

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 09-26

November 13, 2009

**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 of procedures published in TL 09-23 and
TL 09-25:**

Fort Dodge, IA, Fort Dodge Rgnl, ILS OR LOC RWY 6, Amdt 7
Red Oak, IA, Red Oak Muni, RNAV (GPS) RWY 5, Orig
Fremont, MI, Fremont Muni, VOR RWY 18, Orig-A
Fort Hood/Killeen, TX, Robert Gray AAF, NDB RWY 15, Amdt 6
Fort Hood/Killeen, TX, Robert Gray AAF, VOR-A, Amdt 2

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29**

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FOD VORTAC	BARRO LOM	177.71 / 5.82	2800	ILS: DA LOC: 4.85 MILES AFTER BARRO LOM
LESFI/FOD VORTAC 14.00 DME CCW (IAF)	SHRLA INT/FOD VORTAC 14.00 DME (NOPT)	14.00 DME ARC (FOD LR-225)	2800	CLIMB TO 2800 THEN LEFT TURN DIRECT FOD VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2800 THEN LEFT TURN DIRECT BARRO LOM AND HOLD SW, RT, 063.00 INBOUND (ADF REQUIRED).
HIMSU/FOD VORTAC 14.00 DME CW (IAF)	SHRLA INT/FOD VORTAC 14.00 DME (NOPT)	14.00 DME ARC (FOD LR-208)	2800	
SHRLA INT/FOD VORTAC 14.00 DME (IF)	BARRO LOM	063.00 / 10.14 (I-FOD)	2800	
This is a corrected copy of a procedure published in TL 09-25, dated 10.30.2009.				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 120.35 INBOUND. CHART ALTERNATE MA HOLDING, HOLD SW, RT, 063.00 INBOUND. CHART FOD R-150 AT HIMSU. CHART FOD R-254 AT LESFI. CHART 2800 PRIOR TO BARRO LOM IN PROFILE

1. PT	L	SIDE OF COURSE	243.00	OUTBOUND	2800	FT WITHIN	10	MILES OF	BARRO LOM	(IAF)	
2.											
3. FAC:	063.00	FAF:	BARRO LOM					DIST FAF TO MAP:	4.85	THLD:	4.85
4. MIN. ALT:	BARRO LOM 2800,	ATLOJ INT	1820*								
5. DIST TO THLD FROM OM:	4.85	MM:	0.45	IM:	-	150 HAT:	-	100 HAT:	-	GS ANT:	899
6. MIN GS INCPT:	2800	GS ALT AT:	GS INTCP			OM:	2702	MM:	1278	IM:	-
7. GS ANGLE:	3.00	TCH:	54.4								
8. MSA FROM:	FO LOM 270-360	3400, 360-270	2800								

EPOCH YEAR: 2010

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 6	1307	1/2	200	1307	1/2	200	1307	1/2	200		NA				
S-LOC 6	1820	1/2	713	1820	1/2	713	1820	1 1/2	713		NA				
CIRCLING	1820	1	664	1820	1	664	1820	2	664		NA				

[illegible]

DATED 05/03/1990

PAGE 1 OF 3 PAGES <

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

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

QUALITY
1
CHECKED

CITY AND STATE

FORT DODGE, IA

ELEVATION: 1156 TDZE: 1107

AIRPORT NAME:

FORT DODGE RGNL

FACILITY
IDENTIFIER:
I-FOD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 6, AMDT 7

17 DEC 2009

SUP: ILS RWY 6

AMDT: 6B

DATED: 05/03/1990

**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29**

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CITY AND STATE
FORT DODGE, IA

ELEVATION: 1156 TDZE: 1107
AIRPORT NAME:
FORT DODGE RGNL

FACILITY
IDENTIFIER:
I-FOD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 6, AMDT 7
17 DEC 2009

SUP: ILS RWY 6
AMDT: 6B
DATED: 05/03/1990

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW05 CLIMB TO 3000 DIRECT HOBEG AND RIGHT TURN VIA TRACK 146.93 TO SAJHO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 340.66 INBOUND. CHART FAS OBST: 1339 TREE 405901N/0951823W CHART VDP AT 1.68 MILES TO RW05. KUWFY TO RW05: 3.04/40			
OVR VORTAC	WESUD (FB)	135.91 / 14.64	3400				
VIKKI	YUBHI (FB)	356.49 / 8.76	3000				
SAJHO	YUBHI (FB)	239.76 / 16.56	3000				
WESUD (IAF)	INIH (FB)	143.79 / 5.00	3000				
YUBHI (IAF)	INIH (FB)	323.87 / 5.00	3000				
INIH (IF)	KUWFY (FB)	053.75 / 6.10	2700				
This is a corrected copy of a procedure published in TL 09-25, dated 10.30.2009. ** New ARINC pages 3 - 5. **							

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 INIH			
3. FAC: <u>053.83</u> FAF: <u>KUWFY</u>		DIST FAF TO MAP: <u>5.02</u> THLD: <u>5.02</u>	
4. MIN. ALT: <u>INIH 3000, KUWFY 2700</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>RW05 3900</u>			
MAG VAR: <u>4E</u>		EPOCH YEAR: <u>2000</u>	

MINIMUMS															
TAKEOFF:	STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1600	1	557	1600	1	557									
CIRCLING	1620	1	575	1780	1	735									

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 SHENANDOAH ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT B VISIBILITY 1/4 MILE.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1045 TDZE: 1043	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RED OAK, IA	AIRPORT NAME:		RNAV (GPS) RWY 5, ORIG	AMDT: NONE
	RED OAK MUNI		17 DEC 2009	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 OVR VORTAC VIA V6-8 WESTBOUND AND V307 NORTHBOUND.

CHART NOTE: VDP NA WHEN USING SHENANDOAH ALTIMETER SETTING.

CITY AND STATE

RED OAK, IA

ELEVATION: 1045 TDZE: 1043

AIRPORT NAME:

RED OAK MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

QUALITY
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Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	OVR	OVR	010		IF		FB				
	OVR	WESUD	020	IAF	TF		FB	2.0	135.9 (140T)	014.6	03400
	OVR	INIHI	030	IF	TF		FB	1.0	143.8 (148T)	005.0	03000
	SAJHO	SAJHO	010		IF		FB				
	SAJHO	YUBHI	020	IAF	TF		FB	2.0	239.8 (244T)	016.6	03000
	SAJHO	INIHI	030	IF	TF		FB	1.0	323.9 (328T)	005.0	03000
	VIKKI	VIKKI	010		IF		FB				
	VIKKI	YUBHI	020	IAF	TF		FB	2.0	356.5 (001T)	008.8	03000
	VIKKI	INIHI	030	IF	TF		FB	1.0	323.9 (328T)	005.0	03000
		INIHI	010	FACF	IF		FB				03000
		KUWFY	020	FAF	TF		FB	0.5	053.8 (058T)	006.1	02700
		RW05	030	MAP	TF		FO	0.3	053.8 (058T)	005.0	01081

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOBEG	040		DF		FB	1.0			
	SAJHO	050		TF	R	FO	1.0	146.9 (151T)		03000
	SAJHO	060		HM	R	FO	2.0	340.7 (345T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411002.19	W0954412.23	N4110.037	W09544.204
	HOBEG	N410332.20	W0950926.40	N4103.537	W09509.440
	INIHI	N405435.05	W0952814.53	N4054.584	W09528.242
	KUWFY	N405750.39	W0952125.62	N4057.840	W09521.427
	SAJHO	N405742.24	W0950509.77	N4057.704	W09505.163
	VIKKI	N404135.17	W0952449.94	N4041.586	W09524.832
	WESUD	N405849.09	W0953145.43	N4058.818	W09531.757
	YUBHI	N405020.90	W0952444.08	N4050.348	W09524.735
	RW05	N410030.58	W0951549.15	N4100.510	W09515.819

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	01041	40

QUALITY
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CITY AND STATE RED OAK, IA	ELEVATION: 1045 TDZE: 1043 AIRPORT NAME: RED OAK MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.50 MILES AFTER WIXEG INT					
HIC VOR/DME	WIXEG INT	260.00 / 11.84	2600	CLIMB TO 2400 DIRECT MKG VORTAC AND HOLD.					
MKG VORTAC	WIXEG INT	007.43 / 22.20	2600						
RUMUE INT (IF/IAF)	WIXEG INT (NOPT)	187.43 / 8.93 (MKG R-007)	2600						
** This is a corrected copy of a procedure published in TL 09-23. ** [Local Altimeter chart note changed]					ADDITIONAL FLIGHT DATA: HOLD S, RT, 008.00 INBOUND. CHART FAS OBST: 975 TREE 432845N/0855855W WIXEG TO RW18: 3.04/55 CHART 1382 TOWER 433224N/0855931W				
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N WIXEG, RT, 187.43 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC 187.43 FAF WIXEG INT _____ DIST FAF TO MAP 5.50 THLD 5.50 4. MIN. ALT WIXEG 2600 8. MSA FROM: MKG VORTAC 2900					MAG VAR: _____ EPOCH YEAR: _____				
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
S-18	1280	1	510	1280	1	510	1280	1 1/2	510
CIRCLING	1280	1	508	1280	1	508	1280	1 1/2	508
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSKEGON ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE S-18 CAT D VISIBILITY 1/4 MILE.									
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.									
									
CITY AND STATE		ELEVATION: 772 TDZE: 770		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP	
FREMONT, MI		AIRPORT NAME:		MKG		VOR RWY 18, ORIG-A		AMDT ORIG	
		FREMONT MUNI				17 DEC 2009		DATE 01/18/2007	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 5.71 MILES AFTER STARN LOM							
GRK VOR/DME		STARN LOM		330.68 / 8.73				4000		CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT STARN LOM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 150.10 INBOUND. CHART FAS OBST: 1351 ANT ON OL TK 310434N/0975148W STARN LOM TO RW15: 3.16/71. CHART HOOD MOA CHART GRAY MOA CHART R-6302 A,B,C,D CHART AGJ R-101 AT FIPAG. ← CHART: ASR/PAR							
AGJ VORTAC (IAF)		OKEST INT/GRK 15.00 DME (NOPT)		061.97 / 12.13				3000									
OKEST INT/GRK 15.00 DME (IF)		STARN LOM		150.54 / 6.27				2900									
This is a corrected copy of a procedure previously published.																	
1. PT <u>L</u> SIDE OF COURSE <u>330.10</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>STARN LOM</u> (IAF)																	
2. _____																	
3. FAC <u>150.10</u> FAF <u>STARN LOM</u> DIST FAF TO MAP <u>5.71</u> THLD <u>5.71</u>																	
4. MIN. ALT <u>STARN LOM 2900, FIPAG INT 1740</u>																	
8. MSA FROM: <u>GR LOM 4200</u>																	
MAG VAR: 7E EPOCH YEAR: 1990																	
MINIMUMS																	
TAKEOFF: _____		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-15	1740	4000	725	1740	4000	725	1740	1 1/2	725	1740	2	725	1740	2 1/4	725		
CIRCLING	1740	1	725	1740	1	725	1740	2	725	1740	2 1/4	725	1740	2 1/2	725		
FIPAG FIX MINIMUMS																	
S-15	1660	4000	645	1660	4000	645	1660	8000	645	1660	1 3/4	645	1660	2	645		
CIRCLING	1660	1	645	1660	1	645	1660	1 3/4	645	1660	2	645	1740	2 1/2	725		
NOTES:																	
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-15 CAT A, B, AND FIPAG FIX MINIMUMS S-15 CAT A, B. CHART NOTE: CIRCLING NA W OF RWY 15-33. CHART PLANVIEW NOTE: RADAR REQUIRED SEE 8260-10																	
CITY AND STATE FORT HOOD/KILLEEN, TX				ELEVATION: 1015 TDZE: 1015 AIRPORT NAME: ROBERT GRAY AAF				FACILITY IDENTIFIER: GRK				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 15, AMDT 6, 12/17/2009 17 DEC 2009				SUP	
																AMDT 5A	
																DATE 04/09/2002	

**NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.27**

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NOTES CONT.**CHART PLANVIEW NOTE: CAT E PROCEDURE TURN NOT AUTHORIZED.****CHART NOTE: FOR INOPERATIVE MALSR, INCREASE ALL S-15 CAT D & E VISIBILITIES 1/4 MILE.**

QUALITY
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CITY AND STATE

FORT HOOD/KILLEEN, TX

ELEVATION: 1015 TDZE: 1015

AIRPORT NAME:

ROBERT GRAY AAF

FACILITY
IDENTIFIER:
GRK

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

NDB RWY 15, AMDT 6, 12/17/2009

17 DEC 2009

SUP:

AMDT: 5A

DATED: 04/09/2002

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: 1.41 MILES AFTER GRK VOR/DME OR AT 1.41 DME FIX CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT GRK VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 333.00 INBOUND. CHART FAS OBST: 1194 ANT 310154N/0974922W CHART R-6302 A, B, C, GRAY MOA. CHART: ASR/PAR					
AGJ VORTAC	GRK VOR/DME	113.31 / 19.21	3000	This is a corrected copy of a procedure previously published.					
SLIMM INT	GRK VOR/DME	050.66 / 24.88	3100						
DARTE INT	GRK VOR/DME	303.43 / 24.58	3600						
1. PT <u>R</u> SIDE OF COURSE <u>153.32</u> OUTBOUND <u>3000</u> FT WITHIN <u>10</u> MILES OF <u>GRK VOR/DME</u> (IAF) 2. _____ 3. FAC <u>333.32</u> FAF <u>GRK VOR/DME</u> DIST FAF TO MAP <u>1.41</u> THLD _____ 4. MIN. ALT <u>GRK VOR/DME 2100</u> ← 8. MSA FROM: <u>GRK VOR/DME 360-180 3100, 180-360 4200</u>					MAG VAR: 7E EPOCH YEAR: 1990				
MINIMUMS									
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE:	NA	X	
CATEGORY =====>	A		B		C		D		E
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1540	1	525	1540	1	525	1560	1 1/2	545
NOTES: CHART NOTE: CIRCLING NA W OF RWY 15-33.									
CITY AND STATE FORT HOOD/KILLEEN, TX		ELEVATION: 1015 TDZE: AIRPORT NAME: ROBERT GRAY AAF		FACILITY IDENTIFIER: GRK		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 2, 12/17/2009 17 DEC 2009		SUP	
								AMDT 1B	
								DATE 04/09/2002	



[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30697 Amdt. No 3348]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

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

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

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

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

THE RULE

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

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

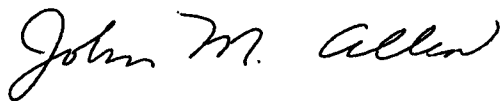
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on November 13, 2009.

A handwritten signature in black ink that reads "John M. Allen". The signature is written in a cursive, flowing style.

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 17 DEC 2009

St George, AK, St George, Takeoff Minimums and Obstacle DP, Amdt 1
Wrangell, AK, Wrangell, VOR/DME-B, Amdt 1, CANCELLED
Pell City, AL, St. Clair County, RNAV (GPS) RWY 3, Amdt 2
Pell City, AL, St. Clair County, RNAV (GPS) RWY 21, Amdt 2
Pell City, AL, St. Clair County, Takeoff Minimums and Obstacle DP, Amdt 2
Pell City, AL, St. Clair County, VOR-A, Amdt 9
Nogales, AZ, Nogales Intl, Takeoff Minimums and Obstacle DP, Amdt 2
Chico, CA, Chico Muni, ILS OR LOC/DME RWY 13L, Amdt 12
Wilmington, DE, New Castle, ILS OR LOC RWY 1, Amdt 22
Avon Park, FL, Avon Park Executive, Takeoff Minimums and Obstacle DP, Amdt 1
Marco Island, FL, Marco Island, GPS RWY 17, Orig-A, CANCELLED
Marco Island, FL, Marco Island, GPS RWY 35, Orig-A, CANCELLED
Marco Island, FL, Marco Island, RNAV (GPS) RWY 17, Orig
Marco Island, FL, Marco Island, RNAV (GPS) RWY 35, Orig
Marco Island, FL, Marco Island, Takeoff Minimums and Obstacle DP, Amdt 2
Miami, FL, Kendall-Tamiami Executive, RNAV (GPS) RWY 9L, Orig-A
Naples, FL, Naples Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Sebring, FL, Sebring Rgnl, RNAV (RNP) RWY 18, Orig
West Palm Beach, FL, Palm Beach Intl, ILS OR LOC RWY 10L, Amdt 25
West Palm Beach, FL, Palm Beach Intl, ILS OR LOC RWY 28R, Amdt 3
West Palm Beach, FL, Palm Beach Intl, RNAV (GPS) Y RWY 10L, Amdt 2
West Palm Beach, FL, Palm Beach Intl, RNAV (GPS) Y RWY 14, Amdt 2
West Palm Beach, FL, Palm Beach Intl, RNAV (GPS) Y RWY 28R, Amdt 2
West Palm Beach, FL, Palm Beach Intl, RNAV (GPS) Y RWY 32, Amdt 2
Thomaston, GA, Thomaston-Upson County, RNAV (GPS) RWY 30, Orig
Chariton, IA, Chariton Muni, GPS RWY 10, Orig-A, CANCELLED
Chariton, IA, Chariton Muni, RNAV (GPS) RWY 10, Orig
Chariton, IA, Chariton Muni, RNAV (GPS) RWY 17, Orig
Chariton, IA, Chariton Muni, Takeoff Minimums and Obstacle DP, Orig
Idaho Falls, ID, Idaho Falls Rgnl, Takeoff Minimums and Obstacle DP, Amdt 4
Rochelle, IL, Rochelle Muni-Koritz Field, RNAV (GPS) RWY 25, Orig-A
Rochelle, IL, Rochelle Muni-Koritz Field, VOR-A, Amdt 8A
Huntingburg, IN, Huntingburg, GPS RWY 9, Orig, CANCELLED
Huntingburg, IN, Huntingburg, GPS RWY 27, Orig, CANCELLED
Huntingburg, IN, Huntingburg, RNAV (GPS) RWY 9, Orig
Huntingburg, IN, Huntingburg, RNAV (GPS) RWY 27, Orig
Lewisport, KY, Hancock Co-Ron Lewis Field, RNAV (GPS) RWY 5, Orig
Lewisport, KY, Hancock Co-Ron Lewis Field, RNAV (GPS) RWY 23, Orig
Lewisport, KY, Hancock Co-Ron Lewis Field, Takeoff Minimums and
Obstacle DP, Orig
Bogalusa, LA, George R Carr Memorial Air Field, LOC RWY 18, Amdt 2

Bogalusa, LA, George R Carr Memorial Air Field, Takeoff Minimum and Obstacle DP, Amdt 2
Winnfield, LA, David G. Joyce, NDB OR GPS RWY 8, Amdt 2B, CANCELLED
Mankato, MN, Mankato Rgnl, GPS RWY 22, Orig, CANCELLED
Mankato, MN, Mankato Rgnl, RNAV (GPS) RWY 4, Orig
Mankato, MN, Mankato Rgnl, RNAV (GPS) RWY 22, Orig
St Louis, MO, Lambert-St Louis Intl, ILS OR LOC RWY 12R, Amdt 21E
Okolona, MS, Okolona Muni-Richard Stovall Field, RNAV (GPS) RWY 18, Orig
Okolona, MS, Okolona Muni-Richard Stovall Field, RNAV (GPS) RWY 36, Orig
Okolona, MS, Okolona Muni-Richard Stovall Field, VOR/DME OR GPS RWY 18, Amdt 5, CANCELLED
Butte, MT, Bert Mooney, ILS Y RWY 15, Amdt 7
Charlotte, NC, Charlotte/Douglas Intl, Takeoff Minimums and Obstacle DP, Amdt 5
Neligh, NE, Antelope County, RNAV (GPS) RWY 1, Orig
Neligh, NE, Antelope County, RNAV (GPS) RWY 19, Orig
Neligh, NE, Antelope County, Takeoff Minimums and Obstacle DP, Orig
Sidney, NE, Sidney Muni/Lloyd W Carr Field, VOR RWY 31, Amdt 8
Rochester, NH, Skyhaven, GPS RWY 33, Orig-B, CANCELLED
Rochester, NH, Skyhaven, NDB-B, Amdt 2
Rochester, NH, Skyhaven, RNAV (GPS) RWY 33, Orig
Rochester, NH, Skyhaven, Takeoff Minimums and Obstacle DP, Amdt 6
Rochester, NH, Skyhaven, VOR/DME-A, Amdt 2
Teterboro, NJ, Teterboro, RNAV (RNP) RWY 19, Orig-A
Teterboro, NJ, Teterboro, RNAV (RNP) Z RWY 6, Orig-A
Jamestown, NY, Chautauqua County/Jamestown, ILS OR LOC RWY 25, Amdt 7
Jamestown, NY, Chautauqua County/Jamestown, RNAV (GPS) RWY 7, Amdt 1
Jamestown, NY, Chautauqua County/Jamestown, RNAV (GPS) RWY 25, Amdt 1
Jamestown, NY, Chautauqua County/Jamestown, RNAV (GPS) Y RWY 25, Orig, CANCELLED
Massena, NY, Massena Intl-Richards Field, Takeoff Minimums and Obstacle DP, Amdt 8
New York, NY, John F. Kennedy Intl, RNAV (RNP) Z RWY 31R, Orig-A
Springfield, OH, Springfield-Beckley Muni, ILS OR LOC RWY 24, Amdt 2
Springfield, OH, Springfield-Beckley Muni, NDB RWY 24, Amdt 17
Springfield, OH, Springfield-Beckley Muni, RNAV (GPS) RWY 6, Orig
Springfield, OH, Springfield-Beckley Muni, RNAV (GPS) RWY 24, Orig
Springfield, OH, Springfield-Beckley Muni, VOR RWY 6, Amdt 11
Kutztown, PA, Kutztown, RNAV (GPS)-A, Orig, CANCELLED
Kutztown, PA, Kutztown, Takeoff Minimums and Obstacle DP, Orig, CANCELLED
Kutztown, PA, Kutztown, VOR-B, Amdt 1B, CANCELLED
Saluda, SC, Saluda County, Takeoff Minimums and Obstacle DP, Orig
Columbia/Mt Pleasant, TN, Maury County, GPS RWY 24, Orig, CANCELLED
Columbia/Mt Pleasant, TN, Maury County, RNAV (GPS) RWY 6, Orig
Columbia/Mt Pleasant, TN, Maury County, RNAV (GPS) RWY 24, Orig
Columbia/Mt Pleasant, TN, Maury County, VOR/DME-A, Amdt 4

Beaumont/Port Arthur, TX, Southeast Texas Rgnl, ILS OR LOC RWY 12, Amdt 23
Beaumont/Port Arthur, TX, Southeast Texas Rgnl, LOC BC RWY 30, Amdt 20
Beaumont/Port Arthur, TX, Southwest Texas Rgnl, Takeoff Minimums and
Obstacle DP, Orig
Bridgeport, TX, Bridgeport Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Burnet, TX, Burnet Muni/Kate Craddock Field, GPS RWY 1, Amdt 1, CANCELLED
Burnet, TX, Burnet Muni/Kate Craddock Field, GPS RWY 19, Orig, CANCELLED
Burnet, TX, Burnet Muni/Kate Craddock Field, NDB RWY 1, Amdt 6
Burnet, TX, Burnet Muni/Kate Craddock Field, RNAV (GPS) RWY 1, Orig
Burnet, TX, Burnet Muni/Kate Craddock Field, RNAV (GPS) RWY 19, Orig
Burnet, TX, Burnet Muni/Kate Craddock Field, Takeoff Minimums and
Obstacle DP, Amdt 1
Dallas, TX, Collins County Rgnl at McKinney, ILS OR LOC RWY 17, Amdt 3
Dallas, TX, Collins County Rgnl at McKinney, RNAV (GPS) RWY 17, Amdt 1
Dallas, TX, Collins County Rgnl at McKinney, RNAV (GPS) RWY 35, Amdt 1
Dallas, TX, Collins County Rgnl at McKinney, Takeoff Minimums and
Obstacle DP, Orig
Killeen, TX, Skylark Field, NDB OR GPS RWY 1, Amdt 5C, CANCELLED
Tooele, UT, Bolinder Field-Tooele Valley, RNAV (GPS) RWY 17, Amdt 2A
Tooele, UT, Bolinder Field-Tooele Valley, RNAV (GPS) Y RWY 17, Orig,
CANCELLED
Eastsound, WA, Orcas Island, Takeoff Minimums and Obstacle DP, Amdt 1
Milwaukee, WI, General Mitchell Intl, ILS OR LOC RWY 1L, ILS RWY 1L (CAT II),
ILS RWY 1L (CAT III), Amdt 9
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) RWY 1L, Amdt 1
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, LOC RWY 36,
Amdt 1
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, NDB RWY 28,
Amdt 12
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, NDB OR GPS RWY
18, Amdt 12A, CANCELLED
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, NDB OR GPS RWY
36, Amdt 9A, CANCELLED
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, RNAV (GPS)
RWY 18, Orig
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, RNAV (GPS)
RWY 28, Orig
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, RNAV (GPS)
RWY 36, Orig
Minocqua-Woodruff, WI, Lakeland/Noble F. Lee Memorial Field, Takeoff Minimums
and Obstacle DP, Orig
Sheboygan, WI, Sheboygan County Memorial, ILS OR LOC/DME RWY 21, Amdt 3
Sheboygan, WI, Sheboygan County Memorial, RNAV (GPS) RWY 3, Amdt 2
Sheboygan, WI, Sheboygan County Memorial, RNAV (GPS) RWY 21, Amdt 2

Sheboygan, WI, Sheboygan County Memorial, VOR RWY 3, Amdt 8

Sheboygan, WI, Sheboygan County Memorial, VOR RWY 21, Amdt 8

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 11: STANDARD WITH MINIMUM CLIMB OF 454 FEET PER NM TO 1100 OR 700 - 3 WITH A MINIMUM CLIMB OF 311 FEET PER NM TO 1200 OR 1300 - 3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 29: STANDARD WITH MINIMUM CLIMB OF 690 FEET PER NM TO 1200 OR 800 - 3 WITH A MINIMUM CLIMB OF 300 FEET PER NM TO 1200 OR 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 11: CLIMB HEADING 107.28 TO 1100 THEN CLIMBING RIGHT TURN VIA HEADING 225.00 TO INTERCEPT THE 180.00 BEARING FROM SRI NDB/DME BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ST GEORGE AIRPORT AT OR ABOVE 1300 BEFORE PROCEEDING ON COURSE.

RWY 29: CLIMB HEADING 287.29 TO 1200 THEN CLIMBING LEFT TURN VIA HEADING 135.00 TO INTERCEPT THE 180.00 BEARING FROM SRI NDB/DME BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ST GEORGE AIRPORT AT OR ABOVE 1300 BEFORE PROCEEDING ON COURSE.

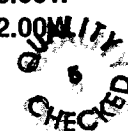
(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 29: TERRAIN BEGINNING 102' FROM DER, 43' RIGHT OF CENTERLINE UP TO 260' MSL.

