	200			
S-LOC 9		2180	1/2	556	2180	1/2	556	2180	1	556	2180	1 1/4	556			
CIRCLING		2180	1	556	2220	1	596	2260	1 3/4	636	2260	2	636			
ZINGI FIX MINIMUMS**																
S-LOC 9		2020	1/2	396	2020	1/2	396	2020	1/2	396	2020	3/4	396			
CIRCLING		2020	1	396	2220	1	596	2260	1 3/4	636	2260	2	636			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 15 NA AT NIGHT.
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOMAHAWK ALTIMETER SETTING AND INCREASE
SEE 8260-10

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1624 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: I-RHI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 9, AMDT 8 08 APR 2010	SUP: AMDT: 7 DATED 03/12/2009

QUALITY
2
CHECKED

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.

DA 59 FEET AND MDA 60 FEET, INCREASE S-LOC 9 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE, AND INCREASE ZINGI FIX MINIMUMS S-LOC 9 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

*2240 WHEN USING TOMAHAWK ALTIMETER SETTING.

QUALITY
2
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1624	FACILITY IDENTIFIER: I-RHI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 9, AMDT 8 08 APR 2010	SUP:
	AIRPORT NAME: RHINELANDER-ONEIDA COUNTY			AMDT: 7
	DATED: 03/12/2009			

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
RHI VORTAC	ECANA (FO)	270.54 / 13.22	4000	LPV: DA LNAV/VNAV: DA LNAV: RW09								
FASUX (IAF)	ECANA (NOPT) (FB)	001.07 / 5.95	3500									
CINEX (IAF)	ECANA (NOPT) (FB)	181.06 / 9.16	3500	CLIMB TO 4500 DIRECT BADAY AND HOLD.								
ECANA (IF/IAF)	GATRE (FB)	091.07 / 6.36	3500									
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 271.50 INBOUND. CHART FAS OBST: 1675 TREE 453739N/0892941W CHART FAS OBST: 1697 TREE 453758N/0892852W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 0.89 MILES TO RW09* *LNAV ONLY. WAAS CHANNEL # 97715 REFERENCE PATH ID: W09A CHART ARPT ELEV 1624 CHART TDZE 1624								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												
2. HOLD W ECANA, RT, 091.07 INBOUND, 3500 FT. IN LIEU OF PT (IAF)												
3. FAC: 091.17 FAF: GATRE DIST FAF TO MAP: 5.64 THLD: 5.64												
4. MIN. ALT: ECANA 3500, GATRE 3500, ZINGI/1.90 NM TO RW09 2280*												
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____												
6. MIN GS INCPT: 3500 GS ALT AT: GATRE 3500 OM: _____ MM: _____ IM: _____												
7. GS ANGLE: 3.00 TCH: 51.9 34:1 IS CLEAR												
8. MSA FROM: RW09 4400				MAG VAR: 3W 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
LPV DA	1824	1/2	200	1824	1/2	200	1824	1/2	200	1824	1/2	200
LNAV/VNAV DA	1936	1/2	312	1936	1/2	312	1936	1/2	312	1936	3/4	312
LNAV MDA	1960	1/2	336	1960	1/2	336	1960	1/2	336	1960	1	336
CIRCLING	2020	1	396	2220	1	596	2260	1 3/4	636	2260	2	636
NOTES: CHART NOTE: WHEN VGS1 INOP, CIRCLING RWY 15 NA AT NIGHT. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE. CHART NOTE: BARO-VNAV NA WHEN USING TOMAHAWK ALTIMETER SETTING. SEE 8260-10												
CITY AND STATE		ELEVATION: 1624 TDZE: 1624		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
RHINELANDER, WI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 9, AMDT 1			AMDT: ORIG			
		RHINELANDER-ONEIDA COUNTY				08 APR 2010			DATED 04/15/2005			

**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: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F).

CHART NOTE: DME/DME RNP-0.3 NA.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOMAHAWK ALTIMETER SETTING AND INCREASE ALL DA 59 FEET AND MDA 60 FEET, INCREASE LNAV/VNAV CATS A/B/C AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING TOMAHAWK ALTIMETER SETTING, INCREASE LNAV CAT D VISIBILITY BY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING TOMAHAWK ALTIMETER SETTING.



CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1624 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG
				DATED: 04/15/2005

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 INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KRHI
RUNWAY RW09
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A
LTP/FTP LATITUDE 453749.0630N
LTP/FTP LONGITUDE 0892911.7800W
LTP/FTP ELLIPSOIDAL HEIGHT +04631
FPAP LATITUDE 453751.5700N
FPAP LONGITUDE 0892712.4100W
THRESHOLD CROSSING HEIGHT (TCH) 00051.9
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0512
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

B75332E5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +04949
FPAP ORTHOMETRIC HEIGHT +04949

QUALITY
2
CHECKED

CITY AND STATE

RHINELANDER, WI

ELEVATION: 1624 TDZE: 1624

AIRPORT NAME:

RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 04/15/2005

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]

QUALITY
CHECKS

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1624 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 08 APR 2010	SUP:	
				AMDT:	ORIG
				DATED:	04/15/2005

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.

SUSAP KRHIK5GRW09 0068000913 N45374906W089291178-0400 +0463101624000052150I

SUSAP KRHIK5PR09	RW09 001 0000W09A0N4537490630W08929117800+046310300N4537515700W08927124100106750512000519F400350B75332E5
SUSAP KRHIK5PR09	RW09 002E +04949+04949LEV 97715

SUSAP KRHIK5SRW09 K5PG 0 18018004425 M

QUALITY
CHECKS

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.								
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION												
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW15 CLIMB TO 3500 DIRECT CIREN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 330.52 INBOUND. CHART FAS OBST: 1709 TREE 453843N/0892808W CHART ARPT ELEV 1624. CHART TDZE 1600. CIDEB TO RW15: 3.05/53.								
RHI VORTAC	DECET (FO)	330.04 / 12.31	4000									
CESSI (IAF)	DECET (NOPT) (FB)	164.06 / 8.64	4000									
GOLYE (IAF)	DECET (NOPT) (FB)	098.81 / 11.50	4000									
DECET (IF/IAF)	CIDEB (FB)	150.33 / 6.59	3400									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW DECET, RT, 150.33 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>150.35</u> FAF: <u>CIDEB</u> DIST FAF TO MAP: <u>5.41</u> THLD: <u>5.41</u> 4. MIN. ALT: <u>DECET 4000, CIDEB 3400, OZAMI/2.00 NM TO RW15 2280</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>RW15 4400</u>				MAG VAR: 3W 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
LNAV MDA	1980	1	380	1980	1	380	1980	1	380	1980	1 1/4	380
CIRCLING	2020	1	396	2220	1	596	2260	1 3/4	636	2260	2	636
NOTES: CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 15 PROCEDURE 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 RHINELANDER, WI		ELEVATION: 1624 TDZE: 1600 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010		SUP:				
								AMDT: ORIG				
								DATED 04/15/2004				

**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 TOMAHAWK ALTIMETER SETTING AND INCREASE****ALL MDA 60 FEET, INCREASE LNAV AND CIRCLING VISIBILITY CATS C/D 1/4 MILE.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RHI VORTAC ON V63 SOUTHBOUND.**

CITY AND STATE

RHINELANDER, WI

ELEVATION: 1624 TDZE: 1600

AIRPORT NAME:

RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG

DATED: 04/15/2004

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KRHIK5FR15	ACESSI	010CESSIK5EA0E	A	IF					18000			B JS	
SUSAP KRHIK5FR15	ACESSI	020DECETK5EA0EE	B	010TF		16410086		+ 04000				B JS	
SUSAP KRHIK5FR15	AGOLYE	010GOLYEK5EA0E	A	IF					18000			B JS	
SUSAP KRHIK5FR15	AGOLYE	020DECETK5EA0EE	B	010TF		09880115		+ 04000				B JS	
SUSAP KRHIK5FR15	ARHI	010RHI K5D 0V		IF					18000			B JS	
SUSAP KRHIK5FR15	ARHI	020DECETK5EA0EY		020TF		33000123		+ 04000				B JS	
SUSAP KRHIK5FR15	ARHI	030DECETK5EA0EE	AR	HF		15030040		+ 04000				B JS	
SUSAP KRHIK5FR15	R	010DECETK5EA0E	I	IF				+ 04000	18000			B JS	
SUSAP KRHIK5FR15	R	020CIDEBK5EA1E	F	051TF		15030066		+ 03400		RW15	K5PGB	JS	
SUSAP KRHIK5FR15	R	020CIDEBK5EA2WN			N	ALNAV						JS	
SUSAP KRHIK5FR15	R	021OZAMIK5EA0E	S	031TF		15040034		V 0228002291		-305		B JS	
SUSAP KRHIK5FR15	R	030RW15 K5PGOGY	M	031TF		15040020		01650		-305		B JS	
SUSAP KRHIK5FR15	R	040		0 M 010CA		1504		+ 01980				B JS	
SUSAP KRHIK5FR15	R	050CIRENK5EA0EY		010DF				+ 03500				B JS	
SUSAP KRHIK5FR15	R	060CIRENK5EA0EE		R020HM		33050040		+ 03500				B JS	

QUALITY
6
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1600	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 15, AMDT 1	AMDT: ORIG
	RHINELANDER-ONEIDA COUNTY		08 APR 2010	DATED: 04/15/2004

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

[illegible]

QUALITY
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1600 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, AMDT 1 08 APR 2010	SUP:	
				AMDT:	ORIG
				DATED:	04/15/2004

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
RHI VORTAC	BADAY (FO)	092.05 / 12.90	4500	LPV: DA LNAV/VNAV: DA LNAV: RW27
CAYAN (IAF)	BADAY (NOPT) (FB)	238.10 / 5.82	4500	
DADYE (IAF)	BADAY (NOPT) (FB)	323.10 / 8.56	4500	CLIMB TO 4000 DIRECT ECANA AND HOLD.
BADAY (IF/IAF)	WAMDU (FB)	271.50 / 6.07	3900	
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 091.07 INBOUND. CHART FAS OBST: 1690 TREE 453823N/0892637W CHART FAS OBST: 1960 TOWER 453705N/0892449W DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.67 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 50217 REFERENCE PATH ID: W27A CHART ARPT ELEV: 1624

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E BADAY, RT, 271.50 INBOUND, 4500 FT. IN LIEU OF PT (IAF)
- FAC: 271.40 FAF: WAMDU DIST FAF TO MAP: 6.93 THLD: 6.93
- MIN. ALT: BADAY 4500, WAMDU 3900, OGOSE/2.40 NM TO RW27 2420*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3900 GS ALT AT: WAMDU 3900 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
- MSA FROM: RW27 4400

MAG VAR: 3W 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	1806	3/4	200	1806	3/4	200	1806	3/4	200	1806	3/4	200				
LNAV/VNAV DA	1979	1 1/4	373	1979	1 1/4	373	1979	1 1/4	373	1979	1 1/4	373				
LNAV MDA	2180	1	574	2180	1	574	2180	1 1/2	574	2180	1 3/4	574				
CIRCLING	2180	1	556	2220	1	596	2260	1 3/4	636	2260	2	636				

NOTES:
CHART NOTE: WHEN VGS1 INOP, CIRCLING RWY 15 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
1
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1606 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 08 APR 2010	SUP: RNAV (GPS) Y RWY 27 AMDT: ORIG-A DATED 01/20/2005

**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 TOMAHAWK ALTIMETER SETTING AND INCREASE****ALL DA AND MDA 60 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS, LNAV AND CIRCLING
VISIBILITY CATS C/D 1/4 MILE.****CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TOMAHAWK ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RHI VORTAC ON V217 NORTHWEST BOUND.**

CITY AND STATE

RHINELANDER, WI

ELEVATION: 1624 TDZE: 1606

AIRPORT NAME:

RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, AMDT 1

08 APR 2010

SUP: **RNAV (GPS) Y RWY**
27AMDT: **ORIG-A**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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRHI
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	453751.0775N
LTP/FTP LONGITUDE	0892736.1495W
LTP/FTP ELLIPSOIDAL HEIGHT	+04557
FPAP LATITUDE	453748.3900N
FPAP LONGITUDE	0892943.0600W
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	0680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 09F88D23

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04876
FPAP ORTHOMETRIC HEIGHT	+04876

QUALITY
6
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1606 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 08 APR 2010	SUP: RNAV (GPS) Y RWY 27
				AMDT: ORIG-A
				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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRHIK5FR27	ACAYAN	010CAYANK5EA0E	A	IF					18000		A	JS
SUSAP	KRHIK5FR27	ACAYAN	020BADAYK5EA0EE	B	010TF		23810058	+	04500			A	JS
SUSAP	KRHIK5FR27	ADADYE	010DADYEK5EA0E	A	IF					18000		A	JS
SUSAP	KRHIK5FR27	ADADYE	020BADAYK5EA0EE	B	010TF		32310086	+	04500			A	JS
SUSAP	KRHIK5FR27	ARHI	010RHI	K5D	0V					18000		A	JS
SUSAP	KRHIK5FR27	ARHI	020BADAYK5EA0EY		020TF		09210129	+	04500			A	JS
SUSAP	KRHIK5FR27	ARHI	030BADAYK5EA0EE	AR	HF		27150050	+	04500			A	JS
SUSAP	KRHIK5FR27	R	010BADAYK5EA0E	I	IF			+	04500	18000		A	JS
SUSAP	KRHIK5FR27	R	020WAMDUK5EA1E	F	051TF		27150061	+	03900		RW27	K5PGA	JS
SUSAP	KRHIK5FR27	R	020WAMDUK5EA2WALP			ALNAV/VNAV	ALNAV						JS
SUSAP	KRHIK5FR27	R	0210GOSEK5EA0E	S	031TF		27140045	V	0242002420		-300	A	JS
SUSAP	KRHIK5FR27	R	030RW27	K5PGOGY	M	031TF	27140024		01650		-300	A	JS
SUSAP	KRHIK5FR27	R	040		0	M	010CA		2714			A	JS
SUSAP	KRHIK5FR27	R	050ECANAK5EA0EY		010DF				04000			A	JS
SUSAP	KRHIK5FR27	R	060ECANAK5EA0EE		R020HM		09110040	+	04000			A	JS

QUALITY
1
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1606	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) Y RWY 27
	AIRPORT NAME:		RNAV (GPS) RWY 27, AMDT 1	AMDT: ORIG-A
	RHINELANDER-ONEIDA COUNTY		08 APR 2010	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.