(4) CONTROLLING OBSTACLES:

RWY 11: 657 MSL TERRAIN 563339.00N/1693606.00W, 542 MSL TERRAIN 563312.00N/1693506.00W, 680 MSL TERRAIN 563357.00N/1693506.00W

RWY 29: 279 MSL TERRAIN 563515.00N/1694106.00W, 871 MSL TERRAIN 563620.29N/1694605.33W, 640 MSL TERRAIN 563554.00N/1694442.00W

VCOA: 1017 MSL TERRAIN 563623.83N/1694113.83W



(5) City, State ST GEORGE, AK	(6) Airport ST GEORGE	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 1

U.S. DEPARTMENT OF TRANSPORTATION

FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE

SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE

VOR/DME

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

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicated on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for en route operation in the particular area or as set forth below.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)	ADDITIONAL FLIGHT DATA:
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: _____	

MINIMUMS

TAKEOFF:	STANDARD	NOTES						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 17 DEC 2009

QUALITY
CHECKED

CITY AND STATE	ELEVATION: 44 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WRANGELL, ALASKA	AIRPORT NAME: WRANGELL	LVD	VOR/DME-B, AMDT 1, 11/10/1975	AMDT: ORIG
				DATED: 02/15/1973

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		
HANDE (IAF)	HANUR (NOPT) (FB)	072.71 / 9.77	4000	LNAV: RW03	
HANUR (IF/IAF)	CEKLA (FB)	025.05 / 6.13	2400	CLIMBING LEFT TURN TO 4000 DIRECT HANUR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 879 TREE 333215N/0861455W CHART R-2102 A,B,C. CHART R-2101. CEKLA TO RW03: 3.05/53.	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW HANUR, RT, 025.05 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 025.12 FAF: CEKLA DIST FAF TO MAP: 5.75 THLD: 5.75
- MIN. ALT: HANUR 4000, CEKLA 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW03 4000

MAG VAR: 3W

EPOCH YEAR: 2005

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY >>>>>	A			B			C			D			E			
	DH/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	1140	1	657	1140	1	657	1140	1 3/4	657	1140	2	657				
CIRCLING	1180	1	695	1180	1	695	1180	2	695	1180	2 1/4	695				

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 ANNISTON ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. INCREASE LNAV CAT C/D AND CIRCLING CATS B/C/D, VISIBILITY 1/4 MILE.



CITY AND STATE PELL CITY, AL	ELEVATION: 485 TDZE: 483 AIRPORT NAME: ST CLAIR COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 2 AMDT: 1 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 KPLRK7FR03	AHANDE	010HANDEK7EA0E	A	IF						18000		B JS	
SUSAP KPLRK7FR03	AHANDE	020HANURK7EA0EE	B	010TF			07270098	+	04000			B JS	
SUSAP KPLRK7FR03	AHANUR	010HANURK7EA0EE	AR	HF			02510050	+	04000	18000		B JS	
SUSAP KPLRK7FR03	R	010HANURK7EA0E	I	IF				+	04000	18000		B JS	
SUSAP KPLRK7FR03	R	020CEKLAK7EA1E	F	051TF			02510061	+	02400		RW03	K7PGB JS	
SUSAP KPLRK7FR03	R	020CEKLAK7EA2WN			N	ALNAV						JS	
SUSAP KPLRK7FR03	R	030RW03 K7PG0GY	M	031TF			02510058		00537	-305		B JS	
SUSAP KPLRK7FR03	R	040HANURK7EA0EYM	L010DF					+	04000			B JS	
SUSAP KPLRK7FR03	R	050HANURK7EA0EE	R020HM				02510040	+	04000			B JS	

[illegible][illegible]

QUALITY
CHECKED

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

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
	HANDE	HANDE	010	IAF	IF		FB				
	HANDE	HANUR	020	IF	TF		FB	1.0	072.7 (070T)	009.8	04000
	HANUR	HANUR	010	IAF	HF	R	FO		025.1 (022T)	005.0	04000
		HANUR	010	FACF	IF		FB				04000
		CEKLA	020	FAF	TF		FB	0.5	025.1 (022T)	006.1	02400
		RW03	030	MAP	TF		FO	0.3	025.1 (022T)	005.8	00537

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HANUR	040		DF	L	FO	1.0			04000
	HANUR	050		HM	R	FO	2.0	025.1 (022T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEKLA	N332748.97	W0861742.96	N3327.816	W08617.716
	HANDE	N331844.40	W0863124.44	N3318.740	W08631.407
	HANUR	N332207.54	W0862027.97	N3322.126	W08620.466
	RW03	N333309.37	W0861507.44	N3333.156	W08615.124

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00483	53

QUALITY
CHECKED

CITY AND STATE PELL CITY, AL	ELEVATION: 485 TDZE: 483 AIRPORT NAME: ST CLAIR COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 2
				AMDT: 1
				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												
STAMP (IAF)	TADUW (FB)	158.42 / 9.46	3500	LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 4000 DIRECT HANUR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 025.05 INBOUND. CHART FAS OBST: 739 TREE 333540N/0861401W CHART FAS OBST: 579 TREE 333403N/0861459W CHART R-2101. CHART R-2102 A,B,C. DISTANCE TO THLD FROM 284 HAT: 0.79 NM. CHART VDP AT 1.46 MILES TO RW21* *LNAV ONLY. WAAS CHANNEL # 78304 REFERENCE PATH ID: W21A											
TADUW (IF)	EFBUB (FB)	205.16 / 6.25	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 TADUW 3. FAC: <u>205.14</u> FAF: <u>EFBUB</u> DIST FAF TO MAP: <u>4.54</u> THLD: <u>4.54</u> 4. MIN. ALT: <u>TADUW 3500, EFBUB 2000, UTACE/2.90 NM TO RW21 1440*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>EFBUB 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>53.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW21 4000</u>				MAG VAR: 3W EPOCH YEAR: 2005											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/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	787	1	302	787	1	302	787	1	302	787	1	302			
LNAV/VNAV DA	945	1 1/2	460	945	1 1/2	460	945	1 1/2	460	945	1 1/2	460			
LNAV MDA	1000	1	515	1000	1	515	1000	1 1/2	515	1000	1 3/4	515			
CIRCLING	1180	1	695	1180	1	695	1180	2	695	1180	2 1/4	695			
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, USA ANNISTON ALTIMETER SETTING AND INCREASE SEE 8260-10															
CITY AND STATE		ELEVATION: 485 TDZE: 485		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:		SUP: RNAV (GPS) RWY 20		AMD'T: 1		DATED 08/30/2007			
PELL CITY, AL		AIRPORT NAME: ST CLAIR COUNTY				RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009									



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

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NOTES CONT.

LPV AND LNAV/VNAV DA 64 FT AND ALL MDA 80 FT. INCREASE LPV AND LNAV/VNAV ALL CATS, AND CIRCLING

CATS B/C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 47C (116F).

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



CITY AND STATE

PELL CITY, AL

ELEVATION: 485 TDZE: 485

AIRPORT NAME:

ST CLAIR COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY 20

AMDT: 1

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. 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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPLR
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	333354.7090N
LTP/FTP LONGITUDE	0861445.4035W
LTP/FTP ELLIPSOIDAL HEIGHT	+01180
FPAP LATITUDE	333232.0100N
FPAP LONGITUDE	0861525.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

CA272083

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01470
FPAP ORTHOMETRIC HEIGHT	+01470

QUALITY
6
CHECKED

CITY AND STATE PELL CITY, AL	ELEVATION: 485 TDZE: 485 AIRPORT NAME: ST CLAIR COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 20
				AMDT: 1
				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
1
CHECK

CITY AND STATE PELL CITY, AL	ELEVATION: 485 TDZE: 485 AIRPORT NAME: ST CLAIR COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 20
				AMDT: 1
				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]

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
	STAMP	STAMP	010	IAF	IF		FB				
	STAMP	TADUW	020	IF	TF		FB	1.0	158.4 (155T)	009.5	03500
		TADUW	010	FACF	IF		FB				03500
		EFBUB	020	PAF	TF		FB	0.5	205.2 (202T)	006.3	02000
		UTACE	021	SDF	TF		FB	0.3	205.1 (202T)	001.6	0144001467
		RW21	030	MAP	TF		FO	0.3	205.1 (202T)	002.9	00535

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HANUR	040		DF		FO	1.0			04000
	HANUR	050		HM	R	FO	2.0	025.1 (022T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EFBUB	N333807.61	W0861242.50	N3338.127	W08612.708
	HANUR	N332207.54	W0862027.97	N3322.126	W08620.466
	STAMP	N335232.94	W0861436.33	N3352.549	W08614.606
	TADUW	N334355.47	W0860953.10	N3343.925	W08609.885
	UTACE	N333636.19	W0861326.95	N3336.603	W08613.449
	RW21	N333354.71	W0861445.40	N3333.912	W08614.757

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00482	53

QUALITY
CHECKED

CITY AND STATE PELL CITY, AL	ELEVATION: 485 TDZE: 485	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP. RNAV (GPS) RWY 20
	AMDT:			1
	DATED:			08/30/2007
AIRPORT NAME: ST CLAIR COUNTY				

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, STANDARD.

RWY 21, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 312 FT PER NM TO 800.

(2) DEPARTURE PROCEDURE:

RWY 21, CLIMB HEADING 205.12 TO 1000 BEFORE TURNING EAST.

(3) TAKEOFF OBSTACLE NOTES:NOTE: RWY 3, MULTIPLE TREES BEGINNING 60' FROM DER, 311' LEFT OF CENTERLINE, UP TO 100' AGL/567' MSL. MULTIPLE TREES BEGINNING 221' FROM DER, 34' RIGHT OF CENTERLINE, UP TO 100' AGL/572' MSL. WINDSOCK 221' FROM DER, 549' RIGHT OF CENTERLINE, 9' AGL/505' MSL.

NOTE: RWY 21, MULTIPLE TREES BEGINNING 328' FROM DER, 260' LEFT CENTERLINE, UP TO 100' AGL/679' MSL. MULTIPLE TREES BEGINNING 498' FROM DER, 193' RIGHT CENTERLINE, UP TO 100' AGL/592' MSL. MULTIPLE POLES BEGINNING 230' FROM DER, 473' LEFT CENTERLINE, UP TO 25' AGL/544' MSL. VEHICLE ON ROAD 103' FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 15' AGL/502' MSL. BUILDING 1029' FROM DER, 516 LEFT OF CENTERLINE, 13' AGL/532' MSL.

(4) CONTROLLING OBSTACLES:

RWY 21: 879 MSL TREE 333214.56N / 0861455.37W, 679 MSL TREE 333220.06N / 0861521.60W.

(5) City, State

PELL CITY, AL

(6) Airport

ST CLAIR COUNTY

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

2

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.

QUALITY
2
CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE: USE NOGALES DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:



(5) City, State NOGALES, ARIZONA	(6) Airport NOGALES INTL	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: CIC 1.13 DME FIX CLIMB TO 3600 VIA CIC VOR/DME R-133 TO UNJED/CIC 11.40 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 312.55 INBOUND. CHART FAS OBST: 324 TREE 394849N/1215222W CHART 3600 PRIOR TO NORDE IN PROFILE. CHART RBL/11.75 DME AT ZOTWY
UNJED/CIC 11.40 DME	CIC VOR/DME	312.55 / 11.40	3600	
CIC VOR/DME	NORDE/CIC 8.52 DME	309.94 / 8.52	3600	
RBL VORTAC (IAF)	ZOTWY/CIC 14.61 DME (NOPT)	104.63 / 11.75	3000	
ZOTWY/CIC 14.61 DME (IF)	NORDE/CIC 8.52 DME	131.42 / 6.09 (I-CIC)	2700	

- PT L SIDE OF COURSE 311.42 OUTBOUND 3100 FT WITHIN 10 MILES OF NORDE (IAF)
-
- FAC: 131.42 FAF: NORDE/CIC 8.52 DME DIST FAF TO MAP: THLD: 7.41
- MIN. ALT: NORDE 2700, CUBUN/CIC 3.61 DME 1080*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 1106
- MIN GS INCPT: 2700 GS ALT AT: NORDE/CIC 8.52 DME 2700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 51.6
- MSA FROM: CIC VOR/DME 130-310 2600, 310-130 8300

MAG VAR: 16E

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 13L	440	1/2	200	440	1/2	200	440	1/2	200	440	1/2	200			
S-LOC 13L	580	1/2	340	580	1/2	340	580	1/2	340	580	3/4	340			
CIRCLING	640	1	400	700	1	460	700	1 1/2	460	800	2	560			

NOTES:
CHART NOTE: CIRCLING NA EAST OF RWY 13L/31R.
CHART NOTE: DME FROM CIC VOR/DME. SIMULTANEOUS RECEPTION OF I-CIC AND CIC DME REQUIRED.
CHART PLANVIEW NOTE: DME REQUIRED.

*LOC ONLY

SEE 8260-10

CITY AND STATE	ELEVATION: 240 TDZE: 240	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICO, CA	AIRPORT NAME:	I-CIC	ILS OR LOC/DME RWY 13L, AMDT 12	AMDT: 11
	CHICO MUNI		17 DEC 2009	DATED 07/02/2009

QUALITY

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RED BLUFF MUNI ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FEET. INCREASE S-LOC 13L CAT C AND D VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVALS AT RED BLUFF VORTAC AIRWAY RADIALS 122 CW 161.

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

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING RED BLUFF MUNI ALTIMETER SETTING, INCREASE S-ILS 13L ALL CATS VISIBILITY 1/2 MILE.

CITY AND STATE

CHICO, CA

ELEVATION: 240

TDZE: 240

AIRPORT NAME:

CHICO MUNI

FACILITY
IDENTIFIER:

I-CIC

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 13L, AMDT 12

17 DEC 2009

SUP:

AMDT:

11

DATED:

07/02/2009

QUALITY
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.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.30 MILES AFTER HADIN LOM CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 220 AND DQO VORTAC R-271 TO ELUDE/DQO 9.17 DME AND HOLD (NON-DME AIRCRAFT CLIMB TO 900, THEN CLIMBING LEFT TURN TO 2000 DIRECT HADIN LOM AND HOLD). ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.65 INBOUND. CHART FAS OBST: 120 TREE 393955N/0753626W CHART 280 T-L TWR 393641N/0753618W. CHART: (KAKTE) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE CHART: ARPT ELEV 80, TDZE 76											
OOD VORTAC	HADIN LOM	267.26 / 14.79	2000												
ODESA INT	HADIN LOM	071.73 / 11.34	2000												
BAINS INT	HADIN LOM	113.96 / 14.35	2000												
BLARE INT (IAF)	ZEMAR INT (NOPT)	300.00 / 3.85 (HDG) & 015.07 / 2.29 (I-ILG)	1900												
ZEMAR INT (IF)	HADIN LOM	015.07 / 6.52 (I-ILG)	1900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S HADIN LOM, LT, 015.07 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 015.07 FAF: HADIN LOM DIST FAF TO MAP: 5.30 THLD: 5.30 4. MIN. ALT: HADIN LOM 1900, CASTL INT 580* 5. DIST TO THLD FROM OM: 5.30 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000 6. MIN GS INCPT: 1900 GS ALT AT: GS INTCP OM: 1842 MM: - IM: - 7. GS ANGLE: 3.00 TCH: 52.4 8. MSA FROM: IL LOM 090-270 1800, 270-090 2200				MAG VAR: 10W EPOCH YEAR: 1980											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #	LOC: STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1	326	5000	250	326	5000	250	326	5000	250	326	5000	250			
S-LOC 1	580	5000	504	580	5000	504	580	5000	504	580	5000	504			
CIRCLING	580	1	500	580	1	500	600	1 1/2	520	640	2	560			
CASTL FIX MINIMUMS															
S-LOC 1	400	5000	324	400	5000	324	400	5000	324	400	5000	324			
CIRCLING	540	1	460	540	1	460	600	1 1/2	520	640	2	560			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 1 ALL CATS AND S-LOC 1 CATS A AND B. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LOC ONLY *640 WHEN USING PHILADELPHIA INTL ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE WILMINGTON, DE				ELEVATION: 80 TDZE: 76 AIRPORT NAME: NEW CASTLE		FACILITY IDENTIFIER: I-ILG		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 1, AMDT 22 17 DEC 2009				SUP: AMDT: 21A DATED 07/07/2008			

 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 NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING:

INCREASE DA TO 380, ALL MDA 60 FT; S-LOC 1 CAT D VISIBILITY TO RVR 6000; CASTL FIX MINIMUMS,

INCREASE S-LOC 1 CAT D VISIBILITY 1/4 MILE.

CHART NOTE: CASTL FIX MINIMUMS: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 1.

CHART NOTE: DME OR ADF REQUIRED.



CITY AND STATE

WILMINGTON, DE

ELEVATION: 80

TDZE: 76

AIRPORT NAME:

NEW CASTLE

FACILITY
IDENTIFIER:

I-ILG

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 1, AMDT 22

17 DEC 2009

SUP:

AMDT:

21A

DATED:

07/07/2008

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 430 FEET PER NM TO 500.

RWY 10, 23, 28 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 219' FROM DER, 84' LEFT OF CENTERLINE, UP TO 100' AGL/284' MSL. TREES BEGINNING 1007' FROM DER, 298' RIGHT OF CENTERLINE, UP TO 100' AGL/289' MSL. BUILDING 327' FROM DER, 431' RIGHT OF CENTERLINE, 21' AGL/182' MSL.

NOTE: RWY 10, BUILDINGS BEGINNING 293' FROM DER, 251' LEFT OF CENTERLINE, UP TO 30' AGL/285' MSL. LINE OF TREES BEGINNING 298' FROM DER, 149' RIGHT TO 229' LEFT OF CENTERLINE, UP TO 100' AGL/269' MSL. (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 5: 330 MSL TOWER 273618.01N-0813050.60W

(5) City, State

AVON PARK, FL

(6) Airport

AVON PARK EXECUTIVE

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

1

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

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

TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 23, TREES BEGINNING 52' FROM DER, 118' RIGHT OF CENTERLINE, UP TO 26' AGL/186' MSL. TREES BEGINNING 23' FROM DER, 93' LEFT OF CENTERLINE,
UP 38' AGL/198' MSL. POWERLINES BEGINNING 2691' FROM DER, 1019' LEFT TO 2034' RIGHT OF CENTERLINE, UP TO 79' AGL/235' MSL.

NOTE: RWY 28, NUMEROUS TREES BEGINNING 371' FROM DER, 218' RIGHT OF CENTERLINE, UP TO 100' AGL/259' MSL. BUILDINGS AND LIGHT POLES BEGINNING
1491' FROM DER, 187' LEFT OF CENTERLINE, UP TO 40' AGL/194' MSL. POWER PYLONS BEGINNING 2082' FROM DER, 935' LEFT TO 252' RIGHT OF
CENTERLINE, UP TO 79' AGL/233' MSL.

City, State AVON PARK		Airport AVON PARK EXECUTIVE			Effective Date 17 DEC 2009	Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective 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:

17 DEC 2009

PROCEDURE CANCELED EFFECTIVE _____

 QUAL
 6
 CHECKED

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 4	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 17, ORIG-A, 11/20/2008	SUP
	AMDT			ORIG-A
	DATE			05/08/1998

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: _____																																																																																																					
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF:</td> <td>STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> <td colspan="6"></td> </tr> <tr> <td>CATEGORY >>>>></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																	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																																																
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: 17 DEC 2009 PROCEDURE CANCELED EFFECTIVE _____																																																																																																															
CITY AND STATE MARCO ISLAND, FL			ELEVATION: 5 TDZE: 5 AIRPORT NAME: MARCO ISLAND			FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 35, ORIG-A, 07/03/2008				SUP AMDT DATE 11/4/1999																																																																																																			

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 2000 DIRECT ONSAW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 350.72 INBOUND. CHART FAS OBST: 57 ANT 260006N/0814031W CHART FAS OBST: 109 TREE 260155N/0814028W DISTANCE TO THLD FROM 295 HAT: 0.74 NM. CHART VDP AT 1.65 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 93516 REFERENCE PATH ID: W17A							
DEEDS		AVCOF (FO)		297.34 / 28.59		2100									
AVCOF (IF/IAF)		EJAMO (FB)		170.68 / 6.10		1500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N AVCOF, RT, 170.68 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>170.69</u> FAF: <u>EJAMO</u> DIST FAF TO MAP: <u>4.45</u> THLD: <u>4.45</u> 4. MIN. ALT: <u>AVCOF 2000, EJAMO 1500, AYWEN/2.40 NM TO RW17 820*</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>EJAMO</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>60.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW17 2300</u>								MAG VAR: 3W EPOCH YEAR: 1995							
MINIMUMS															
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A	☒ X							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	300	1	295	300	1	295	300	1	295	300	1	295			
LNAV/VNAV DA	458	1 1/2	453	458	1 1/2	453	458	1 1/2	453	458	1 1/2	453			
LNAV MDA	560	1	555	560	1	555	560	1 1/2	555	560	1 3/4	555			
CIRCLING	620	1	615	620	1	615	620	1 3/4	615	620	2	615			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DEEDS VIA V35 SOUTHEAST BOUND. SEE 8260-10															
CITY AND STATE		ELEVATION: 5 TDZE: 5		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MARCO ISLAND, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17, ORIG				AMDT: NONE					
		MARCO ISLAND				17 DEC 2009				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 RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NAPLES ALTIMETER SETTING AND INCREASE ALL DA 26 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

QUALITY
CHECKED

CITY AND STATE

MARCO ISLAND, FL

ELEVATION: 5 TDZE: 5

AIRPORT NAME:

MARCO ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKY
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	260006.3345N
LTP/FTP LONGITUDE	0814026.9395W
LTP/FTP ELLIPSOIDAL HEIGHT	-00220
FPAP LATITUDE	255839.0100N
FPAP LONGITUDE	0814005.8600W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	7A3E45BD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00014
FPAP ORTHOMETRIC HEIGHT	+00014

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 5 AIRPORT NAME: MARCO ISLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
2
CHECKED

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

[illegible]

QUALITY
1
CHECKED

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 5 AIRPORT NAME: MARCO ISLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DEEDS	DEEDS	010		IF		FB				
	DEEDS	AVCOF	020		TF		FO	2.0	297.3(294T)	028.6	02100
	DEEDS	AVCOF	030	IAF	HF	R	FO		170.7(168T)	004.0	02000
		AVCOF	010	FACF	IF		FB				02000
		EJAMO	020	PAF	TF		FB	0.5	170.7(168T)	006.1	01500
		AYWEN	021	SDF	TF		FB	0.3	170.7(168T)	002.1	0082000835
		RW17	030	MAP	TF		FO	0.3	170.7(168T)	002.4	00065

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/PB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ONSAW	040		DF		FO	1.0			02000
	ONSAW	050		HM	R	FO	2.0	350.7(348T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVCOF	N261026.62	W0814256.83	N2610.444	W08142.947
	AYWEN	N260227.44	W0814101.00	N2602.457	W08141.017
	DEEDS	N255840.31	W0811359.60	N2558.672	W08113.993
	EJAMO	N260428.13	W0814130.15	N2604.469	W08141.503
	ONSAW	N254854.07	W0813744.99	N2548.901	W08137.750
	RW17	N260006.33	W0814026.94	N2600.106	W08140.449

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00005	60

QUALITY
1
CHECKED

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 5	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: MARCO ISLAND			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: RW35 CLIMB TO 3000 DIRECT AVCOF AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 170.68 INBOUND. CHART FAS OBST: 109 TREE 255521N/0813900W CHART FAS OBST: 52 TREE 255904N/0814013W DISTANCE TO THLD FROM 281 HAT: 0.76 NM. CHART VDP AT 1.52 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 53316 REFERENCE PATH ID: W35A											
DEEDS	TAGJO (FB)	245.38 / 18.68	2000												
TAGJO (IAF)	ONSAW (NOPT) (FB)	260.76 / 5.00	2000												
COPGI (IAF)	ONSAW (NOPT) (FB)	080.68 / 5.00	2000												
ONSAW (IF/IAF)	PARYE (FB)	350.72 / 6.10	1500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S ONSAW, RT, 350.72 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>350.71</u> FAF: <u>PARYE</u> DIST FAF TO MAP: <u>4.51</u> THLD: <u>4.51</u> 4. MIN. ALT: ONSAW 2000, PARYE 1500 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>PARYE</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: RW35 2300				MAG VAR: 3W EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	X									
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	286	1	281	286	1	281	286	1	281	286	1	281			
LNAV/VNAV DA	394	1 1/2	389	394	1 1/2	389	394	1 1/2	389	394	1 1/2	389			
LNAV MDA	520	1	515	520	1	515	520	1 1/2	515	520	1 3/4	515			
CIRCLING	620	1	615	620	1	615	620	1 3/4	615	620	2	615			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DEEDS VIA V601 NORTHBOUND. SEE 8260-10															
CITY AND STATE		ELEVATION: 5 TDZE: 5		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MARCO ISLAND, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35, ORIG				AMDT: NONE					
		MARCO ISLAND				17 DEC 2009				DATED					

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

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NOTES CONT.**CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: VDP AND BARO-VNAV NA WHEN USING NAPLES ALTIMETER SETTING.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NAPLES ALTIMETER SETTING AND INCREASE****ALL DA 26 FEET AND ALL MDA 40 FEET.**

QUALITY
2
CHECKED

CITY AND STATE

MARCO ISLAND, FL

ELEVATION: 5

TDZE: 5

AIRPORT NAME:

MARCO ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KMKY
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	255917.9540N
LTP/FTP LONGITUDE	0814015.2715W
LTP/FTP ELLIPSOIDAL HEIGHT	-00219
FPAP LATITUDE	260045.2600N
FPAP LONGITUDE	0814036.3400W
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 3EE160A8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00014
FPAP ORTHOMETRIC HEIGHT	+00014

QUALITY
2
CHECKED

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 5 AIRPORT NAME: MARCO ISLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMKYK7FR35	ACOPGI	010COPGIK7EA0E	A	IF					18000		A	JS
SUSAP	KMKYK7FR35	ACOPGI	020ONSAWK7EA0EE	B	010TF		08070050	+	02000			A	JS
SUSAP	KMKYK7FR35	ADEEDS	010DEEDSK7EA0E		IF					18000		A	JS
SUSAP	KMKYK7FR35	ADEEDS	020TAGJOK7EA0E	A	020TF		24540187	+	02000			A	JS
SUSAP	KMKYK7FR35	ADEEDS	030ONSAWK7EA0EE	B	010TF		26080050	+	02000			A	JS
SUSAP	KMKYK7FR35	AONSAW	010ONSAWK7EA0EE	AR	HF		35070040	+	02000	18000		A	JS
SUSAP	KMKYK7FR35	R	010ONSAWK7EA0E	I	IF			+	02000	18000		A	JS
SUSAP	KMKYK7FR35	R	020PARYEK7EA1E	F	051TF		35070061	+	01500		RW35	K7PGA	JS
SUSAP	KMKYK7FR35	R	020PARYEK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KMKYK7FR35	R	030RW35	K7PG0GY	M	031TF		35070045	00045	-300		A	JS
SUSAP	KMKYK7FR35	R	040AVCOFK7EA0EYM		010DF				+	03000		A	JS
SUSAP	KMKYK7FR35	R	050AVCOFK7EA0EE		R020HM		17070040	+	03000			A	JS

[illegible]

QUALITY
CHECKED

CITY AND STATE MARCO ISLAND, FL	ELEVATION: 5 TDZE: 5 AIRPORT NAME: MARCO ISLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

QUALITY
CHECKED

Page 5 of 6

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
	COPGI	COPGI	010	IAF	IF		FB				
	COPGI	ONSAW	020	IF	TF		FB	1.0	080.7(078T)	005.0	02000
	DEEDS	DEEDS	010		IF		FB				
	DEEDS	TAGJO	020	IAF	TF		FB	2.0	245.4(242T)	018.7	02000
	DEEDS	ONSAW	030	IF	TF		FB	1.0	260.8(258T)	005.0	02000
	ONSAW	ONSAW	010	IAF	HF	R	FO		350.7(348T)	004.0	02000
		ONSAW	010	FACF	IF		FB				02000
		PARYE	020	FAF	TF		FB	0.5	350.7(348T)	006.1	01500
		RW35	030	MAP	TF		FO	0.3	350.7(348T)	004.5	00045

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AVCOF	040		DF		FO	1.0			03000
	AVCOF	050		HM	R	FO	2.0	170.7(168T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVCOF	N261026.62	W0814256.83	N2610.444	W08142.947
	COPGI	N254749.97	W0814309.78	N2547.833	W08143.163
	DEEDS	N255840.31	W0811359.60	N2558.672	W08113.993
	ONSAW	N254854.07	W0813744.99	N2548.901	W08137.750
	PARYE	N255452.57	W0813911.29	N2554.876	W08139.188
	TAGJO	N254957.97	W0813220.10	N2549.966	W08132.335
	RW35	N255917.95	W0814015.27	N2559.299	W08140.255

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00005	40

QUALITY
CHECKED

CITY AND STATE
MARCO ISLAND, FL

ELEVATION: 5 TDZE: 5
AIRPORT NAME:
MARCO ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
17 DEC 2009

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

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 35 - CLIMB HEADING 005.00 TO 700 BEFORE TURNING WEST.

**CAUTION: STROBELIGHT AND UNMARKED BALLOON ON CABLE TO 14000' IN R-2916, 78 NM SOUTH OF MARCO ISLAND.
ALL AIRCRAFT SHOULD ESTABLISH POSITIVE COURSE GUIDANCE TO ENSURE AVOIDANCE OF THIS OBSTACLE.**

(3) TAKEOFF OBSTACLE NOTES:

**NOTE: RWY 17, TREES BEGINNING 79' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 48' AGL/52' MSL.
WIND SOCK 76' FROM DER, 310' RIGHT OF CENTERLINE, 21' AGL/25' MSL.**

NOTE: RWY 35, ANTENNA 11' FROM DER, 384' LEFT OF CENTERLINE, 53' AGL/57' MSL.

SIGN 16' FROM DER, 255' LEFT OF CENTERLINE, 5' AGL/9' MSL.

TREES BEGINNING 64' FROM DER, LEFT AND RIGHT OF CENTERLINE UP TO 51'AGL/55'MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 531 MSL TOWER 260311.32N/0814210.40W.



(5) City, State MARCO ISLAND, FL	(6) Airport MARCO ISLAND	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DHP VORTAC	JULED (FO)	245.03 / 18.07	2000	LPV: DA LNAV/VNAV: DA LNAV: RW09L CLIMB TO 2000 DIRECT HOTMA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 273.42 INBOUND. CHART FAS OBST: 64 OL ON TOWER 253914N/0802629W CHART FAS OBST: 98 TREE 253922N/0802613W CHART 160 TOWER 253850N/0803019W. DISTANCE TO THLD FROM 250 HAT: 0.63 NM. WAAS CHANNEL # 99415 REFERENCE PATH ID: W09B CHART A-291D
VKZ VOR/DME	JULED (FO)	262.21 / 26.82	2100	
FOGSO	JULED (FO)	087.42 / 5.59	2300	
JULED (IF/IAF)	HASDU (FB)	093.23 / 6.10	1500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W JULED, LT, 093.23 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 093.27 FAF: HASDU DIST FAF TO MAP: 4.47 THLD: 4.47
- MIN. ALT: JULED 2000, HASDU 1500, JOGNO/1.40 NM TO RW09L 500*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1500 GS ALT AT: HASDU OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
- MSA FROM: RW09L 2900

MAG VAR: 6W

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	258	3/4	250	258	3/4	250	258	3/4	250	258	3/4	250				
LNAV/VNAV DA	364	1 1/4	356	364	1 1/4	356	364	1 1/4	356	364	1 1/4	356				
LNAV MDA	380	1	372	380	1	372	380	1	372	380	1 1/4	372				
CIRCLING	460	1	452	460	1	452	460	1 1/2	452	640	2	632				

NOTES:
 CHART NOTE: CIRCLING TO RWY 13 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING MIAMI INTL ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
 CHART NOTE: DME/DME RNP-0.3 NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
6
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8 TDZE: 8 AIRPORT NAME: KENDALL-TAMIAI EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9L, ORIG-A 17 DEC 2009	SUP: AMDT: ORIG DATED 10/22/2009

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

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NOTES CONT.

*RNAV ONLY

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DHP VORTAC AIRWAY RADIALS 195 CW 303.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIAMI INTL ALTIMETER SETTING AND INCREASE ALL DA 27 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, RNAV CAT C VISIBILITY 1/4 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.



CITY AND STATE MIAMI, FL	ELEVATION: 8 TDZE: 8	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9L, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: KENDALL-TAMiami EXECUTIVE			AMDT: ORIG
	DATED: 10/22/2009			

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 KTMB
RUNWAY RW09L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09B
LTP/FTP LATITUDE 253909.4870N
LTP/FTP LONGITUDE 0802624.3025W
LTP/FTP ELLIPSOIDAL HEIGHT -00224
FPAP LATITUDE 253913.6800N
FPAP LONGITUDE 0802445.8000W
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 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

9969A465

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00024
FPAP ORTHOMETRIC HEIGHT +00024

QUALITY
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8 TDZE: 8 AIRPORT NAME: KENDALL-TAMiami EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9L, ORIG-A 17 DEC 2009	SUP:
				AMDT: ORIG
				DATED: 10/22/2009

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]

CITY AND STATE MIAMI, FL	ELEVATION: 8 TDZE: 8 AIRPORT NAME: KENDALL-TAMiami EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9L, ORIG-A 17 DEC 2009	SUP:
				AMDT: ORIG
				DATED: 10/22/2009

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.

27340040 + 02000

A JS

SUSAP KTMBK7GRW09L 0050020933 N25390949W080262430+0000 -0022400008000050150E

SUSAP KTMK7FR09L RW09L001 0000W09B0N2539094870W080262430Z5-002240300N2539136800W08024458000106751224000500F4005009969A465

SUSAP KTMBK7PR09L RW09L002E +00024+00024LPV 99415

SUSAP KTMBK7SRW09LK7PG 0 18018002925

M

SUP:	
AMDT:	ORIG
DATED:	10/22/2009

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	DHP	DHP	010		IF		FB				
	DHP	JULED	020		TF		FO	2.0	245.0(239T)	018.1	02000
	DHP	JULED	030	IAF	HF	L	FO		093.2(087T)	004.0	02000
	FOGSO	FOGSO	010		IF		FB				
	FOGSO	JULED	020		TF		FO	2.0	087.4(081T)	005.6	02300
	FOGSO	JULED	030	IAF	HF	L	FO		093.2(087T)	004.0	02000
	VKZ	VKZ	010		IF		FB				
	VKZ	JULED	020		TF		FO	2.0	262.2(256T)	026.8	02100
	VKZ	JULED	030	IAF	HF	L	FO		093.2(087T)	004.0	02000
		JULED	010	FACF	IF		FB				02000
		HASDU	020	FAF	TF		FB	0.5	093.2(087T)	006.1	01500
		JOGNO	021	SDF	TF		FB	0.3	093.3(087T)	003.1	0050000505
		RW09L	030	MAP	TF		FO	0.3	093.3(087T)	001.4	00058

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	093.3(087T)		00258
	HOTMA	050		DF		FO	1.0			02000
	HOTMA	060		HM	R	FO	2.0	273.4(267T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DHP	N254759.86	W0802056.53	N2547.998	W08020.942
	VKZ	N254506.84	W0800915.99	N2545.114	W08009.267
	FOGSO	N253749.12	W0804412.13	N2537.819	W08044.202
	HASDU	N253856.77	W0803120.98	N2538.946	W08031.350
	HOTMA	N253945.25	W0801207.08	N2539.754	W08012.118
	JOGNO	N253905.53	W0802757.16	N2539.092	W08027.953
	JULED	N253839.17	W0803805.32	N2538.653	W08038.089
	RW09L	N253909.49	W0802624.30	N2539.158	W08026.405

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW09L	00008	50

QUALITY
6
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8 TDZE: 8	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9L, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: KENDALL-TAMiami EXECUTIVE			AMDT: ORIG
				DATED: 10/22/2009

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 14, 23, 32 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 14 - Climb heading 137.22 to 600 before turning left.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, Trees beginning 92' from DER, left and right of centerline, up to 82' AGL/92' MSL. Tanks 1308' from DER, 293' left of centerline, up to 34' AGL/44' MSL.

NOTE: RWY 14, Trees beginning 97' from DER, left and right of centerline, up to 101' AGL/108' MSL.

NOTE: RWY 23, Trees beginning 126' from DER, left and right of centerline, up to 66' AGL/70' MSL.

NOTE: RWY 32, Trees beginning 339' from DER, left and right of centerline, up to 119' AGL/123' MSL.

(4) CONTROLLING OBSTACLES:

RWY 14: 460 MSL TOWER 260734.00N/0814316.00W.

QUALITY
6
CHECKED

(5) City, State NAPLES, FL	(6) Airport NAPLES MUNI	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 2

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA			
SIGNL (IAF)(40E)(43A)	ZEBAM (TF)(FB)(RNP 1.00)(40E)	309.64/30.48	2000	CLIMB TO 2000 VIA TRACK 184.80 TO EMBRU AND HOLD.			
RINSE (IAF)(40E)(43A)	DOLKE (TF)(FB)(RNP 1.00)(40E)	350.46/11.37	2000				
ZEBAM (40E)	DOLKE (RF)(FB)(RNP 1.00)(40E)	(7.00 NM RADIUS CW JAKDU)5.01	2000	ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.80 INBOUND CHART FAS OBST: 154 TREE 272835N/0812028W DISTANCE TO THLD FROM 375 HAT: 1.06 ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S #TCH 100.5 (DO NOT CHART) CHART R-2901A/B/F/G/H/I			
DOLKE (40E)	LICIC (RF)(FB)(RNP 1.00)(40E) (41E)	(7.00 NM RADIUS CW JAKDU)13.05	2000				
HALLR (IAF)(40E)(43A)	LICIC (TF)(FB)(RNP 1.00)(40E) (41E)	101.79/4.56	2000				
LICIC (IF)(40E)(43I)	CETOS (TF)(FB)(RNP 0.50)(40E) (43F)	097.24/7.00	1800				
CETOS (FAF)(40E)(43F)	SEAMO (RF)(FB)(40E)	(2.20 NM RADIUS CW PITLEY)3.36					
(CONTINUED ON PAGE 2)							

1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT LICIC	
3. FAC: <u>*</u> FAF: <u>*SEE TERMINAL ROUTES FROM CETOS</u> DIST FAF TO MAP: <u> </u> THLD: <u> </u>	
4. MIN. ALT: <u>LICIC 2000</u>	
5. DIST TO THLD FROM OM: <u>5.26</u> MM: <u> </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>CETOS 1800, SEAMO 709</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>41.9#</u> 34:1 IS NOT CLEAR	
8. MSA FROM: <u>RW18 1900</u>	

MINIMUMS																
TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	☒										
CATEGORY =====>	A			B			C			D			E			
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	437	1 1/4	375	437	1 1/4	375	437	1 1/4	375	437	1 1/4	375			

NOTES: CHART NOTES: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 18C (65F) OR ABOVE 48C (119F). GPS AND RF REQUIRED. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HALLR ABOVE 6000 ON V511 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE AT HALLR, RINSE, AND SIGNL: (RNP 0.50).

CITY AND STATE SEBRING, FL	ELEVATION: 62 TDZE: 62	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) RWY 18, ORIG	SUP: <u> </u>
	AIRPORT NAME: SEBRING RGNL			AMDT: NONE
	DATE			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES 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 (CONT)
FROM

TO

COURSE AND DISTANCE

ALTITUDE

SEAMO (40E)

RW18 (TF)(FO)(40G)(41Y)(43M)

184.80/1.90

RW18 (MAP)(40G)(41Y)(43M)

EMBRU (TF)(FO)(RNP 1.00)(40E)
(41Y)(42M)

184.80/11.92

2000

CITY AND STATE

SEBRING, FL

ELEVATION:

62 TDZE:

62

AIRPORT NAME:

SEBRING RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) RWY 18, ORIG

SUP:

AMDT:

NONE

DATED:

QUALITY
CHECKED

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SIGNL	SIGNL	010	IAF	IF		FB				
	SIGNL	ZEBAM	020		TF		FB	1.0	309.6(305T)	030.5	02000
	SIGNL	DOLKE	030		RF	R	FB	1.0		005.0	02000
	SIGNL	LICIC	040		RF	R	FB	1.0		013.1	02000
	RINSE	RINSE	010	IAF	IF		FB				
	RINSE	DOLKE	020		TF		FB	1.0	350.5(346T)	011.4	02000
	RINSE	LICIC	030		RF	R	FB	1.0		013.1	02000
	HALLR	HALLR	010		TF		FB				
	HALLR	LICIC	020		TF		FB	1.0	101.8(097T)	004.6	02000
		LICIC	010	FACF	IF		FB				
		CETOS	020	FAF	TF		FB	0.5	097.2(092T)	007.0	01800
		SEAMO	021		RF	R	FB	0.3		003.4	
		RW18	030		TF		FO	0.3	184.8(180T)	001.9	00101 MAN
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		EMBRU	040		TF		FO	1.0	184.8(180T)	011.9	02000
		EMBRU	050		HM	R	FO	2.0	004.8(360T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CETOS	N273151.58	W0812258.03	N2731.860	W08122.967
	DOLKE	N272321.31	W0813845.24	N2723.355	W08138.754
	EMBRU	N271548.20	W0812032.30	N2715.803	W08120.538
	HALLR	N273240.81	W0813555.77	N2732.680	W08135.930
	JAKDU	N272507.41	W0813108.56	N2725.124	W08131.143
	LICIC	N273208.26	W0813050.12	N2732.138	W08130.835
	PITLE	N272939.32	W0812303.98	N2729.655	W08123.066
	RINSE	N271218.85	W0813532.79	N2712.314	W08135.547
	SEAMO	N272939.81	W0812035.55	N2729.664	W08120.593
	SIGNL	N270200.40	W0810725.74	N2702.007	W08107.429
	ZEBAM	N271919.98	W0813535.23	N2719.333	W08135.587
	RW18	N272745.49	W0812035.10	N2727.758	W08120.585

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW18	00059 42

CITY AND STATE SERING, FL	ELEVATION: 62 TDZ E: 62 AIRPORT NAME: SERING RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: 17 DEC 2009 RNAV (RNP) RWY 18, ORIG	SUP:
				AMD'T: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PBI VORTAC	ZISUR/PBI VORTAC 6.96 DME/RADAR	276.87 / 6.96	2000	ILS: DA LOC: 5.97 MILES AFTER ZISUR/PBI VORTAC 6.96 DME/RADAR CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 VIA PBI VORTAC R-189 TO LANCH INT/PBI VORTAC 10.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 VIA FLL VOR/DME R-006 TO LANCH INT/FLL VOR/DME 26.39 DME AND HOLD S, RT, 005.59 INBOUND. ADDITIONAL FLIGHT DATA: HOLD S, RT, 008.62 INBOUND. DO NOT CHART ALTERNATE HOLDING AT LANCH. CHART FAS OBST: 126 TREE 264116N/0800742W CHART IN PLANVIEW: FLL VOR/DME R-006 AT LANCH. CHART: MAX 6000 AT ZISUR.

- PT R SIDE OF COURSE 278.78 OUTBOUND 2000 FT WITHIN 10 MILES OF ZISUR (IAF)
-
- FAC: 098.78 FAF: ZISUR/PBI VORTAC 6.96 DME/RADAR DIST FAF TO MAP: 5.97 THLD: 5.97
- MIN. ALT: ZISUR 2000, PASTE/PBI 2.29 DME 480*
- DIST TO THLD FROM OM: - MM: 0.59 IM: - 150 HAT: - 100 HAT: - GS ANT: 998
- MIN GS INCPT: 2000 GS ALT AT: ZISUR/PBI VORTAC 6.96 DME/RADAR CONT. OM: - MM: 256 IM: -
- GS ANGLE: 3.00 TCH: 47.9
- MSA FROM: PBI VORTAC 2600

MAG VAR: 6W

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		
	DH/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 10L	**219	2400	200	**219	2400	200	**219	2400	200	**219	2400	200			
S-LOC 10L	480	2400	461	480	2400	461	480	4000	461	480	5000	461			
CIRCLING	500	1	481	500	1	481	640	1 3/4	621	680	2	661			
PASTE FIX MINIMUMS															
S-LOC 10L	380	2400	361	380	2400	361	380	2400	361	380	4000	361			
CIRCLING	500	1	481	500	1	481	640	1 3/4	621	680	2	661			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
SEE 8260-10

CAT C, D 700-2



CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 19 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: I-PBI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10L, AMDT 25 17 DEC 2009	SUP: ILS OR LOC RWY 9L AMDT: 24B DATED 04/10/2008

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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LINE 6 GS ALT AT CONT. 2000

NOTES CONT.

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

QUALITY
6
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 19

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:

I-PBI

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 10L, AMDT 25

17 DEC 2009

SUP: ILS OR LOC RWY 9L

AMDT: 24B

DATED: 04/10/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.42 MILES AFTER RELTY/PBI 4.75 DME/RADAR OR AT PBI 0.36 DME FIX
PBI VORTAC	CUPED/PBI 10.75 DME/RADAR	095.08 / 10.75	3000	CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 VIA PBI VORTAC R-343 TO MORGAN INT/PBI 17.81 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 VIA HEADING 299 AND PHK VORTAC R-090 TO CASK/PHK 12.84 DME AND HOLD E, LT, 270.33 INBOUND. (DME REQUIRED).
CUPED/PBI 10.75 DME/RADAR (IF/IAF)	RELTY/PBI 4.75 DME/RADAR	278.79 / 6.01 (I-PWB)	1500	
				ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.24 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E CASK/PHK 12.84 DME, LT, 270.33 INBOUND. CHART FAS OBST: 200 SHIP 264042N/0795956W CHART IN PLANVIEW: CASK/PHK 12.84 DME.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E CUPED, RT, 278.79 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 278.79 FAF: RELTY/PBI 4.75 DME/RADAR DIST FAF TO MAP: 4.42 THLD: 4.42
- MIN. ALT: CUPED 3000, RELTY 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 1152
- MIN GS INCPT: 1500 GS ALT AT: RELTY/PBI 4.75 DME/RADAR 1500 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 58.1
- MSA FROM: PBI VORTAC 2600

MAG VAR: 6W

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 28R	218	4000	200	218	4000	200	218	4000	200	218	4000	200			
S-LOC 28R	460	5000	442	460	5000	442	460	6000	442	460	1 1/2	442			
CIRCLING	500	1	481	500	1	481	640	1 1/2	621	680	2	661			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CAT C, D 700-2

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: I-PWB	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 28R, AMDT 3 17 DEC 2009	SUP: ILS OR LOC RWY 28R AMDT: 2 DATED 02/14/2008

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
TERMINAL ROUTES				MISSED APPROACH		
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW10L CLIMB TO 2000 DIRECT JUTAS AND RIGHT TURN VIA TRACK 212.13 TO UGLEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 095.73 INBOUND. CHART FAS OBST: 172 TOWER 264036N/0800638W CHART FAS OBST: 229 TOWER 264118N/0801046W DISTANCE TO THLD FROM 275 HAT: 0.71 NM. CHART VDP AT 1.28 MILES TO RW10L * LNAV ONLY. WAAS CHANNEL # 97317 REFERENCE PATH ID: W10A		
PBI VORTAC	WILBA (FO)	279.37 / 12.96	2000			
YIGBO (IAF)	WILBA (NOPT) (FB)	144.87 / 10.56	2000			
ARKES (IAF)	WILBA (NOPT) (FB)	041.14 / 8.45	2000			
WILBA (IF/IAF)	ZISUR (FB)	098.68 / 6.00	2000			
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W WILBA, LT, 098.68 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>098.73</u> FAF: <u>ZISUR</u> DIST FAF TO MAP: <u>5.97</u> THLD: <u>5.97</u> 4. MIN. ALT: <u>WILBA 2000, ZISUR 2000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>ZISUR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>47.9</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW10L 2600</u>				MAG VAR: 6W EPOCH YEAR: 2010		
MINIMUMS						
TAKEOFF:	STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD		
CATEGORY =====>						
	A		B		C	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	294	2400	275	294	2400	275
LNAV/VNAV DA	422	5000	403	422	5000	403
LNAV MDA	480	2400	461	480	2400	461
CIRCLING	500	1	481	500	1	481
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.						
CITY AND STATE		ELEVATION: 19 TDZE: 19		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
WEST PALM BEACH, FL		AIRPORT NAME: PALM BEACH INTL				RNAV (GPS) Y RWY 10L, AMDT 2 17 DEC 2009
						SUP: RNAV (GPS) RWY 9L AMDT: 1 DATED 12/08/2006

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

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QUALITY
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 19

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 10L, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY
9L

AMDT: 1

DATED: 12/08/2006

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 INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPBI
RUNWAY	RW10L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	264058.9800N
LTP/FTP LONGITUDE	0800616.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00203
FPAP LATITUDE	264054.7400N
FPAP LONGITUDE	0800438.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00047.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	130.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7171C89F

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 19

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 10L, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY
9L

AMDT: 1

DATED: 12/08/2006

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 KPBIK7FR10LY AARKES 010ARKEGK7EA0E A IF										18000		A JS	
SUSAP KPBIK7FR10LY AARKES 020WILBAK7EA0EE B 010TF							04110085	+	02000			A JS	
SUSAP KPBIK7FR10LY APBI 010PBI K7D 0V IF										18000		A JS	
SUSAP KPBIK7FR10LY APBI 020WILBAK7EA0EY 020TF							27940130	+	02000			A JS	
SUSAP KPBIK7FR10LY APBI 030WILBAK7EA0EE AL HF							09870040	+	02000			A JS	
SUSAP KPBIK7FR10LY AYIGBO 010YIGBOK7EA0E A IF										18000		A JS	
SUSAP KPBIK7FR10LY AYIGBO 020WILBAK7EA0EE B 010TF							14490106	+	02000			A JS	
SUSAP KPBIK7FR10LY R 010WILBAK7EA0E I IF								+	02000	18000		A JS	
SUSAP KPBIK7FR10LY R 020ZISURK7EA1E F 051TF							09870060	+	02000		RW10L K7PGA	JS	
SUSAP KPBIK7FR10LY R 020ZISURK7EA2WALPV					ALNAV/VNAV	ALNAV						JS	
SUSAP KPBIK7FR10LY R 030RW10LK7PG0GY M 031TF							09870060		00067	-300		A JS	
SUSAP KPBIK7FR10LY R 040JUTASK7EA0E M 010DF												A JS	
SUSAP KPBIK7FR10LY R 050UGLEK7EA0EY R010TFY							2121	+	02000			A JS	
SUSAP KPBIK7FR10LY R 060UGLEK7EA0EE R020HM							09570040	+	02000			A JS	

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 19 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 10L, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 9L
				AMDT: 1
				DATED: 12/08/2006

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]

SUP:	RNAV (GPS) RWY 9L
AMDT:	1
DATED:	12/08/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ARKES	ARKES	010	IAF	IF		FB				
	ARKES	WILBA	020	IF	TF		FB	1.0	041.1 (035T)	008.5	02000
	PBI	PBI	010		IF		FB				
	PBI	WILBA	020	IAF	TF		FO	2.0	279.4 (273T)	013.0	02000
	PBI	WILBA	030		HF	L	FO		098.7 (093T)	004.0	02000
	YIGBO	YIGBO	010	IAF	IF		FB				
	YIGBO	WILBA	020	IF	TF		FB	1.0	144.9 (139T)	010.6	02000
		WILBA	010	FACF	IF		FB				02000
		ZISUR	020	FAF	TF		FB	0.5	098.7 (093T)	006.0	02000
		RW10L	030	MAP	TF		FO	0.3	098.7 (093T)	006.0	00067

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUTAS	040		DF		FB	1.0			
	UGLEE	050		TF	R	FO	1.0	212.1 (206T)		02000
	UGLEE	060		HM	R	FO	2.0	095.7 (090T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PBI	N264048.17	W0800511.40	N2640.803	W08005.190
	ARKES	N263437.73	W0802503.60	N2634.629	W08025.060
	JUTAS	N264040.45	W0795911.93	N2640.674	W07959.199
	UGLEE	N262803.69	W0800604.38	N2628.062	W08006.073
	WILBA	N264133.29	W0801937.89	N2641.555	W08019.632
	YIGBO	N264932.09	W0802723.11	N2649.535	W08027.385
	ZISUR	N264116.25	W0801256.42	N2641.271	W08012.940
	RW10L	N264058.98	W0800616.95	N2640.983	W08006.283

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW10L	00019		48

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19

TDZE: 19

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 10L, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY
9L

AMDT: 1

DATED: 12/08/2006

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: RW14 CLIMB TO 2000 DIRECT CUSIK AND VIA TRACK 203.05 TO LANCH AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 009.00 INBOUND. CHART FAS OBST: 125 TOWER 264137N/0800647W CHART FAS OBST: 457 TOWER 264427N/0800743W CHART 506 TOWER 264536N/0800839W. CHART R-2936. DISTANCE TO THLD FROM 276 HAT: 0.71 NM. CHART VDP AT 2.00 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 40018 REFERENCE PATH ID: W14A								
PBI VORTAC	JEMAL (FO)	320.35 / 11.67	2500									
JEMAL (IF/IAF)	RIBEE (FB)	141.12 / 6.06	1500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW JEMAL, LT, 141.12 INBOUND, 1500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>141.15</u> FAF: <u>RIBEE</u> DIST FAF TO MAP: <u>4.44</u> THLD: <u>4.44</u> 4. MIN. ALT: <u>JEMAL 1500, RIBEE 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>RIBEE 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW14 2600</u>				MAG VAR: 6W EPOCH YEAR: 2010								
MINIMUMS												
TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @								
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	293	1	276	293	1	276	293	1	276			
LNAV/VNAV DA	379	1 1/4	362	379	1 1/4	362	379	1 1/4	362			
LNAV MDA	720	1	703	720	1	703	720	2	703			
CIRCLING	720	1	701	720	1	701	720	2	701			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ CAT D 800-2 1/4 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PBI VORTAC AIRWAY RADIALS 273 CW 359.												
CITY AND STATE		ELEVATION: 19 TDZE: 17		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP: RNAV (GPS) RWY			
WEST PALM BEACH, FL		AIRPORT NAME:		RNAV		RNAV (GPS) Y RWY 14, AMDT 2			13			
		PALM BEACH INTL				17 DEC 2009			AMDT: 1A			
									DATED 09/07/2006			

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.