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

SUSAP KRHIK5GRW27	0068002713	N45375108W089273615+0400	+0455701600000050150R										
	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KRHIK5PR27	RW27 001	0000W27A0N4537510775W08927361495+045570300N4537483900W08929430600106750680000500F40035009F88D23											
SUSAP KRHIK5PR27	RW27 002E	+04876+04876LPV	50217										
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KRHIK5SRW27 K5PG	0 18018004425											M	

QUALITY
1
CHECKED

CITY AND STATE
RHINELANDER, WI

ELEVATION: 1624 TDZE: 1606
 AIRPORT NAME:
 RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 27, AMDT 1
 08 APR 2010

SUP: RNAV (GPS) Y RWY
27
 AMDT: ORIG-A
 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												
RHI VORTAC	CIREN (FO)	150.79 / 12.44	4000	LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 4000 DIRECT CIDEB AND VIA TRACK 244.98 TO ECANA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 091.07 INBOUND. CHART FAS OBST: 1696 TREE 453722N/0892712W FAS OBST: 1859 AAO 453438N/0892307W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. WAAS CHANNEL # 69407 REFERENCE PATH ID: W33A CHART ARPT ELEV 1624. CHART TDZE 1612.											
DADYE (IAF)	CIREN (NOPT) (FB)	253.70 / 12.52	3500												
YANUT (IAF)	CIREN (NOPT) (FB)	054.92 / 10.97	3500												
CIREN (IF/IAF)	DEBBA (FB)	330.52 / 6.51	3400												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE CIREN, RT, 330.52 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>330.46</u> FAF: <u>DEBBA</u> DIST FAF TO MAP: <u>5.38</u> THLD: <u>5.38</u> 4. MIN. ALT: <u>CIREN 3500, DEBBA 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>3400</u> GS ALT AT: <u>DEBBA 3400</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>RW33 4400</u>				MAG VAR: 3W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS A RPORT	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	1862	1	250	1862	1	250	1862	1	250	1862	1	250			
LNAV/VNAV DA	2257	2 1/4	645	2257	2 1/4	645	2257	2 1/4	645	2257	2 1/4	645			
LNAV MDA	2120	1	508	2120	1	508	2120	1 1/2	508	2120	1 1/2	508			
CIRCLING	2120	1	496	2220	1	596	2260	1 3/4	636	2260	2	636			
NOTES: CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 33 PROCEDURE NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 15 NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING TOMAHAWK ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F). SEE 8260-10															
CITY AND STATE		ELEVATION: 1624 TDZE: 1612		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
RHINELANDER, WI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 33, AMDT 1				AMDT: ORIG-A					
		RHINELANDER-ONEIDA COUNTY				08 APR 2010				DATED 01/20/2005					

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 NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.****CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOMAHAWK ALTIMETER SETTING AND INCREASE****ALL DA AND MDA 60 FEET, INCREASE VISIBILITY LNAV/VNAV ALL CATS 1/4, LNAV CAT D AND CIRCLING CATS****C/D 1/4 MILE.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RHI VORTAC ON V191 AND V217 NORTHWEST BOUND.**

CITY AND STATE

RHINELANDER, WI

ELEVATION: 1624 TDZE: 1612

AIRPORT NAME:

RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG-A

DATED: 01/20/2005

**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	KRHI
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	453731.1380N
LTP/FTP LONGITUDE	0892708.6375W
LTP/FTP ELLIPSOIDAL HEIGHT	+04592
FPAP LATITUDE	453846.1900N
FPAP LONGITUDE	0892817.0500W
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	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9754E55B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+04912
FPAP ORTHOMETRIC HEIGHT	+04912

CITY AND STATE

RHINELANDER, WI

ELEVATION: 1624 TDZE: 1612

AIRPORT NAME:

RHINELANDER-ONEIDA COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, AMDT 1

08 APR 2010

SUP:

AMDT: ORIG-A

DATED: 01/20/2005

QUALITY
2
RECORD

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet. MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KRHIK5FR33	ADADYE	010DADYEK5EA0E	A	IF						18000		A JS	
SUSAP KRHIK5FR33	ADADYE	020CIRENK5EA0EE	B	010TF			25370125	+	03500			A JS	
SUSAP KRHIK5FR33	ARHI	010RHI K5D 0V		IF						18000		A JS	
SUSAP KRHIK5FR33	ARHI	020CIRENK5EA0EY		020TF			15080124	+	04000			A JS	
SUSAP KRHIK5FR33	ARHI	030CIRENK5EA0EE	AR	HF			33050040	+	03500			A JS	
SUSAP KRHIK5FR33	AYANUT	010YANUTK5EA0E	A	IF						18000		A JS	
SUSAP KRHIK5FR33	AYANUT	020CIRENK5EA0EE	B	010TF			05490110	+	03500			A JS	
SUSAP KRHIK5FR33	R	010CIRENK5EA0E	I	IF				+	03500	18000		A JS	
SUSAF KRHIK5FR33	R	020DEBBAK5EA1E	F	051TF			33050065	+	03400		RW33 K5PGA	JS	
SUSAP KRHIK5FR33	R	020DEBBAK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KRHIK5FR33	R	030RW33 K5PGOGY	M	031TF			33050054		01662	-300		A JS	
SUSAP KRHIK5FR33	R	040		0 M	010CA		3305	+	01862			A JS	
SUSAP KRHIK5FR33	R	050CIDEBK5EA0E		010DF								A JS	
SUSAP KRHIK5FR33	R	060ECANAK5EA0EY		010TF			2450	+	04000			A JS	
SUSAP KRHIK5FR33	R	070ECANAK5EA0EE		R020HM			09110040	+	04000			A JS	

QUALITY
1
CHECKED

CITY AND STATE RHINELANDER, WI	ELEVATION: 1624 TDZE: 1612 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 1 08 APR 2010	SUP:
				AMDT: ORIG-A
				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.

QUALITY
1
CHECKED

PAGE 5 OF 5 PAGES

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											
												ADDITIONAL FLIGHT DATA:							
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF) 2. ____ 3. FAC: ____ FAF: ____ DIST FAF TO MAP: ____ THLD: ____ 4. MIN. ALT: ____ 5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____ 6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____ 7. GS ANGLE: ____ TCH: ____ 8. MSA FROM: ____																MAG VAR:		EPOCH YEAR:	
TAKEOFF:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A											
CATEGORY =====>		A			B			C			D			E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
NOTES:																			
PROCEDURE CANCELED EFFECTIVE <u>08 APR 2010</u>																			
CITY AND STATE RHINELANDER, WI				ELEVATION: 1624 TDZE: 1606 AIRPORT NAME: RHINELANDER-ONEIDA COUNTY				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 27, ORIG, 04/15/2004				SUP: AMDT: NONE DATED			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS OR 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 08 APR 2010



CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879 AIRPORT NAME: WEST BEND MUNI	FACILITY IDENTIFIER: LLE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 31, AMDT 10A, 03/09/1989	SUP AMDT 10 DATE 08/27/1987

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: RW06											
BAE VORTAC	LOCMI (FB)	359.44 / 8.24	2800	CLIMB TO 3000 DIRECT KEKSE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 240.08 INBOUND. CHART FAS OBST: 1169 TREE 432427N/0881139W CHART VDP AT 1.51 MILES TO RW06. EHULY TO RW06: 3.04/45.											
CORIR	NUBVE (FB)	190.07 / 4.29	2800												
NUBVE (IAF)	JEDEM (FB)	149.73 / 5.00	2800												
LOCMI (IAF)	JEDEM (FB)	329.81 / 5.00	2800												
JEDEM (IF)	EHULY (FB)	059.77 / 6.10	2500												
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 JEDEM 3. FAC: <u>059.86</u> FAF: <u>EHULY</u> DIST FAF TO MAP: <u>4.86</u> THLD: <u>4.86</u> 4. MIN. ALT: <u>JEDEM 2800, EHULY 2500, HAXEP/2.40 NM TO RW06 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> </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 CLEAR</u> 8. MSA FROM: <u>RW06 2900</u>				MAG VAR: 1W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: <u> </u>	☐ 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	DH/MDA	VIS	HAT/HAA
LNAV MDA	1420	1	533	1420	1	533	1420	1 1/2	533	1420	1 3/4	533			
CIRCLING	1420	1	533	1420	1	533	1460	1 1/2	573	1520	2	633			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILWAUKEE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE. CHART NOTE: VDP NA WITH MILWAUKEE ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE WEST BEND, WI		ELEVATION: 887 TDZE: 887 AIRPORT NAME: WEST BEND MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 08 APR 2010				SUP: AMDT: NONE DATED					

QUALITY
 6
 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 CORIR VIA V63-191 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAE VORTAC AIRWAY RADIALS 302 CW 001.