09/07/2006
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 17

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 14, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY 13

AMDT: 1A

DATED: 09/07/2006

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPBI
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W14A
LTP/FTP LATITUDE 264130.6000N
LTP/FTP LONGITUDE 0800614.4800W
LTP/FTP ELLIPSOIDAL HEIGHT -00210
FPAP LATITUDE 264027.2100N
FPAP LONGITUDE 0800504.3700W
THRESHOLD CROSSING HEIGHT (TCH) 00051.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0640
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

848CDE0E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00052
FPAP ORTHOMETRIC HEIGHT +00052

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 17

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 14, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY 13

AMDT: 1A

DATED: 09/07/2006

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]

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 17 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 14, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 13
				AMDT: 1A
				DATED: 09/07/2006

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.

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

9
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 17 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 14, AMDT 2 17 DEC 2009	SUP. RNAV (GPS) RWY 13
				AMDT: 1A
				DATED: 09/07/2006

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PBI	PBI	010		IF		FB				
	PBI	JEMAL	020	IAF	TF		FO	2.0	320.4 (314T)	011.7	02500
	PBI	JEMAL	030		HF	L	FO		141.1 (135T)	004.0	01500
		JEMAL	010	FACF	IF		FB				01500
		RIBEE	020	FAF	TF		FB	0.5	141.1 (135T)	006.1	01500
		RW14	030	MAP	TF		FO	0.3	141.2 (135T)	004.4	00068

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUSIK	040		DF		FB	1.0			
	LANCH	050		TF		FO	1.0	203.1 (197T)		02000
	LANCH	060		HM	R	FO	2.0	009.0 (003T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PBI	N264048.17	W0800511.40	N2640.803	W08005.190
	CUSIK	N263901.18	W0800329.27	N2639.020	W08003.488
	JEMAL	N264858.53	W0801430.84	N2648.976	W08014.514
	LANCH	N263049.33	W0800516.90	N2630.822	W08006.282
	RIBEE	N264440.14	W0800944.31	N2644.669	W08009.739
	RW14	N264130.60	W0800514.48	N2641.510	W08006.241

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00017	51

CHECKED
9
11/11

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 14, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 13
	AIRPORT NAME: PALM BEACH INTL			AMDT: 1A
				DATED: 09/07/2006

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.															
TERMINAL ROUTES												MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW28R CLIMB TO 2000 DIRECT JANTU AND VIA TRACK 006.41 TO MORGA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.00 INBOUND. CHART FAS OBST: 181 ANT ON OL BLDG 264131N/0800434W CHART FAS OBST: 200 SHIPPING 264044N/0800041W DISTANCE TO THLD FROM 338 HAT: 0.88 NM. CHART VDP AT 1.16 MILES TO RW28R* LNAV ONLY. WAAS CHANNEL # 45518 REFERENCE PATH ID: W28A									
PBI VORTAC		CUPED (FO)		098.08 / 10.75				3000											
CUPED (IF/IAF)		RELTY (FB)		278.87 / 6.01				1500											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E CUPED, RT, 278.87 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 278.83 FAF: RELTY _____ DIST FAF TO MAP: 4.42 THLD: 4.42 4. MIN. ALT: CUPED 3000, RELTY 1500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: RELTY 1500 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 58.1 34:1 IS CLEAR 8. MSA FROM: RW28R 2600																MAG VAR: 6W		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	356	6000	338	356	6000	338	356	6000	338	356	6000	338							
LNAV/VNAV DA	484	1 1/2	466	484	1 1/2	466	484	1 1/2	466	484	1 1/2	466							
LNAV MDA	460	5000	442	460	5000	442	460	6000	442	460	1 1/2	442							
CIRCLING	500	1	481	500	1	481	640	1 3/4	621	680	2	661							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PBI VORTAC AIRWAY RADIALS 057 CW 125.																			
CITY AND STATE		ELEVATION: 19 TDZE: 18				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 27R							
WEST PALM BEACH, FL		AIRPORT NAME: PALM BEACH INTL						RNAV (GPS) Y RWY 28R, AMDT 2				AMDT: 1							
								17 DEC 2009				DATED 05/10/2007							

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KPBI
RUNWAY RW28R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W28A
LTP/FTP LATITUDE 264055.1300N
LTP/FTP LONGITUDE 0800448.8900W
LTP/FTP ELLIPSOIDAL HEIGHT -00209
FPAP LATITUDE 264059.3500N
FPAP LONGITUDE 0800630.1600W
THRESHOLD CROSSING HEIGHT (TCH) 00058.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

9BDD2DD5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00054
FPAP ORTHOMETRIC HEIGHT +00054

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 27R
				AMDT: 1
				DATED: 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KPBIK7FR28RY APBI	010PRI	K7D	OV	IF						18000		A	JS
SUSAP KPBIK7FR28RY APBI	020CUPEDK7EA0EY	020TF				09810108		+ 03000				A	JS
SUSAP KPBIK7FR28RY APBI	030CUPEDK7EA0EE	AR	HF			27890040		+ 03000				A	JS
SUSAP KPBIK7FR28RY R	010CUPEDK7EA0E	I	IF					+ 03000		18000		A	JS
SUSAP KPBIK7FR28RY R	020RELTYPK7EA1E	F	051TF			27890060		+ 01500			RW28R	K7PGA	JS
SUSAP KPBIK7FR28RY R	020RELTYPK7EA2WALEV			ALNAV/VNAV	ALNAV								JS
SUSAP KPBIK7FR28RY R	030RW28RK7PG0GY	M	031TF			27880044		00076		-300		A	JS
SUSAP KPBIK7FR28RY R	040JANTUK7EA0E	M	010DF									A	JS
SUSAP KPBIK7FR28RY R	050MORGAK7EA0EY	010TF				0064		+ 02000				A	JS
SUSAP KPBIK7FR28RY R	060MORGAK7EA0EE	L020HM				34300040		+ 02000				A	JS

[illegible]

QUALITY CHECK

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 27R
	AIRPORT NAME: PALM BEACH INTL			AMDT: 1
				DATED: 05/10/2007

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

[illegible]

6
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28R, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 27R
				AMDT: 1
				DATED: 05/10/2007

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	PBI	PBI	010		IF		FB				
	PBI	CUPED	020	IAP	TF		FO	2.0	098.1(092T)	010.8	03000
	PBI	CUPED	030		HF	R	FO		278.9(273T)	004.0	03000
		CUPED	010	FACF	IF		FB				03000
		RELTY	020	FAF	TF		FB	0.5	278.9(273T)	006.0	01500
		RW28R	030	MAP	TF		FO	0.3	278.8(273T)	004.4	00076

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JANTU	040		DF		FB	1.0			
	MORGA	050		TF		FO	1.0	006.4(360T)		02000
	MORGA	060		HM	L	FO	2.0	343.0(337T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PBI	N264048.17	W0800511.40	N2640.803	W08005.190
	CUPED	N264024.14	W0795311.55	N2640.402	W07953.193
	JANTU	N264113.98	W0801203.80	N2641.233	W08012.063
	MORGA	N265736.78	W0801155.87	N2657.613	W08011.931
	RELTY	N264042.10	W0795953.29	N2640.702	W07959.888
	RW28R	N264055.13	W0800448.89	N2640.919	W08004.815

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28R	00018	58

CITY AND STATE
WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 18
 AIRPORT NAME:
 PALM BEACH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 28R, AMDT 2
 17 DEC 2009

SUP: RNAV (GPS) RWY
27R
 AMDT: 1
 DATED: 05/10/2007

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 2000 DIRECT FOMID AND VIA TRACK 004.93 TO MORG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.00 INBOUND. CHART FAS OBST: 181 BLDG-TWR 264012N/0800533W DISTANCE TO THLD FROM 320 HAT: 0.83 NM. CHART VDP AT 1.06 MILES TO RW32* LNAV ONLY. WAAS CHANNEL # 62903 REFERENCE PATH ID: W32A											
PBI VORTAC	LIDRE (FO)	142.02 / 11.89	3000												
LIDRE (IF/IAF)	RUMDE (FB)	321.26 / 7.55	1500												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE LIDRE, RT, 321.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 321.22 FAF: RUMDE _____ DIST FAF TO MAP: 4.43 THLD: 4.43 4. MIN. ALT: LIDRE 3000, RUMDE 1500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: RUMDE 1500 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.2 34:1 IS NOT CLEAR 8. MSA FROM: RW32 2600				MAG VAR: 6W 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	336	1	320	336	1	320	336	1	320	336	1	320			
LNAV/VNAV DA	431	1 1/2	415	431	1 1/2	415	431	1 1/2	415	431	1 1/2	415			
LNAV MDA	440	1	424	440	1	424	440	1 1/4	424	440	1 1/4	424			
CIRCLING	500	1	481	500	1	481	640	1 3/4	621	680	2	661			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PBI VORTAC AIRWAY RADIALS 093 CW 189.															
CITY AND STATE		ELEVATION: 19 TDZE: 16		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY					
WEST PALM BEACH, FL		AIRPORT NAME: PALM BEACH INTL				RNAV (GPS) Y RWY 32, AMDT 2				AMDT: 1					
						17 DEC 2009				DATED 05/10/2007					

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KPBI
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W32A
LTP/FTP LATITUDE 264044.9200N
LTP/FTP LONGITUDE 0800523.9500W
LTP/FTP ELLIPSOIDAL HEIGHT -00215
FPAP LATITUDE 264148.3100N
FPAP LONGITUDE 0800634.0600W
THRESHOLD CROSSING HEIGHT (TCH) 00057.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0768
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

30C70719

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00048
FPAP ORTHOMETRIC HEIGHT +00048

QUALITY
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 16

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 32, AMDT 2

17 DEC 2009

SUP: RNAV (GPS) RWY 31

AMD'T: 1

DATED: 05/10/2007

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

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

QUALITY
CHECK

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 16	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 32, AMDT 2 17 DEC 2009	SUP: RNAV (GPS) RWY 31
	AIRPORT NAME:			AMDT: 1
	PALM BEACH INTL			DATED: 05/10/2007

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

QUALITY
CHECKED

SUP:	RNAV (GPS) RWY 31
AMDT:	1
DATED:	05/10/2007

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	PBI	PBI	010		IF		FB				
	PBI	LIDRE	020	IAF	TF		FO	2.0	142.0 (136T)	011.9	03000
	PBI	LIDRE	030		HF	R	FO		321.3 (315T)	004.0	03000
		LIDRE	010	FACF	IF		FB				03000
		RUMDE	020	FAF	TF		FB	0.5	321.3 (315T)	007.6	01500
		RW32	030	MAP	TF		FO	0.3	321.2 (315T)	004.4	00073

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	POMID	040		DF		FB	1.0			
	MORGA	050		TF		FO	1.0	004.9 (359T)		02000
	MORGA	060		HM	L	FO	2.0	343.0 (337T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PBI	N264048.17	W0800511.40	N2640.803	W08005.190
	POMID	N264626.30	W0801141.92	N2646.438	W08011.699
	LIDRE	N263213.11	W0795559.04	N2632.219	W07955.984
	MORGA	N265736.78	W0801155.87	N2657.613	W08011.931
	RUMDE	N263735.90	W0800155.08	N2637.598	W08001.918
	RW32	N264044.92	W0800523.95	N2640.749	W08005.399

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00016	57

QUALITY
CHECKED

CITY AND STATE
WEST PALM BEACH, FL

ELEVATION: 19 TDZE: 16
 AIRPORT NAME:
 PALM BEACH INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 32, AMDT 2
 17 DEC 2009

SUP: RNAV (GPS) RWY 31
 AMDT: 1
 DATED: 05/10/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
GRANT	SINFO (FO)	084.11 / 15.63	3000	LPV: DA LNAV/VNAV: DA LNAV: RW30 CLIMB TO 3000 DIRECT HEGSO AND CLIMBING LEFT TURN VIA TRACK 186.14 TO GRANT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 067.28 INBOUND. CHART FAS OBST: 894 TREE 325658N/0841438W CHART FAS OBST: 905 TREE 325729N/0841514W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.31 MILES TO RW30* LNAV ONLY. WAAS CHANNEL # 58215 REFERENCE PATH ID: W30A											
HUZER	SINFO (FO)	198.26 / 4.20	3000												
SINFO (IF/IAF)	PUMOE (FB)	300.87 / 6.41	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 SINFO, RT, 300.87 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>300.81</u> FAF: <u>PUMOE</u> DIST FAF TO MAP: <u>4.20</u> THLD: <u>4.20</u> 4. MIN. ALT: <u>SINFO 3000, PUMOE 2200</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>PUMOE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.5</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW30 3500</u>				MAG VAR: 3W EPOCH YEAR: 1995											
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	DH/MDA	VIS	HAT/HAA
LPV DA	996	1/2	200	996	1/2	200	996	1/2	200	996	1/2	200			
LNAV/VNAV DA	1191	3/4	395	1191	3/4	395	1191	3/4	395	1191	3/4	395			
LNAV MDA	1240	1/2	444	1240	1/2	444	1240	3/4	444	1240	1	444			
CIRCLING	1300	1	502	1300	1	502	1300	1 1/2	502	1360	2	562			

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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING PEACHTREE CITY-FALCON FIELD ALTIMETER SETTING.
 SEE 8260-10

CITY AND STATE THOMASTON, GA	ELEVATION: 798 TDZE: 796 AIRPORT NAME: THOMASTON-UPSON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, ORIG 17 DEC 2009	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 PEACHTREE CITY-FALCON FIELD ALTIMETER SETTING AND INCREASE ALL DA 68 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV VISIBILITY 1/4 MILE

ALL CATS, LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING PEACHTREE CITY-FALCON FIELD ALTIMETER SETTING; INCREASE LPV VISIBILITY 1/2 MILE ALL CATS.

QUALITY
CHECKED

CITY AND STATE

THOMASTON, GA

ELEVATION: 798 TDZE: 796

AIRPORT NAME:

THOMASTON-UPSON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KOPN
RUNWAY RW30
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W30A
LTP/FTP LATITUDE 325706.6045N
LTP/FTP LONGITUDE 0841525.0020W
LTP/FTP ELLIPSOIDAL HEIGHT +02152
FPAP LATITUDE 325732.6400N
FPAP LONGITUDE 0841623.6800W
THRESHOLD CROSSING HEIGHT (TCH) 00050.5
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 96.00
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

AC919DB3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02426
FPAP ORTHOMETRIC HEIGHT +02426

QUALITY
6
CHECKED

CITY AND STATE THOMASTON, GA	ELEVATION: 798 TDZE: 796 AIRPORT NAME: THOMASTON-UPSON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[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	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KOPNK7PR30	RW30	001	0000W30A0N3257066045W08415250020+021520300N3257326400W08416236800096000000000505F400350AC919DB3										
SUSAP KOPNK7PR30	RW30	002E	+02426+02426LPV	58215									

MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KOPNK7SRW30 K7PG			0	18018003525								M	

CHECKED
QUALITY

CITY AND STATE
THOMASTON, GA

ELEVATION: 798 TDZE: 796
AIRPORT NAME:
THOMASTON-UPSON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 30, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	GRANT	GRANT	010		IF		FB				
	GRANT	SINFO	020		TF		FO	2.0	084.1(081T)	015.6	03000
	GRANT	SINFO	030	IAF	HF	R	FO		300.9(298T)	004.0	03000
	HUZER	HUZER	010		IF		FB				
	HUZER	SINFO	020		TF		FO	2.0	198.3(195T)	004.2	03000
	HUZER	SINFO	030	IAF	HF	R	FO		300.9(298T)	004.0	03000
		SINFO	010	FACF	IF		FB				03000
		PUMOE	020	PAF	TF		FB	0.5	300.9(298T)	006.4	02200
		RW30	030	MAP	TF		FO	0.3	300.8(298T)	004.2	00846

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEGSO	040		DF		FB	1.0			
	GRANT	050		TF	L	FO	1.0	186.1(183T)		03000
	GRANT	060		HM	R	FO	2.0	067.3(064T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GRANT	N324945.06	W0842236.39	N3249.751	W08422.607
	HEGSO	N330000.09	W0842156.38	N3300.002	W08421.940
	HUZER	N325612.78	W0840257.38	N3256.213	W08402.956
	PUMOE	N325508.83	W0841100.00	N3255.147	W08411.000
	SINFO	N325208.92	W0840416.22	N3252.149	W08404.270
	RW30	N325706.60	W0841525.00	N3257.110	W08415.417

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00796	51



CITY AND STATE
THOMASTON, GA

ELEVATION: 798 TDZE: 796
 AIRPORT NAME:
 THOMASTON-UPSON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 30, ORIG
 17 DEC 2009

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 17 DEC 2009

QUALITY
9
CHECKED

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1046 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 10, ORIG-A, 08/13/1998	SUP
				AMDT ORIG
				DATE 04/25/1996

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: RW10 CLIMB TO 3000 DIRECT EBORE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 278.70 INBOUND. CHART FAS OBST: 1159 TREE 410128N/0932352W CHART 1385 TOWER 410221N/0932808W. CHART VDP AT 1.16 MILES TO RW10. COSHE TO RW10: 3.04/40.
OHGEE	SECOL (FB)	290.55 / 23.71	3000	
WIVEY (IAF)	BODGY (NOPT) (FB)	146.26 / 11.82	3000	
SECOL (IAF)	BODGY (NOPT) (FB)	008.54 / 5.00	3000	
BODGY (IF/IAF)	COSHE (FB)	098.55 / 6.10	2600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W BODGY, RT, 098.55 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 098.63 FAF: COSHE DIST FAF TO MAP: 4.69 THLD: 4.69
- MIN. ALT: BODGY 3000, COSHE 2600
- 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: RW10 2800

MAG VAR: 3E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1440	1	394	1440	1	394		NA			NA					
CIRCLING	1460	1	410	1500	1	450		NA			NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAMONI ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.
 CHART NOTE: VDP NA WHEN USING LAMONI ALTIMETER SETTING.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
1
CHECKED

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1046 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIVEY VIA V13-77-161 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OHGEE VIA V216 NORTHEAST BOUND AND V175 SOUTHEAST BOUND.

17
DEC
2009

CITY AND STATE

CHARITON, IA

ELEVATION: 1050 TDZE: 1046

AIRPORT NAME:

CHARITON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KCNCK3FR10	ABODGY	010BODGYK3EA0EE	AR	HF		09860040		+ 03000	18000			B JS	
SUSAP KCNCK3FR10	AOHGEE	010OHGEEK3EA0E		IF					18000			B JS	
SUSAP KCNCK3FR10	AOHGEE	020SECOLK3EA0E	A	020TF		29060237		+ 03000				B JS	
SUSAP KCNCK3FR10	AOHGEE	030BODGYK3EA0EE	B	010TF		00850050		+ 03000				B JS	
SUSAP KCNCK3FR10	AWIVEY	010WIVEYK3EA0E	A	IF					18000			B JS	
SUSAP KCNCK3FR10	AWIVEY	020BODGYK3EA0EE	B	010TF		14630118		+ 03000				B JS	
SUSAP KCNCK3FR10	R	010BODGYK3EA0E	I	IF				+ 03000	18000			B JS	
SUSAP KCNCK3FR10	R	020COSHEK3EA1E	F	051TF		09860061		+ 02600			RW10	K3PGB	JS
SUSAP KCNCK3FR10	R	020COSHEK3EA2WN			N	ALNAV							JS
SUSAP KCNCK3FR10	R	030RW10	K3PG0GY	M	031TF	09860047		01086		-304		B JS	
SUSAP KCNCK3FR10	R	040EBOREK3EA0EYM		010DF				+ 03000				B JS	
SUSAP KCNCK3FR10	R	050EBOREK3EA0EE		R020HM		27870040		+ 03000				B JS	

[illegible]

QUALITY
1
CHECKED

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1046 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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[illegible]

QUALITY

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1046 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BODGY	BODGY	010	IAF	HF	R	FO		098.6(102T)	004.0	03000
	OHGEE	OHGEE	010		IF		FB				
	OHGEE	SECOL	020	IAF	TF		FB	2.0	290.6(294T)	023.7	03000
	OHGEE	BODGY	030	IF	TF		FB	1.0	008.5(012T)	005.0	03000
	WIVEY	WIVEY	010	IAF	IF		FB				
	WIVEY	BODGY	020	IF	TF		FB	1.0	146.3(149T)	011.8	03000
		BODGY	010	FACF	IF		FB				03000
		COSHE	020	PAF	TF		FB	0.5	098.6(102T)	006.1	02600
		RW10	030	MAP	TF		FO	0.3	098.6(102T)	004.7	01086

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EBORE	040		DF		FO	1.0			03000
	EBORE	050		HM	R	FO	2.0	278.7(282T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BODGY	N410325.29	W0933546.48	N4103.422	W09335.775
	COSHE	N410211.76	W0932752.97	N4102.196	W09327.883
	EBORE	N410001.46	W0931402.89	N4100.024	W09314.048
	OHGEE	N404906.01	W0930824.01	N4049.100	W09308.400
	SECOL	N405831.18	W0933705.78	N4058.520	W09337.096
	WIVEY	N411335.52	W0934345.73	N4113.592	W09343.762
	RW10	N410114.77	W0932148.48	N4101.246	W09321.808

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW10	01046		40

CITY AND STATE
 CHARITON, IA

ELEVATION: 1050 TDZE: 1046
 AIRPORT NAME:
 CHARITON MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 10, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
WIVEY	CIVIS (FB)	093.63 / 11.62	3000	LNAV: RW17 CLIMBING LEFT TURN TO 3000 DIRECT YOUTO AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1159 TREE 410230N/0932200W OLLIS TO RW17: 3.04/40.
DSM VORTAC (IAF)	YOUTO (NOPT) (FB)	134.29 / 19.00	3000	
CIVIS (IAF)	YOUTO (NOPT) (FB)	086.99 / 5.00	3000	
YOUTO (IF/IAF)	OLLIS (FB)	177.06 / 6.10	2600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N YOUTO, RT, 177.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 177.06 FAF: OLLIS DIST FAF TO MAP: 4.72 THLD: 4.72
- MIN. ALT: YOUTO 3000, OLLIS 2600
- 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: RW17 2800

MAG VAR: 3E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1460	1	410	1460	1	410		NA			NA				
CIRCLING	1460	1	410	1500	1	450		NA			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 LAMONI ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DSM VORTAC VIA AIRWAY RADIALS 079 CW 189.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
2
CHECKED

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1050 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED

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[illegible]

QUALITY
CHECKER

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1050 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

CITY AND STATE CHARITON, IA	ELEVATION: 1050 TDZE: 1050 AIRPORT NAME: CHARITON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DSM	DSM	010	IAF	IF		FB				
	DSM	YOUTO	020	IF	TF		FB	1.0	134.3 (137T)	019.0	03000
	WIVEY	WIVEY	010		IF		FB				
	WIVEY	CIVIS	020	IAF	TF		FB	2.0	093.6 (097T)	011.6	03000
	WIVEY	YOUTO	030	IF	TF		FB	1.0	087.0 (090T)	005.0	03000
	YOUTO	YOUTO	010	IAF	HF	R	FO		177.1 (180T)	004.0	03000
		YOUTO	010	FACF	IF		FB				03000
		OLLIS	020	FAF	TF		FB	0.5	177.1 (180T)	006.1	02600
		RW17	030	MAP	TF		FO	0.3	177.1 (180T)	004.7	01078

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YOUTO	040		DF	L	FO	1.0			03000
	YOUTO	050		HM	R	FO	2.0	177.1 (180T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSM	N412613.19	W0933855.34	N4126.220	W09338.922
	CIVIS	N411214.01	W0932828.41	N4112.234	W09328.474
	OLLIS	N410607.63	W0932151.47	N4106.127	W09321.858
	WIVEY	N411335.52	W0934345.73	N4113.592	W09343.762
	YOUTO	N411213.89	W0932150.96	N4112.232	W09321.849
	RW17	N410124.32	W0932151.86	N4101.405	W09321.864

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW17	01038		40

QUALITY
1
CHECKED

CITY AND STATE
CHARITON, IA

ELEVATION: 1050 TDZE: 1050
 AIRPORT NAME:
 CHARITON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 17, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 17, 28, 35 STANDARD.

RWY 10, STANDARD WITH MINIMUM CLIMB OF 223' PER NM TO 1,700, OR 900-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 10 - FOR CLIMB IN VISUAL CONDITIONS CROSS CHARITON MUNI AIRPORT AT OR ABOVE 1,800 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, TOWER 2.62 NM FROM DER, 2,173' LEFT OF CENTERLINE, 470' AGL/1,480' MSL.

NOTE: RWY 17, HANGAR 13' FROM DER, 429' LEFT OF CENTERLINE, 25' AGL/1,084 MSL, VEHICLE ON ROAD BEGINNING 506' FROM DER, FROM LEFT TO RIGHT OF CENTERLINE, UP TO 15' AGL/1,074' MSL. TREE 2,720' FROM DER, 451' RIGHT OF CENTERLINE, 100' AGL/1,159' MSL.

NOTE: RWY 35, VEHICLE ON ROAD 17' FROM DER, 421' LEFT OF CENTERLINE, 15' AGL/1,054' MSL.

(4) CONTROLLING OBSTACLES:

RWY10: 1,480 MSL TOWER, 410055.80N-0931728.10W

VCOA: 1,480 MSL TOWER, 410055.80N-0931728.10W

QUALITY
9
CHECKED

(5) City, State CHARITON, IA	(6) Airport CHARITON MUNI	(7) Effective Date 17 DEC 2009	(8) Amdt. No. ORIG

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 2, 17, 20, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

ALL AIRCRAFT DEPARTING IDA R-160 CW R-040 CLIMB ON COURSE. ALL OTHERS CLIMB DIRECT IDA VOR/DME. CONTINUE CLIMBING IN IDA HOLDING PATTERN (S, LEFT TURNS, 019 INBOUND) TO CROSS IDA VOR/DME AT OR ABOVE 7500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, POLE 1,039' FROM DER, 758' LEFT OF CENTERLINE, 42' AGL/4,762' MSL.

NOTE: RWY 17, TREES, FLAGPOLE, BUILDING, LIGHT AND VENT ON BUILDINGS, AND VEHICLE ON ROAD BEGINNING 29' FROM DER, 10' RIGHT OF CENTERLINE, UP TO 84' AGL/4,820' MSL. TREES AND VENT ON BUILDING BEGINNING 569' FROM DER, 22' LEFT OF CENTERLINE, UP TO 35' AGL/4,760' MSL. TREES, ANTENNA, AND LIGHT POLES BEGINNING 1,853' FROM DER, 26' RIGHT OF CENTERLINE, UP TO 121' AGL/4,851' MSL.

NOTE: RWY 35, TREES AND RAILROAD BEGINNING 410' FROM DER, 503' RIGHT OF CENTERLINE, UP TO 49' AGL/4,769' MSL. TREE 1,034' FROM DER, 715' LEFT OF CENTERLINE, 42' AGL/4,762' MSL.

(4) CONTROLLING OBSTACLES:

RW 2, 17, 20, 35: 5771 MSL AAO 432112.00N-1120039.00W, 7639 MSL AAO 431821.50N-1115514.50W



(5) City, State

IDAHO FALLS, ID

(6) Airport

IDAHO FALLS REGIONAL

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

4

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: RW25							
CATOX (IAF)		BELDE (NOPT) (FB)		341.16 / 5.00		2600		CLIMB TO 2600 DIRECT BATBE AND HOLD.							
DOBME (IAF)		BELDE (NOPT) (FB)		161.10 / 5.00		2600									
BELDE (IF/IAF)		APILE (FB)		251.13 / 6.00		2500									
										ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.80 INBOUND. CHART FAS OBST: 1085 TOWER 415355N/0890107W CHART VDP AT 1.88 MILES TO RW25. APILE TO RW25: 3.05/40.					

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)									
2. HOLD E BELDE, RT, 251.13 INBOUND, 2600 FT. IN LIEU OF PT (IAF)									
3. FAC: 251.04 FAF: APILE DIST FAF TO MAP: 5.19 THLD: 5.19									
4. MIN. ALT: BELDE 2600, APILE 2500, EDAVE/2.96 NM TO RW25 1780									
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: _____									

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	1400	1	619	1400	1	619	1400	1 3/4	619	1400	2	619				
CIRCLING	1400	1	619	1400	1	619	1400	1 3/4	619	1400	2	619				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE ROCHELLE, IL	ELEVATION: 781 TDZE: 781	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: ROCHELLE MUNI-KORITZ FIELD			AMDT: ORIG
	DATED 07/10/2003			

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TAA

	FROM	TO	ALT
1.	161/30 CW 341/30 (NOPT)	BELDE (IF/IAF) (FB)	2600
2.	341/30 CW 071/30	CATOX (IAF) (FB)	2600
3.	071/30 CW 161/30	DOBME (IAF) (FB)	2600



CITY AND STATE

ROCHELLE, IL

ELEVATION: 781 TDZE: 781

AIRPORT NAME:

ROCHELLE MUNI-KORITZ FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG-A

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 07/10/2003

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

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRPJK5FR25	ABELDE	010BELDEK5EA0EE	AR	HF		25110040	+	02600	18000		B JS	I
SUSAP	KRPJK5FR25	ACATOX	010CATOKX5EA0E	A	IF					18000		B JS	I
SUSAP	KRPJK5FR25	ACATOX	020BELDEK5EA0EE	B	010TF		34120050	+	02600			B JS	I
SUSAP	KRPJK5FR25	ADOBME	010DOBMK5EA0E	A	IF					18000		B JS	I
SUSAP	KRPJK5FR25	ADOBME	020BELDEK5EA0EE	B	010TF		16110050	+	02600			B JS	I
SUSAP	KRPJK5FR25	R	010BELDEK5EA0E	I	IF			+	02600	18000		B JS	I
SUSAP	KRPJK5FR25	R	020APILEK5EA1E	F	051TF		25110060	+	02500			B JS	I
SUSAP	KRPJK5FR25	R	020APILEK5EA2WN			N	ALNAV					JS	I
SUSAP	KRPJK5FR25	R	021EDAVEK5EA0E	S	031TF		25100022	V	0178001788		-305	B JS	I
SUSAP	KRPJK5FR25	R	030RW25 K5PG0GY	M	031TF		25100030		00821		-305	B JS	I
SUSAP	KRPJK5FR25	R	040	0	M 010CA		2510	+	01181			B JS	I
SUSAP	KRPJK5FR25	R	050BATBEK5EA0EY	010DF				+	02600			B JS	I
SUSAP	KRPJK5FR25	R	060BATBEK5EA0EE	R020HM			07080040	+	02600			B JS	I

[illegible]

CITY AND STATE
ROCHELLE, IL

ELEVATION: 781 TDZE: 781
AIRPORT NAME:
ROCHELLE MUNI-KORITZ FIELD

FACILITY
IDENTIFIER:
BNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 25, ORIG-A
17 DEC 2009

SUP:	
AMDT:	ORIG
DATED:	07/10/2003

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
	BELDE	BELDE	010	IAF	HF	R	FO		251.1(250T)	004.0	02600
	CATOX	CATOX	010	IAF	IF		FB				
	CATOX	BELDE	020	IF	TF		FB	1.0	341.2(340T)	005.0	02600
	DOBME	DOBME	010	IAF	IF		FB				
	DOBME	BELDE	020	IF	TF		FB	1.0	161.1(160T)	005.0	02600
		BELDE	010	FACF	IF		FB				02600
		APILE	020	FAF	TF		FB	0.5	251.1(250T)	006.0	02500
		EDAVE	021	SDF	TF		FB	0.3	251.0(250T)	002.2	0178001788
		RW25	030	MAP	TF		FO	0.3	251.0(250T)	003.0	00821

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	251.0(250T)		01181
	BATBE	050		DF		FO	1.0			02600
	BATBE	060		HM	R	FO	2.0	070.8(070T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APILE	N415528.49	W0885743.63	N4155.475	W08857.727
	BATBE	N414936.01	W0891913.98	N4149.600	W08919.233
	BELDE	N415731.17	W0885010.09	N4157.520	W08850.168
	CATOX	N415248.89	W0884753.59	N4152.815	W08847.893
	DOBME	N420213.41	W0885226.93	N4202.224	W08852.449
	EDAVE	N415442.85	W0890031.78	N4154.714	W08900.530
	RW25	N415341.97	W0890415.56	N4153.700	W08904.259

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW25	00781	40

CITY AND STATE
 ROCHELLE, IL

ELEVATION: 781 TDZE: 781
 AIRPORT NAME:
 ROCHELLE MUNI-KORITZ FIELD

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 25, ORIG-A
 17 DEC 2009

SUP:
 AMDT: ORIG
 DATED: 07/10/2003

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

QUALITY
CHECKED

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

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

TERMINAL ROUTES										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: _____																																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF:</td> <td>STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="4">ALTERNATE: N A</td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																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																																																																																
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																																																																																																																												
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PROCEDURE CANCELED EFFECTIVE <u>17 DEC 2009</u>																																																																																																																																											
																																																																																																																																											
CITY AND STATE HUNTINGBURG, IN				ELEVATION: 529 TDZE: 524 AIRPORT NAME: HUNTINGBURG				FACILITY IDENTIFIER: GPS				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 9, ORIG, 06/25/1999																																																																																																																															
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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										MISSSED 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 <u>17 DEC 2009</u>																			
CITY AND STATE HUNTINGBURG, IN				ELEVATION: 530 TDZE: 530 AIRPORT NAME: HUNTINGBURG				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 27, ORIG, 06/25/1999						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: RW09 CLIMB TO 2500 DIRECT IDGOW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 270.79 INBOUND. CHART FAS OBST: 608 TREE 381507N/0865753W FAS OBST: 768 AAO 381516N/0870156W DISTANCE TO THLD FROM 321 HAT: 0.92 NM. WAAS CHANNEL # 49207 REFERENCE PATH ID: W09A											
EFWAV (IAF)	APKEW (NOPT) (FB)	180.48 / 5.01	2500												
AGKIP (IAF)	APKEW (NOPT) (FB)	000.48 / 5.01	2500												
APKEW (IF/IAF)	OGEDY (FB)	090.48 / 6.11	2200												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W APKEW, RT, 090.48 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: 090.56 FAF: OGEDY _____ DIST FAF TO MAP: 5.10 THLD: 5.10 4. MIN. ALT: APKEW 2500, OGEDY 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: OGEDY _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 0E EPOCH YEAR: 1980											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	845	1 1/4	321	845	1 1/4	321	845	1 1/4	321	845	1 1/4	321			
LNAV/VNAV DA	878	1 1/4	354	878	1 1/4	354	878	1 1/4	354	878	1 1/4	354			
LNAV MDA	1020	1	496	1020	1	496	1020	1 1/4	496	1020	1 1/2	496			
CIRCLING	1020	1	491	1020	1	491	1020	1 1/2	491	1080	2	551			
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 NOTE: BARO-VNAV NA WHEN USING EVANSVILLE ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 529 TDZE: 524		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HUNTINGBURG, IN		AIRPORT NAME: HUNTINGBURG				RNAV (GPS) RWY 9, ORIG 17 DEC 2009				AMDT: NONE					
										DATED					

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE ALTIMETER SETTING AND INCREASE ALL DA 85 FEET AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	360/30 CW 180/30 (NOPT)	APKEW (IF/IAF) (FB)	2500
2.	180/30 CW 270/30	EFWAV (IAF) (FB)	2500
3.	270/30 CW 360/30	AGKIP (IAF) (FB)	2500

QUALITY
CHECKED

CITY AND STATE
HUNTINGBURG, IN

ELEVATION: 529 TDZE: 524
AIRPORT NAME:
HUNTINGBURG

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHNB
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	381456.7640N
LTP/FTP LONGITUDE	0865744.6280W
LTP/FTP ELLIPSOIDAL HEIGHT	+01242
FPAP LATITUDE	381455.7600N
FPAP LONGITUDE	0865551.5300W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FBA694D6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01563
FPAP ORTHOMETRIC HEIGHT	+01563

QUALITY
6
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529 TDZE: 524 AIRPORT NAME: HUNTINGBURG	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 17 DEC 2009	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 KHNBK5FR09	AAGKIP	010AGKIPK5EA0E	A	IF						18000		A JS	
SUSAP KHNBK5FR09	AAGKIP	020APKEWK5EA0EE		010TF		00050050	+	02500				A JS	
SUSAP KHNBK5FR09	AAPKEW	010APKEWK5EA0EE	AR	HF		09050040	+	02500		18000		A JS	
SUSAP KHNBK5FR09	AEFWAV	010EFWAVK5EA0E	A	IF						18000		A JS	
SUSAP KHNBK5FR09	AEFWAV	020APKEWK5EA0EE		010TF		18050050	+	02500				A JS	
SUSAP KHNBK5FR09	R	010APKEWK5EA0E	I	IF			+	02500		18000		A JS	
SUSAP KHNBK5FR09	R	020OGEDYK5EA1E	F	051TF		09050061	+	02200				A JS	
SUSAP KHNBK5FR09	R	020OGEDYK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KHNBK5FR09	R	030RW09 K5PG0GY	M	031TF		09060051		00553		-300		A JS	
SUSAP KHNBK5FR09	R	040IDGOWK5EA0EYM		010DF			+	02500				A JS	
SUSAP KHNBK5FR09	R	050IDGOWK5EA0EE		R020HM		27080040	+	02500				A JS	

[illegible][illegible]

QUALITY
1
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529 TDZE: 524 AIRPORT NAME: HUNTINGBURG	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AGKIP	AGKIP	010	IAF	IF		FB				
	AGKIP	APKEW	020		TF		FB	1.0	000.5 (001T)	005.0	02500
	APKEW	APKEW	010	IAF	HF	R	FO		090.5 (091T)	004.0	02500
	EFWAV	EFWAV	010	IAF	IF		FB				
	EFWAV	APKEW	020		TF		FB	1.0	180.5 (181T)	005.0	02500
		APKEW	010	FACF	IF		FB				02500
		OGEDY	020	FAF	TF		FB	0.5	090.5 (091T)	006.1	02200
		RW09	030	MAP	TF		FO	0.3	090.6 (091T)	005.1	00553

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IDGOW	040		DF		FO	1.0			02500
	IDGOW	050		HM	R	FO	2.0	270.8 (271T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGKIP	N381002.39	W0871201.62	N3810.040	W08712.027
	APKEW	N381503.30	W0871158.43	N3815.055	W08711.974
	EFWAV	N382004.21	W0871155.23	N3820.070	W08711.921
	IDGOW	N381447.89	W0864234.31	N3814.798	W08642.572
	OGEDY	N381459.95	W0870413.05	N3814.999	W08704.218
	RW09	N381456.76	W0865744.63	N3814.946	W08657.744

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00513	40

CITY AND STATE
HUNTINGBURG, IN

ELEVATION: 529 TDZE: 524
 AIRPORT NAME:
HUNTINGBURG

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
17 DEC 2009

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE														
ANDUQ (IAF)	IDGOW (NOPT) (FB)	180.79 / 5.01	2500	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 2500 DIRECT APKEW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.48 INBOUND. CHART FAS OBST: 719 TREE 381429N/0865502W 839 AAO 381536N/0865051W DISTANCE TO THLD FROM 283 HAT: 0.74 NM. CHART VDP AT 1.27 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 86815 REFERENCE PATH ID: W27A													
EGWAB (IAF)	IDGOW (NOPT) (FB)	000.79 / 5.01	2500														
IDGOW (IF/IAF)	NECWI (FB)	270.79 / 6.10	2200														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD <u>E</u> IDGOW, RT, 270.79 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>270.71</u> FAF: <u>NECWI</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u> 4. MIN. ALT: <u>IDGOW 2500, NECWI 2200, CILMA/2.10 NM TO RW27 1240*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>NECWI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>										MAG VAR: 0E		EPOCH YEAR: 1980					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	812	1	283	812	1	283	812	1	283	812	1	283					
LNAV/VNAV DA	1038	1 3/4	509	1038	1 3/4	509	1038	1 3/4	509	1038	1 3/4	509					
LNAV MDA	980	1	451	980	1	451	980	1 1/4	451	980	1 1/2	451					
CIRCLING	1000	1	471	1020	1	491	1020	1 1/2	491	1080	2	551					
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. *LNAV ONLY CHART NOTE: VDP AND BARO-VNAV NA WHEN USING EVANSVILLE ALTIMETER SETTING. SEE 8260-10																	
CITY AND STATE				ELEVATION: 529 TDZE: 529				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
HUNTINGBURG, IN				AIRPORT NAME: HUNTINGBURG				RNAV				RNAV (GPS) RWY 27, ORIG 17 DEC 2009				AMDT: NONE	
														DATED			

QUALITY
 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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE ALTIMETER SETTING AND INCREASE ALL DA 85 FEET AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	181/30 CW 001/30 (NOPT)	IDGOW (IF/IAF) (FB)	2500
2.	001/30 CW 091/30	EGWAB (IAF) (FB)	2500
3.	091/30 CW 181/30	ANDUQ (IAF) (FB)	2500

QUALITY
6
CHECKED

CITY AND STATE
HUNTINGBURG, IN

ELEVATION: 529 TDZE: 529
AIRPORT NAME:
HUNTINGBURG

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KHNB
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	381456.2120N
LTP/FTP LONGITUDE	0865641.9595W
LTP/FTP ELLIPSOIDAL HEIGHT	+01284
FPAP LATITUDE	381457.1900N
FPAP LONGITUDE	0865835.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00049.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	676EDE45

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01605
FPAP ORTHOMETRIC HEIGHT	+01605

QUALITY
6
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529 TDZE: 529	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: HUNTINGBURG			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	KHNBK5FR27	AANDUQ	010ANDUQK5EA0E	A	IF					18000		A	JS
SUSAP	KHNBK5FR27	AANDUQ	020IDGOWK5EA0EE		010TF		18080050	+	02500			A	JS
SUSAP	KHNBK5FR27	AEGWAB	010EGWABK5EA0E	A	IF					18000		A	JS
SUSAP	KHNBK5FR27	AEGWAB	020IDGOWK5EA0EE		010TF		00080050	+	02500			A	JS
SUSAP	KHNBK5FR27	AIDGOW	010IDGOWK5EA0EE	AR	HF		27080040	+	02500	18000		A	JS
SUSAP	KHNBK5FR27	R	010IDGOWK5EA0E	I	IF			+	02500	18000		A	JS
SUSAP	KHNBK5FR27	R	020NECWIK5EA1E	F	051TF		27080061	+	02200			A	JS
SUSAP	KHNBK5FR27	R	020NECWIK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KHNBK5FR27	R	021CILMAK5EA0E	S	031TF		27070029	V	0124001249		-300	A	JS
SUSAP	KHNBK5FR27	R	030RW27	K5PG0GY	M	031TF	27070021		00576		-300	A	JS
SUSAP	KHNBK5FR27	R	040APKEWK5EA0EYM		010DF			+	02500			A	JS
SUSAP	KHNBK5FR27	R	050APKEWK5EA0EE		R020HM		09050040	+	02500			A	JS

QUALITY
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529 TDZE: 529 AIRPORT NAME: HUNTINGBURG	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529 TDZE: 529 AIRPORT NAME: HUNTINGBURG	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 DEC 2009	SUP:	
				AMDT:	NONE
				DATED:	

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ANDUQ	ANDUQ	010	IAF	IF		FB				
	ANDUQ	IDGOW	020		TF		FB	1.0	180.8 (181T)	005.0	02500
	EGWAB	EGWAB	010	IAF	IF		FB				
	EGWAB	IDGOW	020		TF		FB	1.0	000.8 (001T)	005.0	02500
	IDGOW	IDGOW	010	IAF	HF	R	FO		270.8 (271T)	004.0	02500
		IDGOW	010	FACF	IF		FB				02500
		NECWI	020	PAF	TF		FB	0.5	270.8 (271T)	006.1	02200
		CILMA	021	SDF	TF		FB	0.3	270.7 (271T)	002.9	0124001249
		RW27	030	MAP	TF		FO	0.3	270.7 (271T)	002.1	00576

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	APKEW	040		DF		FO	1.0			02500
	APKEW	050		HM	R	FO	2.0	090.5 (091T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANDUQ	N381946.78	W0864229.04	N3819.813	W08642.484
	APKEW	N381503.30	W0871158.43	N3815.055	W08711.974
	CILMA	N381454.77	W0865402.02	N3814.913	W08654.034
	EGWAB	N380946.99	W0864239.57	N3809.783	W08642.660
	IDGOW	N381447.89	W0864234.31	N3814.798	W08642.572
	NECWI	N381452.66	W0865018.85	N3814.878	W08650.314
	RW27	N381456.21	W0865641.96	N3814.937	W08656.699

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW27	00527	49

QUALITY
CHECKED

CITY AND STATE HUNTINGBURG, IN	ELEVATION: 529	TDZE: 529	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: HUNTINGBURG				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												
QUTOQ (IAF)	SUCVO (NOPT) (FB)	135.35 / 5.00	3000	LNAV: RW05 CLIMB TO 3000 DIRECT MCKVR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 225.61 INBOUND. CHART FAS OBST: 770 TOWER 375546N/0865240W CHART VDP AT 1.55 MILES TO RW05. AKVEH TO RW05: 3.05/35											
NOBAE (IAF)	SUCVO (NOPT) (FB)	315.45 / 5.00	3000												
SUCVO (IF/IAF)	AKVEH (FB)	045.40 / 6.19	2100												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW SUCVO, RT, 045.40 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>045.46</u> FAF: <u>AKVEH</u> DIST FAF TO MAP: <u>5.11</u> THLD: <u>5.11</u> 4. MIN. ALT: SUCVO 3000, AKVEH 2100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 3W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	☒										
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1020	1	609	1020	1	609	1020	1 3/4	609		NA				
CIRCLING	1020	1	608	1080	1	668	1080	1 3/4	668		NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10															
CITY AND STATE		ELEVATION: 412 TDZE: 411		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
LEWISPORT, KY		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 5, ORIG				AMDT: NONE					
		HANCOCK CO-RON LEWIS FIELD				17 DEC 2009				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 OWENSBORO ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	315/30 CW 135/30 (NOPT)	SUCVO (IF/IAF) (FB)	3000
2.	135/30 CW 225/30	QUTOQ (IAF) (FB)	3000
3.	225/30 CW 315/30	NOBAE (IAF) (FB)	3000

CITY AND STATE

LEWISPORT, KY

ELEVATION: 412 TDZE: 411

AIRPORT NAME:

HANCOCK CO-RON LEWIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

NAR	AKVEH
NAR	MCKVR
NAR	NOBAE
NAR	QUTOQ
NAR	SUCVO

[illegible]

MNAR HANCOCK CO-RON LEWIS FIELD

[illegible]

	18000	B JS
03000		B JS
	18000	B JS
03000		B JS
03000	18000	B JS
03000	18000	B JS
02100		B JS
		JS
00445	-305	B JS
03000		B JS
03000		B JS

[illegible]

QUALITY
1
CHECKED

SUP:	
AMDT:	NONE
DATED:	

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NOBAE	NOBAE	010	IAF	IF		FB				
	NOBAE	SUCVO	020		TF		FB	1.0	315.5 (313T)	005.0	03000
	QUTOQ	QUTOQ	010	IAF	IF		FB				
	QUTOQ	SUCVO	020		TF		FB	1.0	135.4 (132T)	005.0	03000
	SUCVO	SUCVO	010	IAF	HF	R	FO		045.4 (042T)	004.0	03000
		SUCVO	010	FACF	IF		FB				03000
		AKVEH	020	FAF	TF		FB	0.5	045.4 (042T)	006.2	02100
		RW05	030	MAP	TF		FO	0.3	045.5 (043T)	005.1	00445

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MCKVR	040		DF		FO	1.0			03000
	MCKVR	050		HM	R	FO	2.0	225.6 (223T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AKVEH	N375310.53	W0865604.31	N3753.176	W08656.072
	MCKVR	N380612.55	W0864057.66	N3806.209	W08640.961
	NOBAE	N374513.47	W0865641.31	N3745.225	W08656.689
	QUTOQ	N375158.52	W0870600.42	N3751.975	W08706.007
	SUCVO	N374836.09	W0870120.65	N3748.602	W08701.344
	RW05	N375656.93	W0865142.64	N3756.949	W08651.711

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00410	35

QUALITY
1
CHECKED

CITY AND STATE
LEWISPORT, KY

ELEVATION: 412 TDZE: 411
 AIRPORT NAME:
 HANCOCK CO-RON LEWIS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 5, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW23 CLIMB TO 3000 DIRECT SUCVO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 045.40 INBOUND. CHART FAS OBST: 679 TOWER 380102N/0864739W CAGUV TO RW23: 3.05/40								
ROCXE (IAF)	MCKVR (NOPT) (FB)	315.66 / 5.00	3000									
HOCSU (IAF)	MCKVR (NOPT) (FB)	135.56 / 5.00	3000									
MCKVR (IF/IAF)	CAGUV (FB)	225.61 / 6.19	2300									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE MCKVR, RT, 225.61 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 225.56 FAF: CAGUV DIST FAF TO MAP: 5.71 THLD: 5.71 4. MIN. ALT: MCKVR 3000, CAGUV 2300 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 3W EPOCH YEAR: 2010								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	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
LNAV MDA	940	1	528	940	1	528	940	1 1/2	528		NA	
CIRCLING	980	1	568	1080	1	668	1080	1 3/4	668		NA	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10												
CITY AND STATE			ELEVATION: 412 TDZE: 412		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:		
LEWISPORT, KY			AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, ORIG			AMDT: NONE		
			HANCOCK CO-RON LEWIS FIELD				17 DEC 2009			DATED		

QUALITY
5
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

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

TAA

	FROM	TO	ALT
1.	136/30 CW 316/30 (NOPT)	MCKVR (IF/IAF) (FB)	3000
2.	316/30 CW 046/30	ROCXE (IAF) (FB)	3000
3.	046/30 CW 136/30	HOCSU (IAF) (FB)	3000



CITY AND STATE

LEWISPORT, KY

ELEVATION: 412 TDZE: 412

AIRPORT NAME:

HANCOCK CO-RON LEWIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

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

QUALITY
1
CHECKED

PAGE 3 OF 4 PAGES

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOCSU	HOCSU	010	IAF	IF		FB				
	HOCSU	MCKVR	020		TF		FB	1.0	135.6 (133T)	005.0	03000
	MCKVR	MCKVR	010	IAF	HF	R	FO		225.6 (223T)	004.0	03000
	ROCKE	ROCKE	010	IAF	IF		FB				
	ROCKE	MCKVR	020		TF		FB	1.0	315.7 (313T)	005.0	03000
		MCKVR	010	FACF	IF		FB				03000
		CAGUV	020	FAP	TF		FB	0.5	225.6 (223T)	006.2	02300
		RW23	030	MAP	TF		FO	0.3	225.6 (223T)	005.7	00451

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SUCVO	040		DF		FO	1.0			03000
	SUCVO	050		HM	R	FO	2.0	045.4 (042T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAGUV	N380138.98	W0864615.71	N3801.650	W08646.262
	HOCSU	N380935.78	W0864537.60	N3809.596	W08645.627
	MCKVR	N380612.55	W0864057.66	N3806.209	W08640.961
	ROCKE	N380249.13	W0863618.15	N3802.819	W08636.303
	SUCVO	N374836.09	W0870120.65	N3748.602	W08701.344
	RW23	N375726.08	W0865108.90	N3757.435	W08651.148

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00412	40

QUALITY
1
CHECKED

CITY AND STATE LEWISPORT, KY	ELEVATION: 412 TDZE: 412 AIRPORT NAME: HANCOCK CO-RON LEWIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 17 DEC 2009	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 5, 300 - 1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 394 FEET PER NM TO 700.

RWY 23, 400 - 1 3/4 OR STANDARD WITH A MINIMUM CLIMB OF 342 FEET PER NM TO 900.

(2) TEXTUAL DEPARTURE PROCEDURE:

CHART NOTE: PROCEDURE NA AT NIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 206' FROM DER, 61' RIGHT OF CENTERLINE, UP TO 100' AGL/599' MSL.

NOTE: RWY 23, TREES BEGINNING 2778' FROM DER, 1230' RIGHT OF CENTERLINE, UP TO 100' AGL/509' MSL. TOWER 1.4 NM FROM DER, 1460' LEFT OF CENTERLINE, 300' AGL/770' MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 599' MSL TREE 375743.70N/0865024.70W

RWY 23: 770' MSL TOWER 375546.00N/0865240.00W

QUALITY
5
CHECKED

(5) City, State

LEWISPORT, KY

(6) Airport

HANCOCK CO-RON LEWIS FIELD

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

ORIG

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MCB VORTAC	GVB NDB	138.02 / 32.51	2000
PCU VOR/DME	GVB NDB	335.50 / 20.35	2000

MISSED APPROACH

MAP: 3.75 MILES AFTER GVB NDB

CLIMBING LEFT TURN TO 2000 DIRECT PCU VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 DIRECT FNA NDB AND HOLD N, RT, 178.00 INBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 349 TOWER 305119N/0895148W
CHART IN PLANVIEW: FNA NDB.
GVB NDB TO RW18: 3.36/45.
HOLD S, RT, 356.00 INBOUND.
FAS OBST: 369 AAO 305228N/0895211W
CHART ALTERNATE MA HOLDING: HOLD N FNA NDB,
RT, 178.00 INBOUND.