QUALITY
6
CH-CH

CITY AND STATE

WEST BEND, WI

ELEVATION: 887 TDZE: 887

AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

08 APR 2010

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 - RNAV (GPS)[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KETBK5FR06	ABAE	010BAE	K5D OV	IF					18000			B JS	
SUSAP KETBK5FR06	ABAE	020LOCMIK5EA0E	A	020TF		35940082		+ 02800				B JS	
SUSAP KETBK5FR06	ABAE	030JEDEMK5EA0EE	B	010TF		32980050		+ 02800				B JS	
SUSAP KETBK5FR06	ACORIR	010CORIRK5EA0E		IF					18000			B JS	
SUSAP KETBK5FR06	ACORIR	020NUBVEK5EA0E	A	020TF		19010043		+ 02800				B JS	
SUSAP KETBK5FR06	ACORIR	030JEDEMK5EA0EE	B	010TF		14970050		+ 02800				B JS	
SUSAP KETBK5FR06	R	010JEDEMK5EA0E	I	IF				+ 02800		18000		B JS	
SUSAP KETBK5FR06	R	020EHULYK5EA1E	F	051TF		05980061		+ 02500			RW06	K5PGB JS	
SUSAP KETBK5FR06	R	020EHULYK5EA2WN			N	ALNAV						JS	
SUSAP KETBK5FR06	R	021HAXEPK5EA0E	S	031TF		05990025		V 0170001701		-304		B JS	
SUSAP KETBK5FR06	R	030RW06	K5PG0GY	M 031TF		05990024		00931		-304		B JS	
SUSAP KETBK5FR06	R	040		0 M 010CA		0599		+ 01287				B JS	
SUSAP KETBK5FR06	R	050KEKSEK5EA0EY		010DF				+ 03000				B JS	
SUSAP KETBK5FR06	R	060KEKSEK5EA0EE		R020HM		24010040		+ 03000				B JS	

CITY AND STATE

WEST BEND, WI

ELEVATION: 887 TDZE: 887
AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG
08 APR 2010

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.

SUSAP KETBK5GRW06 0038970599 N43251185W088080329-0300 +0235200886000045075R

SUSAP KETBK5SRW06 K5PG 0 18018002925 M

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.

LE. QUALITY
6
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 ON BAE VORTAC AIRWAY RADIALS 302 CW 345.

CHART NOTE: VDP NA WITH MILWAUKEE/LAWRENCE J. TIMMERMAN ALTIMETER SETTING.

CITY AND STATE

WEST BEND, WI

ELEVATION: 887 TDZE: 882

AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

08 APR 2010

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]

QUALITY
6
CHECKED

CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 882 AIRPORT NAME: WEST BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 08 APR 2010	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.

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

SUSAP KETBK5GRW13	0044941274	N43253132W088080491-0300	+0233800882000037075R										

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

SUSAP KETBK5SRW13 K5PG	0	18018002925	M										

QUALITY
6
CHECK

CITY AND STATE
WEST BEND, WI

ELEVATION: 887 TDZE: 882
AIRPORT NAME:
WEST BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
08 APR 2010

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	
CYNDI (IAF)	KEKSE (FB)	209.50 / 8.01	2500	LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 3000 DIRECT JEDEM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 059.77 INBOUND. CHART FAS OBST: 1049 TREE 432651N/0880506W CHART FAS OBST: 1019 TREE 432556N/0880736W DISTANCE TO THLD FROM 312 HAT: 0.87 NM. WAAS CHANNEL # 70716 REFERENCE PATH ID: W24A
WOKNO (IAF)	KEKSE (FB)	293.23 / 5.80	2500	
KEKSE (IF)	FIVIX (FB)	240.08 / 6.10	2500	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KEKSE
- FAC: 240.00 FAF: FIVIX DIST FAF TO MAP: 4.90 THLD: 4.90
- MIN. ALT: KEKSE 2500, FIVIX 2500, ICUMU/2.50 NM TO RW24 1720*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: FIVIX OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
- MSA FROM: RW24 2900

MAG VAR: 1W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @							
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1196	1	312	1196	1	312	1196	1	312	1196	1	312			
LNAV/VNAV DA		1369	1 3/4	485	1369	1 3/4	485	1369	1 3/4	485	1369	1 3/4	485			
LNAV MDA		1300	1	416	1300	1	416	1300	1 1/4	416	1300	1 1/4	416			
CIRCLING		1420	1	533	1420	1	533	1460	1 1/2	573	1520	2	633			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING MILWAUKEE 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: 887 TDZE: 884	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST BEND, WI	AIRPORT NAME: WEST BEND MUNI		RNAV (GPS) RWY 24, ORIG 08 APR 2010	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 WOKNO VIA V7 SOUTHBOUND.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CYNDI VIA V7 NORTHBOUND.*****LNAV ONLY****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILWAUKEE ALTIMETER SETTING AND INCREASE ALL DA 64 FEET, ALL MDA 80 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/4 MILE, CIRCLING CAT C/D VISIBILITY 1/4 MILE.**

CITY AND STATE

WEST BEND, WI

ELEVATION: 887 TDZE: 884

AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

08 APR 2010

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 KETB
RUNWAY RW24
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W24A
LTP/FTP LATITUDE 432531.7200N
LTP/FTP LONGITUDE 0880718.0600W
LTP/FTP ELLIPSOIDAL HEIGHT +02316
FPAP LATITUDE 432445.7200N
FPAP LONGITUDE 0880902.7600W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1560
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

BF904AA0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02665
FPAP ORTHOMETRIC HEIGHT +02665

CITY AND STATE

WEST BEND, WI

ELEVATION: 887

TDZE: 884

AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

08 APR 2010

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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KETBK5FR24	ACYNDI	010CYNDIK5EA0E	A	IF					18000			A JS	
SUSAP KETBK5FR24	ACYNDI	020KEKSEK5EA0EE	B	010TF		20950080	+	02500				A JS	
SUSAP KETBK5FR24	AWOKNO	010WOKNOK5EA0E	A	IF					18000			A JS	
SUSAP KETBK5FR24	AWOKNO	020KEKSEK5EA0EE	B	010TF		29320058	+	02500				A JS	
SUSAP KETBK5FR24	R	010KEKSEK5EA0E	I	IF			+	02500	18000			A JS	
SUSAP KETBK5FR24	R	020FIVIXK5EA1E	F	051TF		24010061	+	02500			RW24	K5PGA	JS
SUSAP KETBK5FR24	R	020FIVIXK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KETBK5FR24	R	021ICUMUK5EA0E	S	031TF		24000024	V	0172001721		-300		A JS	
SUSAP KETBK5FR24	R	030RW24	K5PGOGY	M	031TF	24000025		00919		-300		A JS	
SUSAP KETBK5FR24	R	040		0	M	010CA		2400	+	01196		A JS	
SUSAP KETBK5FR24	R	050JEDEMK5EA0EY		010DF				+	03000			A JS	
SUSAP KETBK5FR24	R	060JEDEMK5EA0EE		R020HM		05980040	+	03000				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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	5	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KETBK5PR24 RW24 001 0000W24A0N4325317200W08807180600+023160300N4324457200W08809027600106751560000450F400500BF904AA0												
	SUSAP KETBK5PR24 RW24 002E +02665+02665LPV 70716												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KETBK5SRW24 K5PG 0 18018002925 M												

QUALITY
6
CHECKED

CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 884 AIRPORT NAME: WEST BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 08 APR 2010	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: RW31 CLIMB TO 3000 DIRECT JESIB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 127.27 INBOUND. CHART FAS OBST: 1109 TREE 432438N/0880538W FAS OBST: 1159 AAO 432304N/0880156W DISTANCE TO THLD FROM 296 HAT: 0.82 NM. WAAS CHANNEL # 93816 REFERENCE PATH ID: W31A							
BAE VORTAC		HIBUN (FB)		062.44 / 15.23				3000									
WOKNO		FITSA (FB)		202.53 / 7.20				3000									
HIBUN (IAF)		COVNI (NOPT) (FB)		037.52 / 5.00				3000									
FITSA (IAF)		COVNI (NOPT) (FB)		217.62 / 5.00				3000									
PROOT (IAF)		COVNI (NOPT) (FB)		319.27 / 13.69				3000									
COVNI (IF/IAF)		HUMBI (FB)		307.57 / 6.20				2600									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>HOLD SE COVNI, RT, 307.57 INBOUND, 3000 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>307.50</u> FAF: <u>HUMBI</u> DIST FAF TO MAP: <u>5.22</u> THLD: <u>5.22</u> 4. MIN. ALT: <u>COVNI 3000, HUMBI 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>HUMBI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW31 2900</u>										MAG VAR: 1W		EPOCH YEAR: 1985					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @							
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1175	1	296	1175	1	296	1175	1	296	1175	1	296					
LNAV/VNAV DA	1482	2	603	1482	2	603	1482	2	603	1482	2	603					
LNAV MDA	1420	1	541	1420	1	541	1420	1 1/2	541	1420	1 3/4	541					
CIRCLING	1420	1	533	1420	1	533	1460	1 1/2	573	1520	2	633					
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MILWAUKEE/LAWRENCE J. TIMMERMAN 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: 887 TDZE: 879				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
WEST BEND, WI				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 31, ORIG				AMDT: NONE	
				WEST BEND MUNI								08 APR 2010				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 PROFILE NOTE: VGSi AND LPV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MILWAUKEE/LAWRENCE J TIMMERMAN
ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND ALL MDA 80 FEET. INCREASE LPV ALL CATS AND LNAV
AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAE VORTAC AIRWAY RADIALS 001 CW 119.



CITY AND STATE

WEST BEND, WI

ELEVATION: 887

TDZE: 879

AIRPORT NAME:

WEST BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

08 APR 2010

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	KETB
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	432504.9600N
LTP/FTP LONGITUDE	0880715.9100W
LTP/FTP ELLIPSOIDAL HEIGHT	+02295
FPAP LATITUDE	432557.8700N
FPAP LONGITUDE	0880854.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

02FA13A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02644
FPAP ORTHOMETRIC HEIGHT	+02644

QUALITY
5
CHECKED

CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879 AIRPORT NAME: WEST BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	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]

QUALITY
6
CHECKED

CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879 AIRPORT NAME: WEST BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	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.

SUSAP KETBK5FR31 R 060JESIBK5EA0EE R020HM 12730040 + 03000 A JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KETBK5GRW31 0044943074 N43250496W088071591+0300 +0229500868000045075R

	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KETBK5PR31 RW31 001 0000W31A0N4325049600W08807159100+022950300N4325578700W08808543000106751384000450F40050002FA13A2
 SUSAP KETBK5PR31 RW31 002E +02644+02644LPV 93816

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KETBK5SRW31 K5PG 0 18018002925 M



CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 879	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG 08 APR 2010	SUP:
	AIRPORT NAME: WEST BEND MUNI			AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS OR VOR/DME RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES				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 08 APR 2010



CITY AND STATE WEST BEND, WI	ELEVATION: 887 TDZE: 882	FACILITY IDENTIFIER: BAE	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RNAV OR GPS RWY 13, AMDT 5A, 10/20/1998	SUP
	AIRPORT NAME: WEST BEND MUNI			AMDT 5
				DATE 10/23/1986

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30715; Amdt. No. 3365]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

The incorporation by reference of certain publications listed in the regulations is approved by the Director of the Federal Register as of [INSERT DATE OF PUBLICATION IN THE FEDERAL REGISTER].

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

For Examination -

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

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

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

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to:

http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability - All SIAPs are available online free of charge.

Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

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

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

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420) Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

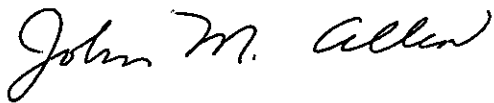
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 5, 2010.

A handwritten signature in cursive script that reads "John M. Allen".

John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, effective at 0901 UTC on the dates specified, as follows:

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
8-Apr-10	NY	ISLIP	LONG ISLAND MAC ARTHUR	9/9568	2/23/10	RNAV (GPS) RWY 6, ORIG
8-Apr-10	ID	BOISE	BOISE AIR TERMINAL/GOWEN FLD	0/2553	2/23/10	LOC BC RWY 28L, AMDT 1
8-Apr-10	ID	BOISE	BOISE AIR TERMINAL/GOWEN FLD	0/2554	2/23/10	VOR/DME OR TACAN RWY 10L, AMDT 1B
8-Apr-10	ID	BOISE	BOISE AIR TERMINAL/GOWEN FLD	0/2556	2/23/10	ILS OR LOC RWY 10R, AMDT 10; ILS RWY 10R (CAT II), AMDT 10
8-Apr-10	MD	CLINTON	WASHINGTON EXECUTIVE/HYDE FIELD	0/4027	2/23/10	RNAV (GPS) RWY 5, ORIG
8-Apr-10	KS	GREAT BEND	GREAT BEND MUNI	0/4495	2/23/10	NDB OR GPS A, AMDT 5
8-Apr-10	SD	PIERRE	PIERRE REGIONAL	0/4897	2/16/10	ILS OR LOC RWY 31, AMDT 12A
8-Apr-10	SD	BRITTON	BRITTON MUNI	0/4899	2/16/10	RNAV (GPS) RWY 13, ORIG
8-Apr-10	SD	BRITTON	BRITTON MUNI	0/4900	2/16/10	RNAV (GPS) RWY 31, ORIG
8-Apr-10	TX	AMARILLO	RICK HUSBAND AMARILLO INTL	0/4901	2/16/10	ILS RWY 4, AMDT 22
8-Apr-10	TX	AUSTIN	AUSTIN-BERGSTROM INTL	0/4902	2/16/10	ILS OR LOC RWY 17R, AMDT 3
8-Apr-10	OK	HENRYETTA	HENRYETTA MUNI	0/4941	2/16/10	RNAV (GPS) RWY 36, ORIG-A
8-Apr-10	OK	NORMAN	UNIVERSITY OF OKLAHOMA WESTHEMER	0/4943	2/16/10	NDB RWY 35, ORIG-B
8-Apr-10	TX	LUBBOCK	LUBBOCK PRESTON SMITH INTL	0/4968	2/16/10	VOR A, AMDT 6A
8-Apr-10	MT	HAMILTON	RAVALLI COUNTY	0/4994	2/23/10	RNAV (GPS) B, ORIG
8-Apr-10	MT	HAMILTON	RAVALLI COUNTY	0/4997	2/23/10	RNAV (GPS) A, ORIG
8-Apr-10	LA	DE QUINCY	DE QUINCY INDUSTRIAL AIRPARK	0/5003	2/16/10	NDB RWY 15, AMDT 1A
8-Apr-10	LA	ALEXANDRIA	ALEXANDRIA INTL	0/5004	2/23/10	RNAV (GPS) RWY 36, ORIG
8-Apr-10	LA	DE RIDDER	BEAUREGARD REGIONAL	0/5005	2/16/10	RNAV (GPS) RWY 36, AMDT 1
8-Apr-10	LA	DE RIDDER	BEAUREGARD REGIONAL	0/5006	2/16/10	RNAV (GPS) RWY 18, ORIG