1. PT L SIDE OF COURSE 002.74 OUTBOUND 2000 FT WITHIN 10 MILES OF GVB NDB (IAF)
2. _____
3. FAC 182.74 FAF GVB NDB DIST FAF TO MAP 3.75 THLD 3.75
4. MIN. ALT GVB NDB 1500
8. MSA FROM: GVB NDB 1900

MAG VAR: 0W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			X						
CATEGORY	====>	A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-18		600	1	481	600	1	481	600	1 1/4	481		NA				
CIRCLING		620	1	501	620	1	501	720	1 3/4	601		NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAKEFRONT ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET; INCREASE S-18 CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT C VISIBILITY SEE 8260-10

CITY AND STATE BOGALUSA, LA	ELEVATION: 119 TDZE: 119 AIRPORT NAME: GEORGE R CARR MEMORIAL AIR FLD	FACILITY IDENTIFIER: I-BXA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC RWY 18, AMDT 2 17 DEC 2009	SUP AMDT 1A DATE 08/03/2006

LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

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

NOTES CONT.

1/2 MILE.

CHART NOTE: ADF REQUIRED.

CHART PLANVIEW NOTE: ADF REQUIRED.

CITY AND STATE

BOGALUSA, LA

ELEVATION: 119 TDZE: 119

AIRPORT NAME:

GEORGE R CARR MEMORIAL AIR FLD

FACILITY
IDENTIFIER:

I-BXA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC RWY 18, AMDT 2

17 DEC 2009

SUP:

AMDT: 1A

DATED: 08/03/2006

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 36, STANDARD.

RWY 18, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 255' PER NM TO 800.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, NUMEROUS TREES BEGINNING 1463' FROM DER, 332' LEFT OF CENTERLINE UP TO 100' AGL/203' MSL. NUMEROUS TREES BEGINNING 1272' FROM DER 360' RIGHT OF CENTERLINE UP TO 100' AGL/200' MSL. WATER TOWER 2734' FROM DER, 1046' LEFT OF CENTERLINE, 160' AGL/262' MSL. SMOKE STACK 9654' FROM DER, 2140' LEFT OF CENTERLINE, 250' AGL/357' MSL.

NOTE: RWY 36, TREES 486' FROM DER, 459' LEFT OF CENTERLINE, UP TO 100' AGL/217' MSL. BUILDING 12' FROM DER, 305' RIGHT OF CENTERLINE, 10' AGL/130' MSL.

(4) CONTROLLING OBSTACLES:

RWY 18: 565 MSL TOWER 304559.00N-0895144.00W

QUALITY
CHECKED

City/State

BOGALUSA, LA

(6) Airport

GEORGE R CARR MEMORIAL AIR FLD

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

2

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 17 DEC 2009

QUALITY
6
CHECKED

CITY AND STATE WINNFIELD, LA	ELEVATION: 146 TDZE: 146 AIRPORT NAME: DAVID G. JOYCE	FACILITY IDENTIFIER: IFJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 8, AMDT 2B, 11/09/1993	SUP
				AMDT 2A
				DATE 07/09/1992

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 17 DEC 2009

CITY AND STATE MANKATO, MN	ELEVATION: 1020 TDZE: 1020	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: GPS RWY 22, ORIG, 02/26/1998	SUP	CHEN
	AIRPORT NAME:			AMD'T	NONE
	MANKATO REGIONAL			DATE	

QUALITY
A C

PAGE 1 OF 4 PAGES

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

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

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	313/30 CW 133/30 (NOPT)	313/6 CW 133/6	3200
	313/6 CW 133/6	KABGE (IF/IAF) (FB)	2700
2.	133/30 CW 223/30	APCHY (IAF) (FB)	2700
3.	223/30 CW 313/30	DIJZE (IAF) (FB)	2900

QUALITY
CHECKED

CITY AND STATE

MANKATO, MN

ELEVATION: 1021 TDZE: 1018

AIRPORT NAME:

MANKATO RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

QUALITY
CHECKED

CITY AND STATE MANKATO, MN	ELEVATION: 1021 TDZE: 1018 AIRPORT NAME: MANKATO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	APCHY	APCHY	010	IAF	IF		FB				
	APCHY	KABGE	020		TF		FB	1.0	133.1 (137T)	005.0	02700
	DIJZE	DIJZE	010	IAF	IF		FB				
	DIJZE	KABGE	020		TF		FB	1.0	313.3 (317T)	005.0	02700
	KABGE	KABGE	010	IAF	HF	R	FO		043.2 (047T)	004.0	02700
		KABGE	010	FACF	IF		FB				02700
		OBMAH	020	FAF	TF		FB	0.5	043.2 (047T)	006.2	02500
		RW04	030	MAP	TF		FO	0.3	043.3 (047T)	004.5	01046

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KABGE	040		DF	L	FO	1.0			02700
	KABGE	050		HM	R	FO	2.0	043.2 (047T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APCHY	N440919.23	W0941108.69	N4409.321	W09411.145
	DIJZE	N440158.97	W0940143.00	N4401.983	W09401.717
	KABGE	N440539.20	W0940625.55	N4405.653	W09406.426
	OBMAH	N440951.81	W0940006.27	N4409.864	W09400.105
	RW04	N441255.28	W0935529.92	N4412.921	W09355.499

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	01007	39

QUALITY
CHECKED

CITY AND STATE
MANKATO, MN

ELEVATION: 1021 TDZE: 1018
 AIRPORT NAME:
 MANKATO RGNL

FACILITY
IDENTIFIER:
 RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 4, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW22 CLIMB TO 2700 DIRECT KABGE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 043.20 INBOUND. CHART FAS OBST: 1219 TREE 441551N/0934959W EBHUE TO RW22: 3.04/40
JOGDU (IAF)	IKIBY (NOPT) (FB)	133.41 / 5.00	2700	
NUNVE (IAF)	IKIBY (NOPT) (FB)	313.52 / 5.00	2700	
IKIBY (IF/IAF)	EBUHE (FB)	223.47 / 6.20	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE IKIBY, RT, 223.47 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 223.40 FAF: EBUHE DIST FAF TO MAP: 5.08 THLD: 5.08
- MIN. ALT: IKIBY 2700, EBUHE 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 4E EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1480	1	459	1480	1	459	1480	1 1/4	459		NA				
CIRCLING	1480	1	459	1480	1	459	1480	1 1/2	459		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE WASECA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MANKATO, MN	ELEVATION: 1021 TDZE: 1021 AIRPORT NAME: MANKATO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	133/30 CW 313/30 (NOPT)	133/12 CW 313/12	2900
	133/12 CW 313/12	IKIBY (IF/IAF) (FB)	2700
2.	313/30 CW 043/30	NUNVE (IAF) (FB)	2900
3.	043/30 CW 133/30	JOGDU (IAF) (FB)	2900

QUALITY
CHECKED

CITY AND STATE

MANKATO, MN

ELEVATION: 1021 TDZE: 1021

AIRPORT NAME:

MANKATO RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KM	TK	3FR	22				22350040	+	02700	18000		B JS
SUSAP	KM	TK	3FR	22	AJOGDU	010	IKIBYK3EA0E	A	IF		18000		B JS
SUSAP	KM	TK	3FR	22	AJOGDU	020	IKIBYK3EA0EE		010TF				B JS
SUSAP	KM	TK	3FR	22	ANUNVE	010	NUNVEK3EA0E	A	IF		18000		B JS
SUSAP	KM	TK	3FR	22	ANUNVE	020	IKIBYK3EA0EE		010TF				B JS
SUSAP	KM	TK	3FR	22	R		010IKIBYK3EA0E	I	IF		18000		B JS
SUSAP	KM	TK	3FR	22	R		020EBUHEK3EA1E	F	051TF				B JS
SUSAP	KM	TK	3FR	22	R		020EBUHEK3EA2WN			N			JS
SUSAP	KM	TK	3FR	22	R		030RW22 K3PGOGY	M	031TF				B JS
SUSAP	KM	TK	3FR	22	R		040KABGEK3EA0EYM		010DF		-304		B JS
SUSAP	KM	TK	3FR	22	R		050KABGEK3EA0EE		R020HM				B JS
							04320040	+	02700				B JS

[illegible]

QUALITY
1
CHECKED

CITY AND STATE MANKATO, MN	ELEVATION: 1021 TDZE: 1021 AIRPORT NAME: MANKATO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	IKIBY	IKIBY	010	IAF	HF	R	FO		223.5 (228T)	004.0	02700
	JOGDU	JOGDU	010	IAF	IF		FB				
	JOGDU	IKIBY	020		TF		FB	1.0	133.4 (137T)	005.0	02700
	NUNVE	NUNVE	010	IAF	IF		FB				
	NUNVE	IKIBY	020		TF		FB	1.0	313.5 (318T)	005.0	02700
		IKIBY	010	FACF	IF		FB				02700
		EBUHE	020	FAF	TF		FB	0.5	223.5 (228T)	006.2	02700
		RW22	030	MAP	TF		FO	0.3	223.4 (227T)	005.1	01059

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KABGE	040		DF		FO	1.0			02700
	KABGE	050		HM	R	FO	2.0	043.2 (047T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EBUHE	N441648.49	W0934937.52	N4416.808	W09349.625
	IKIBY	N442100.11	W0934315.90	N4421.002	W09343.265
	JOGDU	N442441.09	W0934758.82	N4424.685	W09347.980
	KABGE	N440539.20	W0940625.55	N4405.653	W09406.426
	NUNVE	N441718.93	W0933833.57	N4417.316	W09338.560
	RW22	N441322.05	W0935449.53	N4413.368	W09354.826

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	01019	40

QUALITY
CHECKED

CITY AND STATE

MANKATO, MN

ELEVATION: 1021 TDZE: 1021

AIRPORT NAME:

MANKATO RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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: 5.36 MILES AFTER OBLIO LOM/INT/7.20 DME OR AT I-LMR 1.84 DME FIX CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 5000 INTERCEPT STL VORTAC R-128 TO FONTI INT/STL 22.44 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.40 INBOUND. CHART FAS OBST: 697 TREE 384538N/0902343W CHART 714 TREE 384551N/0902302W. CHART VDP AT 2.99 DME; DISTANCE VDP TO THLD 1.15 MILES. CHART (CFJYO) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE											
SADEN INT (IAF)	PAULY INT/I-LMR 17.78 DME/RADAR	077.00 / 2.08 (HDG) & 122.20 / 1.73 (I-LMR)	4500												
PAULY INT/I-LMR 17.78 DME/RADAR (IF)	NAIRN INT/I-LMR 12.44 DME/RADAR	122.20 / 5.34 (I-LMR)	3600												
NAIRN INT/I-LMR 12.44 DME/RADAR	OBLIO LOM/INT/I-LMR 7.20 DME	122.20 / 5.23 (I-LMR)	2400												
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 PAULY 3. FAC: <u>122.19</u> FAF: <u>OBLIO LOM/INT/I-LMR 7.20 DME</u> DIST FAF TO MAP: <u>5.36</u> THLD: <u>5.36</u> 4. MIN. ALT: <u>PAULY 4500, NAIRN 3600, OBLIO LOM 2400</u> 5. DIST TO THLD FROM OM: <u>5.36</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1153</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2327</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.4</u> 8. MSA FROM: <u>OBLIO LOM 2800</u>				MAG VAR: 0E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	LOC: STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 12R	790	4000	250	790	4000	250	790	4000	250	790	4000	250	790	4000	250
S-LOC 12R	960	4000	420	960	4000	420	960	4000	420	960	4000	420	960	5000	420
SIDESTEP 12L	980	1	439	980	1	439	980	1 1/2	439	980	2	439	980	2	439
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 12R OR SIDESTEP 12L. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 12R CATS A AND B VISIBILITY TO RVR 5000 AND CAT E VISIBILITY TO 1 1/2. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.															
CITY AND STATE		ELEVATION: 618		TDZE: 12R 540		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ST LOUIS, MO		AIRPORT NAME:		TDZE: 12L 541		I-LMR		ILS OR LOC RWY 12R, AMDT 21E				AMDT: 21D			
		LAMBERT-ST LOUIS INTL						17 DEC 2009				DATED 11/20/2008			

QUALITY
 6
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HIKIB (IAF)	AYUDI (NOPT) (FB)	268.65 / 5.00	2000
EYTAY (IAF)	AYUDI (NOPT) (FB)	088.53 / 5.00	2000
AYUDI (IF/IAF)	NELRY (FB)	178.59 / 6.25	2000

MISSED APPROACH

LNAV: RW18

CLIMB TO 2000 DIRECT MUMDE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 358.59 INBOUND.
CHART FAS OBST: 533 TOWER 340352N/0884241W
NELRY TO RW18: 3.04/40

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N AYUDI, RT, 178.59 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 178.59 FAF: NELRY DIST FAF TO MAP: 5.04 THLD: 5.04
- MIN. ALT: AYUDI 2000, NELRY 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 1E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: <u> </u>	☒ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	820	1	485	820	1	485	820	1 1/4	485		NA				
CIRCLING	920	1	585	920	1	585	920	1 1/2	585		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE TUPELO ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLUMBUS AIR FORCE BASE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND ALL CAT C VISIBILITY 1/4 MILE.

QUALITY
6
CHECKED

CITY AND STATE OKOLONA, MS	ELEVATION: 335 TDZE: 335 AIRPORT NAME: OKOLONA MUNI-RICHARD STOVALL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG 17 DEC 2009	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.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	089/30 CW 269/30 (NOPT)	AYUDI (IF/IAF) (FB)	2500
2.	269/30 CW 359/30	HIKIB (IAF) (FB)	2300
3.	359/30 CW 089/30	EYTAY (IAF) (FB)	3400

QUALITY
CHECKED

CITY AND STATE

OKOLONA, MS

ELEVATION: 335 TDZE: 335

AIRPORT NAME:

OKOLONA MUNI-RICHARD STOVALL FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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[illegible]

6
CHECKED

CITY AND STATE OKOLONA, MS	ELEVATION: 335 TDZE: 335 AIRPORT NAME: OKOLONA MUNI-RICHARD STOVALL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AYUDI	AYUDI	010	IAF	HF	R	FO		178.6(180T)	004.0	02000
	EYTAY	EYTAY	010	IAF	IF		FB				
	EYTAY	AYUDI	020	IF	TF		FB	1.0	088.5(090T)	005.0	02000
	HIKIB	HIKIB	010	IAF	IF		FB				
	HIKIB	AYUDI	020	IF	TF		FB	1.0	268.7(270T)	005.0	02000
		AYUDI	010	PACF	IF		FB				02000
		NELRY	020	FAF	TF		FB	0.5	178.6(180T)	006.3	02000
		RW18	030	MAP	TF		FO	0.3	178.6(180T)	005.0	00373

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MUMDE	040		DF		FO	1.0			02000
	MUMDE	050		HM	R	FO	2.0	358.6(360T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYUDI	N341231.33	W0884340.29	N3412.522	W08843.672
	EYTAY	N341229.03	W0884942.00	N3412.484	W08849.700
	HIKIB	N341233.33	W0883738.57	N3412.556	W08837.643
	MUMDE	N334923.10	W0884328.37	N3349.385	W08843.473
	NELRY	N340615.59	W0884337.06	N3406.260	W08843.618
	RW18	N340112.75	W0884334.45	N3401.213	W08843.574

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW18	00333	40

QUALITY
CHECKED

CITY AND STATE
OKOLONA, MS

ELEVATION: 335 TDZE: 335
 AIRPORT NAME:
 OKOLONA MUNI-RICHARD STOVALL FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
VUZLI (IAF)	MUMDE (NOPT) (FB)	088.53 / 5.00	2000	LNAV: RW36
ORDIW (IAF)	MUMDE (NOPT) (FB)	268.65 / 5.00	2000	CLIMB TO 2000 DIRECT AYUDI AND HOLD.
MUMDE (IF/IAF)	IXXEW (FB)	358.59 / 6.25	2000	
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.59 INBOUND. CHART FAS OBST: 449 TREE 340001N/0884308W CHART 636 TOWER 335530N/0884405W. IXXEW TO RW36: 3.04/40

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S MUMDE, RT, 358.59 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 358.59 FAF: IXXEW DIST FAF TO MAP: 5.03 THLD: 5.03
- MIN. ALT: MUMDE 2000, IXXEW 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 1E

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	860	1	525	860	1	525	860	1 1/2	525		NA				
CIRCLING	920	1	585	920	1	585	920	1 1/2	585		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: USE TUPELO ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLUMBUS AIR FORCE BASE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY
CHECKED

CITY AND STATE OKOLONA, MS	ELEVATION: 335 TDZE: 335 AIRPORT NAME: OKOLONA MUNI-RICHARD STOVALL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TAA

	FROM	TO	ALT
1.	269/30 CW 089/30 (NOPT)	MUMDE (IF/IAF) (FB)	3400
2.	089/30 CW 179/30	VUZLI (IAF) (FB)	3400
3.	179/30 CW 269/30	ORDIW (IAF) (FB)	2200

QUALITY
CHECKED

CITY AND STATE

OKOLONA, MS

ELEVATION: 335 TDZE: 335

AIRPORT NAME:

OKOLONA MUNI-RICHARD STOVALL FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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[illegible]

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CHECKED

CITY AND STATE OKOLONA, MS	ELEVATION: 335 TDZE: 335 AIRPORT NAME: OKOLONA MUNI-RICHARD STOVALL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MUMDE	MUMDE	010	IAF	HF	R	FO		358.6 (360T)	004.0	02000
	ORDIW	ORDIW	010	IAF	IF		FB				
	ORDIW	MUMDE	020	IF	TF		FB	1.0	268.7 (270T)	005.0	02000
	VUZLI	VUZLI	010	IAF	IF		FB				
	VUZLI	MUMDE	020	IF	TF		FB	1.0	088.5 (090T)	005.0	02000
		MUMDE	010	FACF	IF		FB				02000
		IXKEW	020	PAF	TF		FB	0.5	358.6 (360T)	006.3	02000
		RW36	030	MAP	TF		FO	0.3	358.6 (360T)	005.0	00375

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AYUDI	040		DF		FO	1.0			02000
	AYUDI	050		HM	R	FO	2.0	178.6 (180T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYUDI	N341231.33	W0884340.29	N3412.522	W08843.672
	IXKEW	N335538.62	W0884331.58	N3355.644	W08843.526
	MUMDE	N334923.10	W0884328.37	N3349.385	W08843.473
	ORDIW	N334925.10	W0883728.28	N3349.418	W08837.471
	VUZLI	N334920.80	W0884928.45	N3349.347	W08849.474
	RW36	N340041.10	W0884334.18	N3400.685	W08843.570

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00335	40

OKOLONA
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CITY AND STATE
OKOLONA, MS

ELEVATION: 335 TDZE: 335
 AIRPORT NAME:
 OKOLONA MUNI-RICHARD STOVALL FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA CLIMB TO 7300 THEN CLIMBING RIGHT TURN TO 9100 VIA CPN VOR/DME R-113 TO CPN VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 166.00 INBOUND.	
EVVER INT/CPN 22.49 DME	NIYID/CPN 17.00 DME	207.46 / 5.49 (CPN R-027)	11500		
HIA VORTAC	MAGIC INT/13.87 DME	299.62 / 24.61	10900		
CPN VOR/DME	MAGIC INT/13.87 DME	027.46 / 10.92	10000		
NIYID/CPN 17.00 DME (IAF)	MAGIC INT/13.87 DME (NOPT)	207.46 / 6.08 (CPN R-207)	10000		
MAGIC INT/13.87 DME (IF/IAF)	KEVTE/12.83 DME	150.87 / 1.04 (I-BEY)	9800		
KEVTE/12.83 DME	YADUL/9.74 DME	150.87 / 3.09 (I-BEY)	8600		
SEE 8260-10					

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD NW MAGIC, RT, 150.87 INBOUND, 10000 FT. IN LIEU OF PT (IAF)	
3. FAC: 150.87 FAF: _____	DIST FAF TO MAP: _____ THLD: _____
4. MIN. ALT: MAGIC 10000, KEVTE 9800, YADUL 8600, HUBDU 7900, GEYGE 7500, WELDU 7100	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 832	
6. MIN GS INCPT: 7100 GS ALT AT: WELDU/5.82 DME 7100 OM: _____ MM: _____ IM: _____	
7. GS ANGLE: 3.50 TCH: 55.2	
8. MSA FROM: CPN VOR/DME 095-345 12000, 345-095 10100	

MAG VAR: 16E
EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			ILS: #					
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 15	6711	4	1188	6711	4	1188	6711	4	1188		NA				
CIRCLING	6720	4	1170	6720	4	1170	6720	4	1170		NA				

NOTES:
 CHART NOTE: CIRCLING NA NE OF RWY 15-33.
 CHART NOTE: WHEN GS NOT USED, USE LOC/DME RWY 15 PROCEDURE.
 CHART NOTE: CIRCLING REQUIRES DESCENT ON GS TO MDA.
 CHART NOTE: AUTOPILOT COUPLED APPROACH NA.
 CHART PLANVIEW NOTE: DME REQUIRED.

CAT A, B, C 1200-4

CITY AND STATE	ELEVATION: 5550 TDZE: 5523	FACILITY IDENTIFIER: I-BEY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BUTTE, MT	AIRPORT NAME: BERT MOONEY		ILS Y RWY 15, AMDT 7 17 DEC 2009	AMDT: 6A
				DATED 10/23/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YADUL/9.74 DME	HUBDU/7.92 DME	150.87 / 1.82 (I-BEY)	7900
HUBDU/7.92 DME	GEYGE/6.88 DME	150.87 / 1.05 (I-BEY)	7500
GEYGE/6.88 DME	WELDU/5.82 DME	150.87 / 1.05 (I-BEY)	7100

CITY AND STATE

BUTTE, MT

ELEVATION: 5550 TDZE: 5523

AIRPORT NAME:

BERT MOONEY

FACILITY
IDENTIFIER:

I-BEY

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS Y RWY 15, AMDT 7

17 DEC 2009

SUP:

AMDT: 6A

DATED: 10/23/2008

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 18L, 18C, 18R, 23, 36L, 36C, 36R, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 5 - CLIMB HEADING 055.47 TO 1700 BEFORE TURNING RIGHT.

RWY 36L - CLIMB HEADING 002.96 TO 1800 BEFORE TURNING LEFT.

RWY 36C - CLIMB HEADING 002.96 TO 1400 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 1031' FROM DER, 480' LEFT OF CENTERLINE, UP TO 127' AGL/856' MSL.

NOTE: RWY 18L, TOWER AND POLE BEGINNING 981' FROM DER, 708' LEFT OF CENTERLINE, UP TO 160' AGL/850' MSL. TREES BEGINNING 1235' FROM DER, 707' RIGHT OF CENTERLINE, UP TO 88' AGL/767' MSL.

NOTE: RWY 18C, TREES BEGINNING 1688' FROM DER, 735' LEFT OF CENTERLINE, UP TO 108' AGL/787' MSL. TREES BEGINNING 3251' FROM DER, 995' RIGHT OF CENTERLINE, UP TO 102' AGL/841' MSL.

(CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 5: 1634 MSL BLDG 351339.00N/0805032.00W.

RWY 36L: 2749 MSL TOWER 352145.00N/0810918.00W.

RWY 36C: 2749 MSL TOWER 352145.00N/0810918.00W.

QUALITY
2
CHECKED

(5) City, State CHARLOTTE, NC	(8) Airport CHARLOTTE/DOUGLAS INTL	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 5

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

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

(3) TAKEOFF OBSTACLE NOTES:

(CONTINUED FROM PAGE 1)

NOTE: RWY 23, TREES BEGINNING 3899' FROM DER, 216' LEFT OF CENTERLINE, UP TO 99' AGL/818' MSL. TREES BEGINNING 1491' FROM DER, 603' RIGHT OF CENTERLINE, UP TO 74' AGL/823' MSL.

NOTE: RWY 36C, TREES BEGINNING 1937' FROM DER, 725' LEFT OF CENTERLINE, UP TO 54' AGL/823' MSL. TREES BEGINNING 1420' FROM DER, 309' RIGHT OF CENTERLINE, UP TO 114' AGL/823' MSL.

NOTE: RWY 36R, POLE AND TREES BEGINNING 713' FROM DER, 416' LEFT OF CENTERLINE, UP TO 94' AGL/853' MSL. RAILROAD, ANTENNA, POLES AND TREES BEGINNING 471' FROM DER, 93' RIGHT OF CENTERLINE, UP TO 93' AGL/852' MSL.

City, State CHARLOTTE, NC		Airport CHARLOTTE/DOUGLAS INTL		Effective Date 17 DEC 2009	Amdt. No. 5
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/VNAV: DA LNAV: RW01 CLIMB TO 4400 DIRECT MODPY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 187.59 INBOUND. CHART FAS OBST: 1869 ELEVATOR 420541N/0980244W CHART FAS OBST: 1999 TREE 420406N/0980405W CHART 2281 TOWER 420241N/0980210W. DISTANCE TO THLD FROM 407 HAT: 1.15 NM. WAAS CHANNEL # 72914 REFERENCE PATH ID: W01A CHART O'NEILL MOA								
CAGOD (IAF)		HEMED (NOPT) (FB)		097.44 / 5.00		4400										
PLACA (IAF)		HEMED (NOPT) (FB)		277.58 / 5.00		4400										
HEMED (IF/IAF)		FERUG (FB)		007.51 / 6.29		3400										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S HEMED, RT, 007.51 INBOUND, 4400 FT. IN LIEU OF PT (IAF) 3. FAC: <u>007.53</u> FAF: <u>FERUG</u> DIST FAF TO MAP: <u>4.91</u> THLD: <u>4.91</u> 4. MIN. ALT: <u>HEMED 4400, FERUG 3400, OCOBO/2.50 NM TO RW01 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>3400</u> GS ALT AT: <u>FERUG</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.6</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 5E EPOCH YEAR: 2010								
MINIMUMS																
TAKEOFF: <u> </u> STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ☒																
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	2181	1 1/2	407	2181	1 1/2	407		NA			NA					
LNAV/VNAV DA	2197	1 1/2	423	2197	1 1/2	423		NA			NA					
LNAV MDA	2320	1	546	2320	1	546		NA			NA					
CIRCLING	2360	1	586	2440	1	666		NA			NA					
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: USE ALBION ALTIMETER SETTING; WHEN NOT RECEIVED, USE NORFOLK ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.																
CITY AND STATE				ELEVATION: 1774 TDZE: 1774		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
NELIGH, NE				AIRPORT NAME: ANTELOPE COUNTY				RNAV (GPS) RWY 1, ORIG 17 DEC 2009				AMDT: NONE				
												DATED				

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

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TAA

	FROM	TO	ALT
1.	278/30 CW 097/30 (NOPT)	278/16 CW 097/16	4800
2.	278/16 CW 097/16	HEMED (IF/IAF) (FB)	4400
3.	097/30 CW 188/30	CAGOD (IAF) (FB)	4400
4.	188/30 CW 278/30	PLACA (IAF) (FB)	4400

CITY AND STATE

NELIGH, NE

ELEVATION: 1774 TDZE: 1774

AIRPORT NAME:

ANTELOPE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	4V9
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	420618.5640N
LTP/FTP LONGITUDE	0980226.7925W
LTP/FTP ELLIPSOIDAL HEIGHT	+05160
FPAP LATITUDE	420745.5600N
FPAP LONGITUDE	0980200.7700W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	2A072137

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05406
FPAP ORTHOMETRIC HEIGHT	+05406

CITY AND STATE
NELIGH, NE

ELEVATION: 1774 TDZE: 1774
AIRPORT NAME:
ANTELOPE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

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ARINC PACKET - 424-18 - RNAV (GPS)

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

SUSAEAENRT	CAGOD K30	W	N41562712W098121485	NAR	CAGOD
SUSAEAENRT	FERUG K30	W	N42013074W098035272	NAR	FERUG
SUSAEAENRT	HEMED K30	W	N41552230W098054240	NAR	HEMED
SUSAEAENRT	MODPY K30	W	N42175625W097585760	NAR	MODPY
SUSAEAENRT	OCOBO K30	W	N42035208W098031055	NAR	OCOBO
SUSAEAENRT	PLACA K30	W	N41541710W097591018	NAR	PLACA

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

SUSAP 4V9 K3A4V9	0	037YHN42064410W098022320E005001774	1800018000C	MNAR	ANTELOPE COUNTY

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

SUSAP 4V9 K3FR01	ACAGOD 010CAGODK3EA0E A	IF		18000	A JS
SUSAP 4V9 K3FR01	ACAGOD 020HEMEDK3EA0EE	010TF	09740050 + 04400		A JS
SUSAP 4V9 K3FR01	AHEMED 010HEMEDK3EA0EE AR	HF	00750050 + 04400	18000	A JS
SUSAP 4V9 K3FR01	APLACA 010PLACAK3EA0E A	IF		18000	A JS
SUSAP 4V9 K3FR01	APLACA 020HEMEDK3EA0EE	010TF	27760050 + 04400		A JS
SUSAP 4V9 K3FR01	R 010HEMEDK3EA0E I	IF	+ 04400	18000	A JS
SUSAP 4V9 K3FR01	R 020FERUGK3EA1E F	051TF	00750063 + 03400		A JS
SUSAP 4V9 K3FR01	R 020FERUGK3EA2WALPV				JS
SUSAP 4V9 K3FR01	R 021OCOBOK3EA0E S	031TF	00750024 V 0260002617	-300	A JS
SUSAP 4V9 K3FR01	R 030RW01 K3PG0GY M	031TF	00750025 01814	-300	A JS
SUSAP 4V9 K3FR01	R 040MODPYK3EA0EYM	010DF	+ 04400		A JS
SUSAP 4V9 K3FR01	R 050MODPYK3EA0EE	R020HM	18760050 + 04400		A JS

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

SUSAP 4V9 K3GRW01	0037000076 N42061856W098022679-1100	+0516001774000041060R

QUALITY
CHECKED

CITY AND STATE NELIGH, NE	ELEVATION: 1774 TDZE: 1774	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: ANTELOPE COUNTY			AMDT: NONE
				DATED:

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QUALITY
COUNCIL

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
	CAGOD	CAGOD	010	IAF	IF		FB				
	CAGOD	HEMED	020		TF		FB	1.0	097.4 (102T)	005.0	04400
	HEMED	HEMED	010	IAF	HF	R	FO		007.5 (013T)	005.0	04400
	PLACA	PLACA	010	IAF	IF		FB				
	PLACA	HEMED	020		TF		FB	1.0	277.6 (283T)	005.0	04400
		HEMED	010	FACF	IF		FB				04400
		FERUG	020	FAF	TF		FB	0.5	007.5 (013T)	006.3	03400
		OCOBO	021	SDF	TF		FB	0.3	007.5 (013T)	002.4	0260002617
		RW01	030	MAP	TF		FO	0.3	007.5 (013T)	002.5	01814

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MODPY	040		DF		FO	1.0			04400
	MODPY	050		HM	R	FO	2.0	187.6 (193T)	005.0	04400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAGOD	N415627.12	W0981214.85	N4156.452	W09812.248
	FERUG	N420130.74	W0980352.72	N4201.512	W09803.879
	HEMED	N415522.30	W0980542.40	N4155.372	W09805.707
	MODPY	N421756.25	W0975857.60	N4217.938	W09758.960
	OCOBO	N420352.08	W0980310.55	N4203.868	W09803.176
	PLACA	N415417.10	W0975910.18	N4154.285	W09759.170
	RW01	N420618.56	W0980226.79	N4206.309	W09802.447

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW01	01774		41

QUALITY
1
CHECKED

CITY AND STATE NELIGH, NE	ELEVATION: 1774 TDZE: 1774	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: ANTELOPE COUNTY			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	
ENEYA (IAF)	MODPY (NOPT) (FB)	277.66 / 5.00	4400	LNAV: RW19
PIVEE (IAF)	MODPY (NOPT) (FB)	097.52 / 5.00	4400	
MODPY (IF/IAF)	AMDIZ (FB)	187.59 / 6.26	3400	CLIMB TO 4400 DIRECT HEMED AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 007.51 INBOUND. CHART FAS OBST: 2071 TOWER 420820N/0980159W CHART 2119 TREE 421133N/0975933W. AMDIZ TO RW19: 3.04/41. CHART O'NEILL MOA

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N MODPY, RT, 187.59 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
- FAC: 187.57 FAF: AMDIZ DIST FAF TO MAP: 5.04 THLD: 5.04
- MIN. ALT: MODPY 4400, AMDIZ 3400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 5E

EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	2380	1	618	2380	1	618		NA			NA				
CIRCLING	2380	1	606	2440	1	666		NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: USE ALBION ALTIMETER SETTING; WHEN NOT RECEIVED, USE NORFOLK ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.



CITY AND STATE NELIGH, NE	ELEVATION: 1774 TDZE: 1762 AIRPORT NAME: ANTELOPE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED

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

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TAA

	FROM	TO	ALT
1.	098/30 CW 278/30 (NOPT)	MODPY (IF/IAF) (FB)	4400
2.	278/30 CW 008/30	ENEYA (IAF) (FB)	4400
3.	008/30 CW 098/30	PIVEE (IAF) (FB)	4400

CITY AND STATE

NELIGH, NE

ELEVATION: 1774 TDZE: 1762

AIRPORT NAME:

ANTELOPE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 4V9 K3FR19	AENEYA	010ENEYAK3EA0E	A	IF						18000		B	JS
SUSAP 4V9 K3FR19	AENEYA	020MODPYK3EA0EE		010TF			27770050	+	04400			B	JS
SUSAP 4V9 K3FR19	AMODPY	010MODPYK3EA0EE	AR	HF			18760050	+	04400	18000		B	JS
SUSAP 4V9 K3FR19	APIVEE	010PIVEEK3EA0E	A	IF						18000		B	JS
SUSAP 4V9 K3FR19	APIVEE	020MODPYK3EA0EE		010TF			09750050	+	04400			B	JS
SUSAP 4V9 K3FR19	R	010MODPYK3EA0E	I	IF				+	04400	18000		B	JS
SUSAP 4V9 K3FR19	R	020AMDIZK3EA1E	F	051TF			18760063	+	03400			B	JS
SUSAP 4V9 K3FR19	R	020AMDIZK3EA2WN			N		ALNAV						JS
SUSAP 4V9 K3FR19	R	030RW19 K3PG0GY	M	031TF			18760050		01772		-304	B	JS
SUSAP 4V9 K3FR19	R	040HEMEDK3EA0EYM		010DF				+	04400			B	JS
SUSAP 4V9 K3FR19	R	050HEMEDK3EA0EE		R020HM			00750050	+	04400			B	JS

[illegible]

QUALITY
CHECKED

CITY AND STATE NELIGH, NE	ELEVATION: 1774 TDZE: 1762 AIRPORT NAME: ANTELOPE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ENEYA	ENEYA	010	IAF	IF		FB				
	ENEYA	MODPY	020		TF		FB	1.0	277.7(283T)	005.0	04400
	MODPY	MODPY	010	IAF	HF	R	FO		187.6(193T)	005.0	04400
	PIVEE	PIVEE	010	IAF	IF		FB				
	PIVEE	MODPY	020		TF		FB	1.0	097.5(103T)	005.0	04400
		MODPY	010	FACF	IF		FB				04400
		AMDIZ	020	FAF	TF		FB	0.5	187.6(193T)	006.3	03400
		RW19	030	MAP	TF		FO	0.3	187.6(193T)	005.0	01772

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HEMED	040		DF		FO	1.0			04400
	HEMED	050		HM	R	FO	2.0	007.5(013T)	005.0	04400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMDIZ	N421149.63	W0980047.68	N4211.827	W09800.795
	ENEYA	N421650.65	W0975223.17	N4216.844	W09752.386
	HEMED	N415522.30	W0980542.40	N4155.372	W09805.707
	MODPY	N421756.25	W0975857.60	N4217.938	W09758.960
	PIVEE	N421901.48	W0980532.25	N4219.025	W09805.538
	RW19	N420654.24	W0980216.12	N4206.904	W09802.269

RUNWAY DATA	THRESHOLD		
	RWY	ELEVATION	TCH
	RW19	01731	41

QUALITY
CHECKED

CITY AND STATE NELIGH, NE	ELEVATION: 1774 TDZE: 1762	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: ANTELOPE COUNTY			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 13, 19, 31 STANDARD.

RWY 1, 400-1 3/4 OR STANDARD WITH A MINIMUM CLIMB OF 315 FT PER NM TO 2200.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 19 - CLIMB HEADING 187.55 TO 2500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1, MULTIPLE TREES BEGINNING 283' FROM DER, 7' RIGHT OF CENTERLINE, UP TO 89' AGL/1810' MSL. MULTIPLE TOWERS BEGINNING 1.2 NM FROM DER, 194' LEFT OF CENTERLINE, UP TO 135' AGL/2071' MSL. MULTIPLE ANTENNAS BEGINNING 1.4 NM FROM DER, 434' LEFT OF CENTERLINE, UP TO 71' AGL/2022' MSL. MULTIPLE STRUCTURES BEGINNING 1720' FROM DER, 2' LEFT OF CENTERLINE, UP TO 59' AGL/1780' MSL. BUILDING 1.4 NM FROM DER, 477' LEFT OF CENTERLINE, 42' AGL/1991' MSL.

NOTE: RWY 13, TREE 30' FROM DER, 468' LEFT OF CENTERLINE, 60' AGL/1789' MSL. VEHICLES ON ROAD BEGINNING 2' FROM DER, 322' LEFT OF CENTERLINE, UP TO 17' AGL/1756' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 1: 2071 MSL TOWER 420819.72N/0980159.21W, 1991 MSL TOWER 420821.78N/0980155.82W.

RWY 19: 2339 MSL TOWER 420242.00N/0980145.00W.

(5) City, State

NELIGH, NE

(6) Airport

ANTELOPE COUNTY

(7) Effective Date

17 DEC 2009

(8) Amdt. No.

ORIG

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

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

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

NOTE: RWY 19, FENCE BEGINNING 80' FROM DER, 450' RIGHT OF CENTERLINE, UP TO 4' AGL/1785' MSL. GROUND 76' FROM DER, 334' RIGHT OF CENTERLINE, 1783' MSL. GROUND
180' FROM DER, 342' RIGHT OF CENTERLINE, 1783' MSL.

NOTE: RWY 31, MULTIPLE TREES BEGINNING 586' FROM DER, 603' LEFT OF CENTERLINE, UP TO 60' AGL/1819' MSL. VEHICLES ON ROAD BEGINNING 168' FROM DER, 523' LEFT OF
CENTERLINE, UP TO 17' AGL/1766' MSL.

City, State NELIGH, NE		Airport ANTELOPE COUNTY			Effective Date 17 DEC 2009	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

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: SNY VORTAC							
										CLIMB TO 6100 THEN RIGHT TURN DIRECT SNY VORTAC AND HOLD.							
										ADDITIONAL FLIGHT DATA: HOLD E, RT, 292.73 INBOUND. CHART FAS OBST: 4380 TOWER 410457N/1025827W CHART VDP AT 1.39 DME; DISTANCE VDP TO THLD 1.11 MILES. FAC CROSSES RWY C/L EXTENDED 3004 FROM THLD.							
1. PT <u>L</u> SIDE OF COURSE <u>112.73</u> OUTBOUND <u>5900</u> FT WITHIN <u>10</u> MILES OF <u>SNY VORTAC</u> (IAF) 2. _____ 3. FAC <u>292.73</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>JEAPE/SNY 3.00 DME 4980*</u> 8. MSA FROM: <u>SNY VORTAC 6300</u>														MAG VAR: 13E		EPOCH YEAR: 1965	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-31	4980	1	690	4980	1	690	4980	2	690	4980	2 1/4	690					
CIRCLING	4980	1	667	4980	1	667	4980	2	667	4980	2 1/4	667					
JEAPE FIX MINIMUMS																	
S-31	4680	1	390	4680	1	390	4680	1	390	4680	1 1/4	390					
CIRCLING	4700	1	387	4780	1	467	4780	1 1/2	467	4880	2	567					
NOTES:																	
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KIMBALL ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET, INCREASE ALL CAT B VISIBILITY 1/4 MILE AND ALL CAT C AND D VISIBILITY 1/2 MILE.										@ CAT D 800-2 1/4 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.							
CHART NOTE: VDP NA WHEN USING KIMBALL ALTIMETER SETTING. *5140 WHEN USING KIMBALL ALTIMETER SETTING.																	
CITY AND STATE				ELEVATION: 4313 TDZE: 4290		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
SIDNEY, NE				AIRPORT NAME:		SNY		VOR RWY 31, AMDT 8				AMDT 7					
				SIDNEY MUN/LLOYD W. CARR FIELD				17 DEC 2009				DATE 07/31/2008					

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 17 DEC 2009

CITY AND STATE

ROCHESTER, NH

ELEVATION: 322

TDZE: 322

AIRPORT NAME:

SKYHAVEN

FACILITY

IDENTIFIER:

GPS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

GPS RWY 33, ORIG-B, 12/05/01

SUP

AMDT ORIG-A

DATE 08/27/01

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: 5.07 MILES AFTER SANFD LOM					
PSM VOR/DME ENE VORTAC (IF/IAF)	SANFD LOM	015.61 / 15.00	2300	CLIMBING LEFT TURN TO 3000 DIRECT PSM VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 356.40 INBOUND. CHART FAS OBST: 499 TREE 431714N/0705203W FAC CROSSES MID POINT OF RWY 15-33.					
	SANFD LOM (NOPT)	257.55 / 11.10	2300						
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)					MAG VAR: 17W EPOCH YEAR: 1990				
2. HOLD E SANFD LOM, RT, 251.00 INBOUND, 2300 FT. IN LIEU OF PT (IAF)									
3. FAC <u>251.00</u> FAF SANFD LOM DIST FAF TO MAP <u>5.07</u> THLD									
4. MIN. ALT <u>SANFD LOM 2300</u>									
8. MSA FROM: SF LOM 360-090 3100, 090-180 2200, 180-360 3600									
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
CIRCLING	1020	1	698	1020	1	698	1020	2	698
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTSMOUTH ALTIMETER SETTING AND INCREASE MDA 80 FEET AND VISIBILITY CAT B/C 1/4 MILE									
CITY AND STATE ROCHESTER, NH		ELEVATION: 322 TDZE: AIRPORT NAME: SKYHAVEN		FACILITY IDENTIFIER: SF		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB-B, AMDT 2 17 DEC 2009		SUP NDB OR GPS-B AMDT 1B DATE 09/28/2006	

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE														
ENE VORTAC	BUKKA (FB)	196.00 / 9.40	3000	LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 3000 DIRECT ASVAY AND VIA TRACK 071.61 TO CIMDO AND VIA TRACK 187.58 TO LGURI AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 425 TREE 431643N/0705533W CHART FAS OBST: 430 TREE 431643N/0705534W DISTANCE TO THLD FROM 305 HAT: 0.82 NM. WAAS CHANNEL # 72715 REFERENCE PATH ID: W33A													
BUKKA (IAF)	LGURI (NOPT) (FB)	236.77 / 8.42	3000														
PSM VOR/DME (IAF)	LGURI (NOPT) (FB)	057.14 / 6.23	3000														
LGURI (IF/IAF)	ROLNS (FB)	327.14 / 6.00	1900														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE LGURI, RT, 327.14 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 327.07 FAF: ROLNS _____ DIST FAF TO MAP: 4.76 THLD: 4.76 4. MIN. ALT: LGURI 3000, ROLNS 1900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1900 GS ALT AT: ROLNS _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 43.3 34:1 IS NOT CLEAR 8. MSA FROM: RW33 3600										MAG VAR: 16W		EPOCH YEAR: 1995					
MINIMUMS																	
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @												
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	627	1	305	627	1	305	627	1	305		NA						
LNAV/VNAV DA	695	1 1/4	373	695	1 1/4	373	695	1 1/4	373		NA						
LNAV MDA	860	1	538	860	1	538	860	1 1/2	538		NA						
CIRCLING	1020	1	698	1020	1	698	1020	2	698		NA						
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING PORTSMOUTH 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.	
CITY AND STATE				ELEVATION: 322 TDZE: 322				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
ROCHESTER, NH				AIRPORT NAME: SKYHAVEN								RNAV (GPS) RWY 33, ORIG 17 DEC 2009				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 PORTSMOUTH ALTIMETER SETTING AND INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, AND LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C, AND CIRCLING CAT B-C 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSM VOR/DME VIA V3 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ENE VORTAC ON AIRWAY RADIALS 178 CW 242.

CITY AND STATE

ROCHESTER, NH

ELEVATION: 322 TDZE: 322

AIRPORT NAME:

SKYHAVEN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KDAW
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	431649.6305N
LTP/FTP LONGITUDE	0705524.9460W
LTP/FTP ELLIPSOIDAL HEIGHT	+00711
FPAP LATITUDE	431748.1000N
FPAP LONGITUDE	0705657.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00043.3
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

F87D1D6F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00980
FPAP ORTHOMETRIC HEIGHT	+00980

CITY AND STATE
ROCHESTER, NH

ELEVATION: 322 TDZE: 322
AIRPORT NAME:
SKYHAVEN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 33, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

[illegible]

APR 17 1964

CITY AND STATE ROCHESTER, NH	ELEVATION: 322 TDZE: 322 AIRPORT NAME: SKYHAVEN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ENE	ENE	010		IF		FB				
	ENE	BUKKA	020	IAF	TF		FB	2.0	196.0 (180T)	009.4	03000
	ENE	LGURI	030		TF		FB	1.0	236.8 (221T)	008.4	03000
	LGURI	LGURI	010	IAF	HF	R	FO		327.1 (311T)	004.0	03000
	PSM	PSM	010	IAF	IF		FB				
	PSM	LGURI	020		TF		FB	1.0	057.1 (041T)	006.2	03000
		LGURI	010	FACF	IF		FB				03000
		ROLNS	020	FAF	TF		FB	0.5	327.1 (311T)	006.0	01900
		RW33	030	MAP	TF		FO	0.3	327.1 (311T)	004.8	00365

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ASVAY	040		DF		FB	1.0			
	CIMDO	050		TF	R	FB	1.0	071.6 (056T)		
	LGURI	060		TF	R	FO	1.0	187.6 (172T)		03000
	LGURI	070		HM	R	FO	2.0	327.1 (311T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENE	N432532.50	W0703648.70	N4325.542	W07036.812
	PSM	N430504.06	W0704955.15	N4305.068	W07049.919
	ASVAY	N432025.00	W0710104.48	N4320.417	W07101.075
	BUKKA	N431608.16	W0703648.70	N4316.136	W07036.812
	CIMDO	N432701.09	W0704748.74	N4327.018	W07047.812
	LGURI	N430945.37	W0704419.31	N4309.756	W07044.322
	ROLNS	N431342.16	W0705030.30	N4313.703	W07050.505
	RW33	N431649.63	W0705524.95	N4316.827	W07055.416

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW33	00322	43



CITY AND STATE ROCHESTER, NH	ELEVATION: 322 TDZE: 322	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: SKYHAVEN			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:

RWY 33: CLIMB HEADING 327.01 TO 800, THEN CLIMBING LEFT TURN HEADING 250 TO INTERCEPT CON VORTAC R-095 TO 3000 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 450' FROM DER, 295' LEFT OF CENTERLINE, UP TO 110' AGL/400' MSL. TREES AND POLES BEGINNING 111' FROM DER, 389' RIGHT OF CENTERLINE, UP TO 57' AGL/367' MSL.

NOTE: RWY 33, TREES BEGINNING 200' FROM DER, 154' RIGHT OF CENTERLINE, UP TO 120 AGL/443' MSL. TREES BEGINNING 106' FROM DER, 160 LEFT OF CENTERLINE, UP TO 103' AGL/406' MSL.

(4) CONTROLLING OBSTACLES:

RWY 33: 1600' MSL TOWER 432116.00N/0710419.00W



(5) City, State ROCHESTER, NH	(6) Airport SKYHAVEN	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 6

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

U.S. Department of Transportation Federal Aviation Administration		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: JAPIR MISSED APPROACH: CLIMB TO 1500 VIA RIGHT TURN TO FOXIB, THEN CLIMB TO 3000 VIA TRACK 305.72 TO MORNS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 061.25 INBOUND CHART FAS OBST: 179 ANT ON BLDG 405217N/0740343W DIST TO THLD FROM 493 HAT: 1.38 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH 61.3 MSL (DO NOT CHART)	
SBJ VOR/DME	SHOTT (TF) (FB) (RNP 1.00)	043.83/19.97	3000		
SHOTT	LELME (TF) (FB) (RNP 1.00)	036.46/11.14	3000		
COATE	LELME (TF) (FB) (RNP 1.00)	126.97/14.34	3000		
STW VOR/DME	LELME (TF) (FB) (RNP 1.00)	095.45/21.03	3000		
LELME (IAF)	COMOK (TF) (FB) (RNP 0.50)	094.97/12.00	3000		
COMOK (IF)	HOOTH (TF) (FB) (RNP 0.30)	155.13/6.00	2000		
HOOTH	ALSIW (TF) (FB) (RNP 0.30)	180.18/3.00	1500		
CONTINUED ON PAGE 2					
1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT COMOK 3. FAC: 195.19 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: COMOK 3000, HOOTH 2000, ALSIW 1500 5. DIST TO THLD FROM OM: 4.46 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1500 GS ALT AT: ALSIW 1500 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: #54.3 34:1 IS NOT CLEAR 8. MSA FROM: RW19 360-360 2900					
MINIMUMS					
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ☐ STANDARD					
CATEGORY =====>	A		B		C
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED					
RNP 0.10 DA	500	1 3/4	493	500	1 3/4
NOTES: CHART NOTE: MISSED APPROACH REQUIRES RNP LESS THAN 1.0. CHART NOTE: RF AND GPS REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (8F) OR ABOVE 48C (119F). CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COATE VIA V16-126-188 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SBJ VOR/DME ON AIRWAY RADIALS 028 CW 54. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.					
CITY AND STATE		ELEVATION: 9 TDZE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	
TETERBORO, NJ		AIRPORT NAME: TETERBORO	RNAV	17 DEC 2009 RNAV (RNP) RWY 19, ORIG-A	
				SUP:	ORIG
				DATE	09/24/2009

 QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV **STANDARD INSTRUMENT APPROACH PROCEDURE**
FLIGHT STANDARDS SERVICES 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 (CONTINUED FROM PAGE 1)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALSIW (FAF)	JAPIR (TF) (FB)	195.19/3.76	
JAPIR (MAP)	FOXIB (RF) (FB) (RNP 0.50)	(4.69 NM RADIUS CW QAPJI)/9.05	1500
FOXIB	MORNS (TF) (FO) (RNP 1.00)	305.72/5.85	3000

CHART PLANVIEW NOTE AT STW VOR/DME, SBJ VOR/DME, COATE: (RNP 0.30)



CITY AND STATE	ELEVATION: 9 TDZE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TETERBORO, NJ	AIRPORT NAME: TETERBORO	RNAV	17 DEC 2009 RNAV (RNP) RWY 19, ORIG-A	AMDT: ORIG
				DATED: 09/24/2009

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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTEBK6FR19	ACOATE	010COATEK6EA0E	IF						18000		A	PS
SUSAP	KTEBK6FR19	ACOATE	020LELMEK6EA0E	A 010TF		12700143	+	03000				A	PS
SUSAP	KTEBK6FR19	ACOATE	030COMOKK6EA0EE	B 051TF		09500120	+	03000				A	PS
SUSAP	KTEBK6FR19	ASBJ	010SBJ K6D 0V	IF						18000		A	PS
SUSAP	KTEBK6FR19	ASBJ	020SHOTTK6EA0E	010TF		04380200	+	03000				A	PS
SUSAP	KTEBK6FR19	ASBJ	030LELMEK6EA0E	A 010TF		03650111	+	03000				A	PS
SUSAP	KTEBK6FR19	ASBJ	040COMOKK6EA0EE	B 051TF		09500120	+	03000				A	PS
SUSAP	KTEBK6FR19	ASTW	010STW K6D 0V	IF						18000		A	PS
SUSAP	KTEBK6FR19	ASTW	020LELMEK6EA0E	A 010TF		09550210	+	03000				A	PS
SUSAP	KTEBK6FR19	ASTW	030COMOKK6EA0EE	B 051TF		09500120	+	03000				A	PS
SUSAP	KTEBK6FR19	R	010COMOKK6EA0E	I IF						18000		A	PS
SUSAP	KTEBK6FR19	R	011HOOTHK6EA0E	031TF		15510060	+	02000				A	PS
SUSAP	KTEBK6FR19	R	020ALSIWK6EA1E	F 031TF		18020030	+	01500			RW19 K6PGA	PS	
SUSAP	KTEBK6FR19	R	020ALSIWK6EA2W						A011			PS	
SUSAP	KTEBK6FR19	R	030JAPIRK6EA0E	M 011TF		19520038		00284		-300		A	PS
SUSAP	KTEBK6FR19	R	040FOXIBK6EA0E	M R051RF	0046901952	30570091	+	01500			QAPJI K6EAA	PS	

QUALITY
6
CHECKED

FAA FORM 8260 - 10 / April 2006 (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.