8-Apr-10	LA	DE RIDDER	BEAUREGARD REGIONAL	0/5007	2/16/10	NDB RWY 36, AMDT 5
8-Apr-10	LA	DE RIDDER	BEAUREGARD REGIONAL	0/5008	2/16/10	LOC RWY 36, AMDT 3
8-Apr-10	LA	DE RIDDER	BEAUREGARD REGIONAL	0/5056	2/16/10	RADAR-1, ORIG
8-Apr-10	OH	AKRON	AKRON FULTON INTL	0/5059	2/16/10	NDB OR GPS RWY 25, AMDT 13A
8-Apr-10	OH	AKRON	AKRON FULTON INTL	0/5060	2/16/10	LOC RWY 25, AMDT 13A
8-Apr-10	OH	AKRON	AKRON FULTON INTL	0/5061	2/16/10	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 1
8-Apr-10	IA	BURLINGTON	SOUTHEAST IOWA REGIONAL	0/5066	2/16/10	VOR RWY 30, AMDT 13
8-Apr-10	IA	BURLINGTON	SOUTHEAST IOWA REGIONAL	0/5067	2/16/10	ILS OR LOC RWY 36, AMDT 10
8-Apr-10	IA	BURLINGTON	SOUTHEAST IOWA REGIONAL	0/5068	2/16/10	VOR/DME RWY 12, AMDT 6
8-Apr-10	IA	CLINTON	CLINTON MUNI	0/5079	2/16/10	VOR RWY 3, AMDT 15
8-Apr-10	IA	CLINTON	CLINTON MUNI	0/5084	2/16/10	RNAV (GPS) RWY 21, ORIG
8-Apr-10	IA	CLINTON	CLINTON MUNI	0/5085	2/16/10	ILS RWY 3, AMDT 4A
8-Apr-10	IA	CLINTON	CLINTON MUNI	0/5086	2/16/10	RNAV (GPS) RWY 3, ORIG
8-Apr-10	IA	CLINTON	CLINTON MUNI	0/5087	2/16/10	VOR/DME RWY 21, AMDT 9A
8-Apr-10	ME	PRESQUE ISLE	NORTHERN MAINE REGIONAL ARPT AT PRESQUE IS.	0/5151	2/16/10	VOR/DME RWY 1, AMDT 12A
8-Apr-10	WV	MARTINSBURG	EASTERN WV REGIONAL/ SHEPHERD	0/5197	2/16/10	VOR A, AMDT 9
8-Apr-10	TX	AMARILLO	RICK HUSBAND AMARILLO INTL	0/5201	2/16/10	RNAV (GPS) RWY 31, ORIG
8-Apr-10	TX	AUSTIN	AUSTIN-BERGSTROM INTL	0/5203	2/16/10	ILS RWY 17L, AMDT 1
8-Apr-10	TX	AUSTIN	AUSTIN-BERGSTROM INTL	0/5204	2/16/10	ILS RWY 35R, AMDT 1
8-Apr-10	PA	COLLEGEVILLE	PERKIOMEN VALLEY	0/5649	2/16/10	VOR A, ORIG
8-Apr-10	MN	ST PAUL	ST PAUL DOWNTOWN HOLMAN FLD	0/5661	2/16/10	ILS OR LOC RWY 14, AMDT 1
8-Apr-10	MI	LANSING	CAPITAL CITY	0/6591	2/23/10	ILS OR LOC RWY 28L, AMDT 26
8-Apr-10	AL	TUSCALOOSA	TUSCALOOSA REGIONAL	0/6915	2/23/10	VOR OR TACAN RWY 22, AMDT 14C
8-Apr-10	MI	SAGINAW	MBS INTL	0/7049	2/23/10	ILS RWY 23, AMDT 4A

AIRAC Date: 08 Apr 2010

FDC 9/9568 ISP FI/P LONG ISLAND MAC ARTHUR, ISLIP, NY. RNAV (GPS) RWY 6, ORIG... LNAV MDA 500/HAT 406 ALL CATS. VIS CAT C RVR 4000. DELETE NOTE: WHEN LOCAL ALTIMETER NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET. INCREASE LNAV CAT C VISIBILITY TO RVR 4000. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET. DELETE NOTE: FOR INOPERATIVE MALSR WHEN USING SHIRLEY ALTIMETER SETTING, INCREASE LNAV CAT D VISIBILITY TO RVR 6000. DELETE PLANVIEW NOTE: NOPT FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 326 CW 105. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CCC VOR/DME AIRWAY RADIALS 193 CW 263. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 0/2553 BOI FI/P BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. LOC BC RWY 28L, AMDT 1... CIRCLING CATS A/B/C MDA 3440/HAA 569, CAT E MDA 3860/HAA 989. ALTERNATE MINIMUMS STANDARD EXCEPT CAT E, 1000-3. THIS IS LOC BC RWY 28L, AMDT 1A.

FDC 0/2554 BOI FI/P BOISE AIR TERMINAL/GOWEN FLD, BOISE, ID. VOR/DME OR TACAN RWY 10L, AMDT 1B... S-10L MDA 3240/HAT 396 ALL CATS. VIS CAT D 1 1/4, CAT E 1 1/2. CIRCLING CATS A/B/C MDA 3440/HAA 569, CAT E 3860/HAA 989. CHART VDP AT BOI 3.33 DME. DIST VDP TO THLD 1.12 NM. BOI R-281/6.00 DME TO BOI R-281/2.21 DME: 3.02/53. ALTERNATE MINIMUMS STANDARD EXCEPT CAT E 1000-3 THIS IS VOR/DME OR TACAN RWY 10L, AMDT 1C.

FDC 0/2556 BOI FI/P BOISE AIR TERMINAL/GOWEN FLD, BOISE ID ILS OR LOC RWY 10R AMDT 10, ILS RWY 10R (CAT II) ... S-LOC 10R MDA 3200/HAT 364 ALL CATS. SIDESTEP RWY 10L MDA 3200/HAT 356 ALL CATS. CIRCLING CATS A/B/C MDA 3440/HAA 569. CHART VDP AT I-BOI 2.84 DME. DISTANCE VDP TO THLD 1.01 NM. DELETE CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 10R CAT D VISIBILITY TO RVR 5000. THIS IS ILS OR LOC RWY 10R AMDT 10A, ILS RWY 10R (CAT II)

FDC 0/4027 W32 FI/P WASHINGTON EXECUTIVE/HYDE FIELD, CLINTON, MD. RNAV (GPS) RWY 5, ORIG... CIRCLING CAT A MDA 680/HAA 431. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 5, ORIG-A.

FDC 0/4495 GBD FI/P GREAT BEND MUNI, GREAT BEND, KS. NDB OR GPS A, AMDT 5... CIRCLING CAT A, B, C MDA 2360/HAA 473 MINIMUM ALTITUDE HIL NDB 3100 PROCEDURE TURN COMPLETION ALTITUDE 3600 TERMINAL ROUTE TENCH INT TO HIL NDB 3100 DELETE ALL REFERENCE TO (MAVRD). THIS IS NDB A, AMDT 5A.

FDC 0/4897 PIR FI/P PIERRE REGIONAL, PIERRE, SD. ILS OR LOC RWY 31, AMDT 12A... DELETE CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2170. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2255. THIS IS ILS OR LOC RWY 31, AMDT 12B.

FDC 0/4899 BTN FI/P BRITTON MUNI, BRITTON, SD. RNAV (GPS) RWY 13, ORIG... DELETE VDP AT 1.5 MILES TO RW13. DELETE NOTE: VDP NA WHEN USING ABERDEEN ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 13, ORIG-A.

FDC 0/4900 BTN FI/P BRITTON MUNI, BRITTON, SD. RNAV (GPS) RWY 31, ORIG... DELETE VDP AT 1.4 MILES TO RW31. DELETE NOTE: VDP NA WHEN USING ABERDEEN ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 31, ORIG-A.

FDC 0/4901 AMA FI/P RICK HUSBAND AMARILLO INTL, AMARILLO, TX. ILS RWY 4, AMDT 22... CHART NOTE: S-ILS 4 RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 4 LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 4, AMDT 22A.

FDC 0/4902 AUS FI/P AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS OR LOC RWY 17R, AMDT 3... MISSED APPROACH: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3500 VIA CWK VORTAC R-222 TO GARDS INT/CWK 29.2 DME AND HOLD. THIS IS ILS OR LOC RWY 17R, AMDT 3A.

FDC 0/4941 F10 FI/P HENRYETTA MUNI, HENRYETTA, OK. RNAV (GPS) RWY 36, ORIG-A... RIGHT BASE TAA 176/30 NM CW 266/30 NM TO 176/20 NM CW 266/20NM 3700. 176/20 NMCW 266/20 NM TO FEGOT (IAF) 3000. THIS IS RNAV (GPS) RWY 36, ORIG-B.

FDC 0/4943 OUN FI/P UNIVERSITY OF OKLAHOMA WESTHEIMER, NORMAN, OK. NDB RWY 35, ORIG-B... S-35 MDA 1920/HAT 738 ALL CATS. CIRCLING MDA 1920/HAA 738 ALL CATS. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILL ROGERS ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILL ROGERS WORLD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET; INCREASE S-35 CAT B/C/D AND CIRCLING CAT B/C/D VISIBILITY 1/4 MILE. THIS IS NDB RWY 35, ORIG-C.

FDC 0/4968 LBB FI/P LUBBOCK PRESTON SMITH INTL, LUBBOCK, TX. VOR A, AMDT 6A... MISSED APPROACH: CLIMB TO 5200 VIA LBB R-114 TO HYDRO INT AND HOLD. THIS IS VOR A, AMDT 6B.

FDC 0/4994 6S5 FI/P RAVALLI COUNTY, HAMILTON, MT. RNAV (GPS) B, ORIG... DELETE NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA. DELETE NOTE: GPS OR RNP - 0.3 REQUIRED. ADD CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS RNAV (GPS) B, ORIG-A.

FDC 0/4997 6S5 FI/P RAVALLI COUNTY, HAMILTON, MT. RNAV (GPS) A, ORIG... DELETE NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, PROCEDURE NA. DELETE NOTE: GPS OR RNP - 0.3 REQUIRED. ADD CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. ADD CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS RNAV (GPS) A, ORIG-A.

FDC 0/5003 5R8 FI/P DE QUINCY INDUSTRIAL AIRPARK, DE QUINCY, LA. NDB RWY 15, AMDT 1A... S-15: MDA 800/HAT 719 CATS A,B,C. CIRCLING: MDA 800/HAA 719 CATS A,B,C. THIS IS NDB RWY 15, AMDT 1B.

FDC 0/5004 AEX FI/P ALEXANDRIA INTL, ALEXANDRIA, LA. RNAV (GPS) RWY 36, ORIG ... DELETE NOTE: RADAR REQUIRED WHEN R-3801 A-B IN USE. CHART NOTE: WHEN R-3801 A-B IN USE, PROCEDURE NA. THIS IS RNAV (GPS) RWY 36, ORIG-A.

FDC 0/5005 DRI FI/P BEAUREGARD REGIONAL, DE RIDDER, LA. RNAV (GPS) RWY 36, AMDT 1... CIRCLING CAT A/B/C MDA 720/ HAA 518, CAT D MDA 780/ HAA 578. THIS IS RNAV (GPS) RWY 36, AMDT 1A.

FDC 0/5006 DRI FI/P BEAUREGARD REGIONAL, DE RIDDER, LA. RNAV (GPS) RWY 18, ORIG... CIRCLING CAT A/B/C MDA 720/ HAA 518, CAT D MDA 780/ HAA 578. THIS IS RNAV (GPS) RWY 18, ORIG-A.

FDC 0/5007 DRI FI/P BEAUREGARD REGIONAL, DE RIDDER, LA. NDB RWY 36, AMDT 5 ... CIRCLING: CAT A/B/C MDA 720/HAA 518, CAT D MDA 780/HAA 578. THIS IS NDB RWY 36, AMDT 5A.

FDC 0/5008 DRI FI/P BEAUREGARD REGIONAL, DE RIDDER, LA. LOC RWY 36, AMDT 3 ... CIRCLING: CAT A/B/C MDA 720/HAA 518, CAT D MDA 780/HAA 578. THIS IS LOC RWY 36, AMDT 3A.

FDC 0/5056 DRI FI/P BEAUREGARD REGIONAL, DE RIDDER, LA. RADAR-1, ORIG... CHART APT ELEV 202. ASR 36: MDA 760/HAT 563 ALL CATS. VISIBILITY CAT B 1 1/4, CAT C 1 1/2, CAT D 2. ASR 18: MDA 720/ HAT 518 ALL CATS, VISIBILITY CAT B 1 1/4, CAT C 1 1/2, CAT D 2. CIRCLING: CAT A/B/C MDA 760/HAA 558, CAT D MDA 780/ HAA 578. VISIBILITY CAT B 1 1/4. THIS IS RADAR-1,, ORIG-A.

FDC 0/5059 AKR FI/P AKRON FULTON INTL, AKRON, OH. NDB OR GPS RWY 25, AMDT 13A... CHART: FAF TO MAP 3.65 NM. CHANGE TIME DISTANCE TABLE TO KNOTS/MIN:SEC 60/3:36, 90/2:24, 120/1:48, 150/1:26, 180/1:12. CHART: VDA 3.09/TCH 50. THIS IS NDB OR GPS RWY 25, AMDT 13B.

FDC 0/5060 AKR FI/P AKRON FULTON INTL, AKRON, OH. LOC RWY 25, AMDT 13A... CHART: FAF TO MAP 3.65 NM. CHANGE TIME DISTANCE TABLE TO KNOTS/MIN:SEC 60/3:36, 90/2:24, 120/1:48, 150/1:26, 180/1:12. CHART: VDA 3.09/TCH 50. THIS IS LOC RWY 25, AMDT 13B.

FDC 0/5061 AKR FI/P AKRON FULTON INTL, AKRON, OH. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKE-OFF MINIMUMS: RWY 19, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 394 FT PER NM TO 1300. RWY 25, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 1400. NOTE: RWY 7, NUMEROUS TREES, POLES, ROADS AND TERRAIN POINTS BEGINNING 45 FT FROM DER, BOTH SIDES OF CENTERLINE, UP TO 120 FT AGL/1189 FT MSL. NOTE: RWY 19, TREE 3244 FT FROM DEPARTURE END OF RUNWAY, 631 FT RIGHT OF CENTERLINE, 100 FT AGL/1203 FT MSL. RWY 25, TOWER 1.4 NM FROM DEPARTURE END OF RUNWAY, 216 FT LEFT OF CENTERLINE, 309 FT AGL/1342 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A.

FDC 0/5066 BRL FI/P SOUTHEAST IOWA REGIONAL, BURLINGTON, IA. VOR RWY 30, AMDT 13... MSA FROM BURLINGTON (BRL) VORTAC 3100. THIS IS VOR RWY 30, AMDT 13A.

FDC 0/5067 BRL FI/P SOUTHEAST IOWA REGIONAL, BURLINGTON, IA. ILS OR LOC RWY 36, AMDT 10... MSA FROM BURLINGTON (BRL) VORTAC 3100. THIS IS ILS OR LOC RWY 36, AMDT 10A.

FDC 0/5068 BRL FI/P SOUTHEAST IOWA REGIONAL, BURLINGTON, IA. VOR/DME RWY 12, AMDT 6... MSA FROM BURLINGTON (BRL) VORTAC 3100. THIS IS VOR/DME RWY 12, AMDT 6A.

FDC 0/5079 CWI FI/P CLINTON MUNI, CLINTON, IA. VOR RWY 3, AMDT 15... YINUN MINIMUMS CIRCLING MDA 1240/HAA 532 CATS B/C. THIS IS VOR RWY 3, AMDT 15A.

FDC 0/5084 CWI FI/P CLINTON MUNI, CLINTON, IA. RNAV (GPS) RWY 21, ORIG... CIRCLING MDA 1240/HAA 532 CATS B/C. THIS IS RNAV (GPS) RWY 21, ORIG-A.

FDC 0/5085 CWI FI/P CLINTON MUNI, CLINTON, IA. ILS RWY 3, AMDT 4A... CIRCLING MDA 1240/HAA 532 CATS B/C. ALTERNATE MINIMUMS: STANDARD. THIS IS ILS OR LOC RWY 3, AMDT 4B.

FDC 0/5086 CWI FI/P CLINTON MUNI, CLINTON, IA. RNAV (GPS) RWY 3, ORIG... CIRCLING MDA 1240/HAA 532 CATS B/C. THIS IS RNAV (GPS) RWY 3, ORIG-A.

FDC 0/5087 CWI FI/P CLINTON MUNI, CLINTON, IA. VOR/DME RWY 21, AMDT 9A... CIRCLING MDA 1240/HAA 532 CATS B/C. THIS IS VOR/DME RWY 21, AMDT 9B.

FDC 0/5151 PQI FI/P NORTHERN MAINE REGIONAL ARPT AT PRESQUE IS, PRESQUE ISLE, ME. VOR/DME RWY 1, AMDT 12A... S-1 MDA 1100/HAT 622 ALL CATS. VIS CAT C 1 1/4, VIS CAT D 1 1/2. CIRCLING CAT A MDA 1140/HAA 606. CHART VDP AT 7.62 DME; DISTANCE VDP TO THLD 1.68 MILES. THIS IS VOR/DME RWY 1, AMDT 12B.

FDC 0/5197 MRB FI/P EASTERN WV REGIONAL/SHEPHERD, MARTINSBURG, WV. VOR A, AMDT 9... MSA FROM MARTINSBURG (MRB) VORTAC 240-330 4000, 330-240 3500. THIS IS VOR A, AMDT 9A.

FDC 0/5201 AMA FI/P RICK HUSBAND AMARILLO INTL, AMARILLO, TX. RNAV (GPS) RWY 31, ORIG... LNAV MDA 3960/ HAT 360 ALL CATS. VIS CAT D 1 1/4. VDP 1.0 NM TO RW31. ALTERNATE MINIMUMS STANDARD. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 31, ORIG-A.

FDC 0/5203 AUS FI/P AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS RWY 17L, AMDT 1... S-ILS 17L DH 692/HAT 200, VIS RVR 1800 ALL CATS. THIS IS ILS OR LOC RWY 17L, AMDT 1A.

FDC 0/5204 AUS FI/P AUSTIN-BERGSTROM INTL, AUSTIN, TX. ILS RWY 35R, AMDT 1... S-ILS 35R DH 680/HAT 200, VIS RVR 1800 ALL CATS. ADD NOTE: DME OR RADAR REQUIRED. THIS IS ILS OR LOC RWY 35R, AMDT 1A.

FDC 0/5649 N10 FI/P PERKIOMEN VALLEY, COLLEGEVILLE, PA. VOR A, ORIG... CHART NOTE: USE HERITAGE FIELD ALTIMETER SETTING; WHEN NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE MDA 80 FEET. DELETE NOTE: USE POTTSTOWN-LIMERICK ALTIMETER SETTING; WHEN NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE MDA 80 FEET. THIS IS VOR A, ORIG-A.

FDC 0/5661 STP FI/P ST PAUL DOWNTOWN HOLMAN FLD, ST PAUL, MN. ILS OR LOC RWY 14, AMDT 1... MINIMUM ALTITUDE AT JEDEN INT/I-VKG 3.47 DME/RADAR FIX 1520 (ASTERISK). DISREGARD MINIMUM ALTITUDE 1360. THIS IS ILS OR LOC RWY 14, AMDT 1A.

FDC 0/6591 LAN FI/P CAPITAL CITY, LANSING, MI. ILS OR LOC RWY 28L, AMDT 26... S-LOC 28L CAT D VIS RVR 5000. 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 28L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 28L, AMDT 26A.

FDC 0/6915 TCL FI/P TUSCALOOSA REGIONAL, TUSCALOOSA, AL. VOR OR TACAN RWY 22, AMDT 14C... CHART LDK VORTAC TO RW22: 3.00/50.4. CHART VDP AT LDK 2.51 DME. CHART DISTANCE VDP TO THLD 1.52 MILES. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR OR TACAN RWY 22, AMDT 14D.

FDC 0/7049 MBS FI/P MBS INTL, SAGINAW, MI. ILS RWY 23, AMDT 4A... S-ILS 23 VISIBILITY RVR 2400 ALL CATS. S-LOC 23 VISIBILITY CATS A/B/C RVR 2400, CAT D RVR 4000. DELETE NOTES: CAT D S-LOC VISIBILITY INCREASED 1/4 MILE FOR INOPERATIVE MM. WHEN CONTROL TOWER CLOSED, ACTIVATE MALSR RWY 23 AND SSALR RWY 5-CTAF. CHART NOTE: ADF 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 23 LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 23, AMDT 4B.