A PS
A PS

SUSAP KTEBK6GRW19 0070001952 N40512071W074033281+0000 -0030100007077054150I

SUSAP KTEBK6SRW19 K6PG	0	18018002925	M

QUALITY
6
CHECKED

SUP:	
AMDT:	ORIG
DATED:	09/24/2009

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COATE	COATE	010		IF		FB				
	COATE	LELME	020	IAF	TF		FB	1.0	127.0 (115T)	014.3	AA 03000
	COATE	COMOK	030		TF		FB	0.5	095.0 (083T)	012.0	AA 03000
	SBJ	SBJ	010		IF		FB				
	SBJ	SHOTT	020		TF		FB	1.0	043.8 (032T)	020.0	AA 03000
	SBJ	LELME	030	IAF	TF		FB	1.0	036.5 (025T)	011.1	AA 03000
	SBJ	COMOK	040		TF		FB	0.5	095.0 (083T)	012.0	AA 03000
	STW	STW	010		IF		FB				
	STW	LELME	020	IAF	TF		FB	1.0	095.5 (084T)	021.0	AA 03000
	STW	COMOK	030		TF		FB	0.5	095.0 (083T)	012.0	AA 03000
		COMOK	010	FACF	IF		FB				AA 03000
		HOOTH	011		TF		FB	0.3	155.1 (143T)	006.0	AA 02000
		ALSIW	020	PAF	TF		FB	0.3	180.2 (168T)	003.0	AA 01500
		JAPIR	030	MAP	TF		FB	0.1	195.2 (183T)	003.8	AT 00284

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FOXIB	040		RF	R	FB	0.5		009.1	AA 01500
	MORNS	050		TF		FO	1.0	305.7 (294T)	005.9	AA 03000
	MORNS	060		HM	R	FO	2.0	061.3 (049T)	004.0	AA 03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SBJ	N403458.96	W0744430.46	N4034.983	W07444.508
	STW	N405944.95	W0745208.51	N4059.749	W07452.142
	ALSIW	N405548.21	W0740313.15	N4055.804	W07403.219
	COATE	N410810.42	W0744142.60	N4108.174	W07441.710
	COMOK	N410332.76	W0740846.99	N4103.546	W07408.783
	FOXIB	N404800.34	W0741209.09	N4048.006	W07412.152
	HOOTH	N405844.50	W0740401.79	N4058.742	W07404.030
	JAPIR	N405202.67	W0740329.73	N4052.045	W07403.496
	LELME	N410205.63	W0742431.61	N4102.094	W07424.527
	MORNS	N405021.48	W0741912.70	N4050.358	W07419.212
	QAPJI	N405218.18	W0740940.09	N4052.303	W07409.668
	SHOTT	N405156.91	W0743037.43	N4051.949	W07430.624
	RW19	N405120.71	W0740332.81	N4051.345	W07403.547

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	00007	54

QUALITY
6
CHECKED

CITY AND STATE TETERBORO, NJ	ELEVATION: 9	TDZE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) RWY 19, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: TETERBORO				AMDT: ORIG
					DATED: 09/24/2009

RNAV- STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
U.S. Department of Transportation Federal Aviation Administration												
TERMINAL ROUTES												
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MISSED APPROACH								
STW VOR/DME	ELIZE (TF) (FB) (RNP 1.00)	131.54/10.06	3000	MAP: DA CLIMB TO 2000 VIA TRACK 060.15 TO PIXDY AND VIA TRACK 038.83 TO ANGLE AND HOLD.								
COATE	ELIZE (TF) (FB) (RNP 1.00)	188.41/13.41	3000									
SBJ VOR/DME (IAF)	GUZTI (TF) (FB) (RNP 0.50)	079.59/20.02	3000	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 231.36 INBOUND CHART FAS OBST: 336 ANT ON OL TANK 405034N/0740534W DIST TO THLD FROM 673 HAT: 1.95 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: A, S #TCH 59.4 MSL (DO NOT CHART)								
ELIZE (IAF)	GUZTI (TF) (FB) (RNP 0.50)	140.05/19.73	3000									
GUZTI (IF)	CATXO (TF) (FB) (RNP 0.30)	054.20/5.60	2000									
CATXO	HOLUR (RF) (FB) (RNP 0.30)	(4.50 NM RADIUS CW HEPTI)/3.14	1700									
HOLUR	EVEGE (TF) (FB) (RNP 0.30)	094.25/2.00	1500									
CONTINUED ON PAGE 2												
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT GUZTI 3. FAC: * FAF: * SEE TERMINAL ROUTES FROM EVEGE DIST FAF TO MAP: THLD: 4. MIN. ALT: GUZTI 3000, CATXO 2000, HOLUR 1700 5. DIST TO THLD FROM OM: 4.47 MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 1500 GS ALT AT: EVEGE 1500, AWKEB 1304, OFFEC 931 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 53.4# 34:1 IS NOT CLEAR 8. MSA FROM: RW06 2900												
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	@							
CATEGORY ==>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED												
RNP 0.30 DA	679	2	673	679	2	673	679	2	673	679	2	673
NOTES: CHART NOTE: RF AND GPS REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -13C (8F) OR ABOVE 48C (119F). CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COATE VIA V252 NORTHBOUND AND VIA V116-126-188 NORTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SBJ VOR/DME ON AIRWAY RADIALS 028 CW 117. CHART PLANVIEW NOTE AT ELIZE: MAX 210 KIAS, AT GUZTI: MAX 180 KIAS. (CON'T)												
CITY AND STATE		ELEVATION: 9 TDZE: 6		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:		SUP:				
TETERBORO, NJ		TETERBORO		RNAV		17 DEC 2009 RNAV (RNP) Z RWY 6, ORIG-A		AMDT: ORIG				
								DATE 09/24/2009				



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TERMINAL ROUTES (CONTINUED FROM PAGE 1)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
EVEGE (FAF)	AWKEB (TF) (FB)	094.29/0.60	
AWKEB	OFFEC (RF) (FB)	(1.93 NM RADIUS CCW AMYIC)/1.15	
OFFEC	RW06 (TF) (FO)	060.12/2.72	
RW06 (MAP)	PIXDY (TF) (FB) (RNP 1.00)	060.15/4.30	
PIXDY	ANGLE (TF) (FO) (RNP 1.00)	038.83/1.62	2000

NOTES: (CON'T)

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 2 1/4 MILE.

CHART PLANVIEW NOTE AT STW VOR/DME, SBJ VOR/DME, COATE (RNP 0.30)

CITY AND STATE

TETERBORO, NJ

ELEVATION:

9 TDZE:

AIRPORT NAME:

TETERBORO

6

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

17 DEC 2009

RNAV (RNP) Z RWY 6, ORIG-A

SUP:

AMDT:

ORIG

DATED:

09/24/2009

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][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTEBK6FR06-Z	ACOATE	010COATEK6EA0E		IF					18000		A	PS
SUSAP	KTEBK6FR06-Z	ACOATE	020ELIZEK6EA0E	A	010TF		18840134	+	03000	210		A-PS	
SUSAP	KTEBK6FR06-Z	ACOATE	030GUZTIK6EA0EE	B	051TF		14010197	+	03000	180		A-PS	
SUSAP	KTEBK6FR06-Z	ASBJ	010SBJ K6D OV	A	IF					18000		A	PS
SUSAP	KTEBK6FR06-Z	ASBJ	020GUZTIK6EA0EE	B	051TF		07960200	+	03000	180		A-PS	
SUSAP	KTEBK6FR06-Z	ASTW	010STW K6D OV		IF					18000		A	PS
SUSAP	KTEBK6FR06-Z	ASTW	020ELIZEK6EA0E	A	010TF		13150101	+	03000	210		A-PS	
SUSAP	KTEBK6FR06-Z	ASTW	030GUZTIK6EA0EE	B	051TF		14010197	+	03000	180		A-PS	
SUSAP	KTEBK6FR06-Z	R	010GUZTIK6EA0E	I	IF			+	03000	18000		A	PS
SUSAP	KTEBK6FR06-Z	R	011CATXOK6EA0E		031TF		05420056	+	02000			A	PS
SUSAP	KTEBK6FR06-Z	R	012HOLURK6EA0E		R031RF	0045000542	09430031	+	01700		HEPTI K6EAA	PS	
SUSAP	KTEBK6FR06-Z	R	020EVEGEK6EA1E	F	031TF		09430020	+	01500		RW06 K6PGA	PS	
SUSAP	KTEBK6FR06-Z	R	020EVEGEK6EA2W							A031			PS
SUSAP	KTEBK6FR06-Z	R	021AWKEBK6EA0E		031TF		09430006			-300		A	PS

QUALITY
6
CHECKED

CITY AND STATE TETERBORO, NJ	ELEVATION: 9 AIRPORT NAME: TETERBORO	TDZE: 6 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 6, ORIG-A 17 DEC 2009	SUP:
					AMDT: ORIG
					DATED: 09-24-2009

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.

SUSAP	KTEBK6FR06-Z R	0220FFECK6EA0E	L031RF	0019300943	06010012		-300AMYIC	K6EAA	PS
SUSAP	KTEBK6FR06-Z R	030RW06	K6PG0GY M	031TF	06010027	00059	-300		A PS
SUSAP	KTEBK6FR06-Z R	040PIXDYK6EA0E	M	010TF	06020043				A PS
SUSAP	KTEBK6FR06-Z R	050ANGLEK6EA0EY		010TF	03880016	+ 02000			A PS
SUSAP	KTEBK6FR06-Z R	060ANGLEK6EA0EE	R020HM		23140040	+ 02000			A PS

[illegible]

SUSAP KTEBK6GRW06 0060130602 N40504821W074041307+0000 -0030400006000053150I

[illegible]

SUSAP KTEBK6SRW06 K6PG 0 18018002925 M

QUALITY
6
CHECKED

SUP:	
AMDT:	ORIG
DATED:	09-24-2009

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

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ARINC FLIGHT INSPECTION SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COATE	COATE	010		IF		FB				
	COATE	ELIZE	020	IAF	TF		FB	1.0	188.4 (176T)	013.4	AA 03000
	COATE	GUZTI	030		TF		FB	0.5	140.1 (128T)	019.7	AA 03000
	SBJ	SBJ	010	IAF	IF		FB				
	SBJ	GUZTI	020		TF		FB	0.5	079.6 (068T)	020.0	AA 03000
	STW	STW	010		IF		FB				
	STW	ELIZE	020	IAF	TF		FB	1.0	131.5 (120T)	010.1	AA 03000
	STW	GUZTI	030		TF		FB	0.5	140.1 (128T)	019.7	AA 03000
		GUZTI	010	FACF	IF		FB				AA 03000
		CATXO	011		TF		FB	0.3	054.2 (042T)	005.6	AA 02000
		HOLUR	012		RF	R	FB	0.3		003.1	AA 01700
		EVEGE	020	FAF	TF		FB	0.3	094.3 (082T)	002.0	AA 01500
		AWKEB	021		TF		FB	0.3	094.3 (082T)	000.6	
		OFFEC	022		RF	L	FB	0.3		001.2	
		RW06	030	MAP	TF		FO	0.3	060.1 (048T)	002.7	AT 00059

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PIXDY	040		TF		FB	1.0	060.2 (048T)	004.3	
	ANGLE	050		TF		FO	1.0	038.8 (027T)	001.6	AA 02000
	ANGLE	060		HM	R	FO	2.0	231.4 (219T)	004.0	AA 02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SBJ	N403458.96	W0744430.46	N4034.983	W07444.508
	STW	N405944.95	W0745208.51	N4059.749	W07452.142
	AMYIC	N405025.63	W0740834.83	N4050.427	W07408.581
	ANGLE	N405506.90	W0735902.08	N4055.115	W07359.035
	AWKEB	N404830.81	W0740814.38	N4048.514	W07408.240
	CATXO	N404643.69	W0741513.15	N4046.728	W07415.219
	COATE	N410810.42	W0744142.60	N4108.174	W07441.710
	ELIZE	N405446.70	W0744036.08	N4054.778	W07440.601
	EVEGE	N404825.98	W0740901.37	N4048.433	W07409.023
	GUZTI	N404234.71	W0742010.23	N4042.579	W07420.171
	HEPTI	N404342.11	W0741050.07	N4043.702	W07410.835
	HOLUR	N404809.82	W0741137.96	N4048.164	W07411.633
	OFFEC	N404859.37	W0740652.98	N4048.990	W07406.883
	PIXDY	N405340.20	W0735959.90	N4053.670	W07359.998
	RW06	N405048.21	W0740413.07	N4050.804	W07404.218

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH

QUALITY
CHECKED

CITY AND STATE TETERBORO, NJ	ELEVATION: 9	TDZE: 6	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 6, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: TETERBORO				AMDT: ORIG
					DATED: 09-24-2009

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

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RW06 00006 53

CHECKED
9
QUALITY

CITY AND STATE TETERBORO, NJ	ELEVATION: 9	TDZE: 6	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 6, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: TETERBORO	AMDT: ORIG			
	DATED: 09-24-2009				

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	
JHW VOR/DME	KRAUS INT/I-JHW 6.45 DME	348.42 / 1.32	3800	ILS: DA LOC: 6.28 MILES AFTER KRAUS INT/I-JHW 6.45 DME OR AT I-JHW 0.18 DME FIX CLIMB TO 2320 THEN CLIMBING RIGHT TURN TO 3800 VIA HEADING 125 AND I-JHW NE COURSE TO KRAUS INT/I-JHW 6.45 DME AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1752 TREE 420918N/0791450W CHART 1939 TREE 421258N/0790849W. CHART BRENA OM SUBDUED. CHART VDP AT 1.14 DME; DISTANCE VDP TO THLD 0.97 MILES.
DKK VORTAC	NOZLE/DKK 11.00 DME	166.23 / 11.00	4000	
NOZLE/DKK 11.00 DME	KRAUS INT/I-JHW 6.45 DME	166.23 / 7.02 (DKK R-166)	3800	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E KRAUS, RT, 248.97 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
- FAC: 248.97 FAF: KRAUS INT/I-JHW 6.45 DME DIST FAF TO MAP: 6.28 THLD: 6.28
- MIN. ALT: KRAUS 3800, DIPRE/2.27 DME 2260*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 1025
- MIN GS INCPT: 3800 GS ALT AT: KRAUS INT/I-JHW 6.45 DME 3800 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 47.8
- MSA FROM: JHW VOR/DME 155-315 3500, 315-155 3900

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		ILS: STANDARD #	LOC: STANDARD @							
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25	1921	1/2	200	1921	1/2	200	1921	1/2	200	1921	1/2	200			
S-LOC 25	2260	1/2	539	2260	1/2	539	2260	1	539	2260	1 1/4	539			
CIRCLING	2260	1	537	2260	1	537	2260	1 1/2	537	2280	2	557			

DIPRE FIX MINIMUMS

S-LOC 25	2080	1/2	359	2080	1/2	359	2080	1/2	359	2080	3/4	359			
CIRCLING	2180	1	457	2180	1	457	2240	1 1/2	517	2280	2	557			

NOTES:

*LOC ONLY

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

*2460 WHEN USING DUNKIRK ALTIMETER SETTING.

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

S-ILS 25 DA TO 2113 AND ALL MDA 200 FEET; INCREASE S-ILS 25 ALL CATS VISIBILITY 1/2 MILE;

SEE 8260-10

CITY AND STATE	ELEVATION: 1723 TDZE: 1721	FACILITY IDENTIFIER: I-JHW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 25, AMDT 7 17 DEC 2009	SUP: ILS RWY 25
JAMESTOWN, NY	AIRPORT NAME: CHAUTAUQUA COUNTY/JAMESTOWN			AMDT: 6
				DATED 04/18/2002

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

INCREASE S-LOC 25 CATS C AND D, CIRCLING CATS C AND D, DIPRE FIX MINIMUMS S-LOC 25 CATS C AND D, AND DIPRE FIX MINIMUMS CIRCLING CATS C AND D VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALS R WHEN USING DUNKIRK ALTIMETER SETTING, INCREASE S-ILS 25 ALL CATS VISIBILITY 1/2 MILE.

CHART NOTE: VDP NA WHEN USING DUNKIRK ALTIMETER SETTING.



CITY AND STATE
JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1721
AIRPORT NAME:
CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:
I-JHW

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 25, AMDT 7
17 DEC 2009

SUP: ILS RWY 25
AMDT: 6
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	LNAV: RW07
IXADY (IAF)	GUKBE (NOPT) (FB)	158.77 / 5.00	4000	CLIMB TO 4000 DIRECT OYNEM AND HOLD.
IXFAQ (IAF)	GUKBE (NOPT) (FB)	338.85 / 5.00	4000	
GUKBE (IF/IAF)	EWUHY (FB)	068.81 / 6.10	3400	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 249.13 INBOUND. CHART FAS OBST: 1819 TREE 420920N/0791628W EWUHY TO RW07: 3.04/52.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W GUKBE, RT, 068.81 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 068.88 FAF: EWUHY DIST FAF TO MAP: 5.04 THLD: 5.04
- MIN. ALT: GUKBE 4000, EWUHY 3400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 10W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		STANDARD @									
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	2120	1	398	2120	1	398	2120	1	398	2120	1 1/4	398				
CIRCLING	2180	1	457	2180	1	457	2240	1 1/2	517	2280	2	557				

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 DUNKIRK ALTIMETER SETTING AND INCREASE ALL MDA 200 FEET; INCREASE LNAV CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1723 TOZE: 1722	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, AMDT 1 17 DEC 2009	SUP:
JAMESTOWN, NY	AIRPORT NAME: CHAUTAUQUA COUNTY/JAMESTOWN			AMDT: ORIG
				DATED 04/18/2002

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.	339/30 CW 159/30 (NOPT)	GUKBE (IF/IAF) (FB)	4000
2.	159/30 CW 249/30	IXADY (IAF) (FB)	4000
3.	249/30 CW 339/30	IXFAQ (IAF) (FB)	4000

CITY AND STATE

JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1722

AIRPORT NAME:

CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 04/18/2002

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]

SUP:	
AMDT:	ORIG
DATED:	04/19/2002

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GUKBE	GUKBE	010		HF	R	FB		068.8(059T)	004.0	04000
	IXADY	IXADY	010	IAP	IF		FB				
	IXADY	GUKBE	020		TF		FB	1.0	158.8(149T)	005.0	04000
	IXFAQ	IXFAQ	010	IAP	IF		FB				
	IXFAQ	GUKBE	020		TF		FB	1.0	338.9(329T)	005.0	04000
		GUKBE	010	FACF	IF		FB				04000
		EWUHY	020	FAP	TF		FB	0.5	068.8(059T)	006.1	03400
		RW07	030	MAP	TF		FO	0.3	068.9(059T)	005.0	01773

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OYNEM	040		DF		FO	1.0			04000
	OYNEM	050		HM	R	FO	2.0	249.1(239T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWUHY	N420617.20	W0792153.20	N4206.287	W07921.887
	GUKBE	N420307.75	W0792853.86	N4203.129	W07928.898
	IXADY	N420724.44	W0793222.64	N4207.407	W07932.377
	IXFAQ	N415850.95	W0792525.55	N4158.849	W07925.426
	OYNEM	N421542.51	W0790047.74	N4215.709	W07900.796
	RW07	N420853.36	W0791605.22	N4208.889	W07916.087

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	01721	52

CITY AND STATE
JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1722
 AIRPORT NAME:
 CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 7, AMDT 1
 17 DEC 2009

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

Quoted

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: RW25 CLIMB TO 4000 DIRECT GUKBE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 068.81 INBOUND. CHART FAS OBST: 1799 TREE 420854N/0791437W CHART FAS OBST: 1831 OL TK 420930N/0791521W DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.05 MILES TO RW25* *LNAV ONLY. WAAS CHANNEL # 62910 REFERENCE PATH ID: W25A	
NEQWU (IAF)	OYNEM (NOPT) (FB)	339.17 / 5.00	4000		
MOYVY (IAF)	OYNEM (NOPT) (FB)	159.09 / 5.00	4000		
OYNEM (IF/IAF)	KRAUS (FB)	249.13 / 6.10	3800		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E OYNEM, RT, 249.13 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>249.05</u> FAF: <u>KRAUS</u> DIST FAF TO MAP: <u>6.28</u> THLD: <u>6.28</u> 4. MIN. ALT: <u>OYNEM 4000, KRAUS 3800, DIPRE/2.10 NM TO RW25 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>3800</u> GS ALT AT: <u>KRAUS 3800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>47.8</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 10W EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1921	1/2	200	1921	1/2
LNAV/VNAV DA	2054	3/4	333	2054	3/4
LNAV MDA	2100	1/2	379	2100	1/2
CIRCLING	2180	1	457	2180	1
	2240	1 1/2	517	2280	2
	557				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 45C (113F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DUNKIRK ALTIMETER SETTING AND INCREASE SEE 8260-10					
CITY AND STATE		ELEVATION: 1723 TDZE: 1721		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JAMESTOWN, NY		AIRPORT NAME:		RNAV (GPS) RWY 25, AMDT 1	
		CHAUTAUQUA COUNTY/JAMESTOWN		17 DEC 2009	
		FACILITY IDENTIFIER: RNAV		SUP: RNAV (GPS) 2 RWY 25	
				AMDT: ORIG	
				DATED 04/18/2002	

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

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NOTES CONT.

LPV DA TO 2113, LNAV/VNAV DA TO 2246, AND ALL MDA 200 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C, AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE; INCREASE LNAV CAT D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DUNKIRK ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE.

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

TAA

	FROM	TO	ALT
1.	159/30 CW 339/30 (NOPT)	OYNEM (IF/IAF) (FB)	4000
2.	339/30 CW 069/30	NEQWU (IAF) (FB)	4000
3.	069/30 CW 159/30	MOYVY (IAF) (FB)	4000

CITY AND STATE

JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1721

AIRPORT NAME:

CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, AMDT 1

17 DEC 2009

SUP: RNAV (GPS) Z RWY
25

AMDT: ORIG

DATED: 04/18/2002

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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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJHW
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	420920.3500N
LTP/FTP LONGITUDE	0791504.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+04903
FPAP LATITUDE	420853.3100N
FPAP LONGITUDE	0791605.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00047.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	100.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B8509C33

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+05239
FPAP ORTHOMETRIC HEIGHT	+05239

CITY AND STATE JAMESTOWN, NY	ELEVATION: 1723 TDZE: 1721	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, AMDT 1 17 DEC 2009	SUP: RNAV (GPS) Z RWY 25
	AIRPORT NAME: CHAUTAUQUA COUNTY/JAMESTOWN			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]

CITY AND STATE JAMESTOWN, NY	ELEVATION: 1723 TDZE: 1721 AIRPORT NAME: CHAUTAUQUA COUNTY/JAMESTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, AMDT 1 17 DEC 2009	SUP: RNAV (GPS) Z RWY 25
				AMDT: ORIG
				DATED: 04/18/2002

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

SUSAP KJHWK6PR25 RW25 001 0000W25A0N4209203500W07915049500+049030300N4208533100W07916053300100750000000478F350500B8509C33
SUSAP KJHWK6PR25 RW25 002E +05239+C5239LPV 62910 000

CITY AND STATE

JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1721

AIRPORT NAME:

CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, AMDT 1

17 DEC 2009

SUP: RNAV (GPS) Z RWY
25

AMDT: ORIG

DATED: 04/18/2002

CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MOYVY	MOYVY	010	IAF	IF		FB				
	MOYVY	OYNEM	020		TF		FB	1.0	159.1 (149T)	005.0	04000
	NEQWU	NEQWU	010	IAF	IF		FB				
	NEQWU	OYNEM	020		TF		FB	1.0	339.2 (329T)	005.0	04000
	OYNEM	OYNEM	010		HF	R	FB		249.1 (239T)	004.0	04000
		OYNEM	010	FACF	IF		FB				04000
		KRAUS	020	FAP	TF		FB	0.5	249.1 (239T)	006.1	03800
		DIPRE	021	SDF	TF		FB	0.3	249.1 (239T)	004.2	02440
		RW25	030	MAP	TF		PO	0.3	249.1 (239T)	002.1	01767

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GUKBE	040		DF		FO	1.0			04000
	GUKBE	050		HM	R	FO	2.0	068.8 (059T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DIPRE	N421025.30	W0791239.75	N4210.422	W07912.663
	GUKBE	N420307.75	W0792853.86	N4203.129	W07928.898
	KRAUS	N421234.31	W0790750.75	N4212.572	W07907.846
	MOYVY	N422000.05	W0790415.28	N4220.001	W07904.255
	NEQWU	N421124.86	W0785720.67	N4211.414	W07857.345
	OYNEM	N421542.51	W0790047.74	N4215.709	W07900.796
	RW25	N420920.35	W0791504.95	N4209.339	W07915.083

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW25	01719	48

CITY AND STATE
JAMESTOWN, NY

ELEVATION: 1723 TDZE: 1721
 AIRPORT NAME:
 CHAUTAUQUA COUNTY/JAMESTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 25, AMDT 1
 17 DEC 2009

SUP: RNAV (GPS) Z RWY 25
AMDT: ORIG
DATED: 04/18/2002

4
 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

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 17 DEC 2009

CITY AND STATE JAMESTOWN, NY	ELEVATION: 1723 TDZE: 1721 AIRPORT NAME: CHAUTAUQUA COUNTY/JAMESTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 25, ORIG, 04/18/2002	SUP: AMDT: NONE DATED

4
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 05, 09, 27 STANDARD.

RWY 23, 300-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 240 FEET PER NM TO 800.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 05, ANTENNA ON BUILDING 291' FROM DER, 267' RIGHT OF CENTERLINE, 9' AGL/238' MSL. OBSTRUCTION LIGHT ON LOCALIZER 347' FROM DER, ON CENTERLINE, 7' AGL/241' MSL. TREES BEGINNING 551' FROM DER, 514' LEFT OF CENTERLINE, UP TO 75' AGL/324' MSL. TREES BEGINNING 825' FROM DER, 516' RIGHT OF CENTERLINE, UP TO 56' AGL/292' MSL. NOTE: RWY 09, BUSHES AND TREES BEGINNING 371' FROM DER, 142' LEFT OF CENTERLINE, UP TO 64' AGL/303' MSL. TREES BEGINNING 784' FROM DER, 51' RIGHT OF CENTERLINE, UP TO 73' AGL/312' MSL. NOTE: RWY 23, TREES, BUILDINGS AND POLES BEGINNING 1002' FROM DER, 249' LEFT OF CENTERLINE, UP TO 76' AGL/257' MSL. TREES BEGINNING 2233' FEET FROM DER, 878' RIGHT OF CENTERLINE, UP TO 60' AGL/277' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 23: 596 MSL TOWER, 445411.00N-0745301.00W.



(5) City, State MASSENA, NY	(6) Airport MASSENA INTL-RICHARDS FIELD	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 8

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.

(3) TAKEOFF OBSTACLES CONTINUED...

LIGHT ON TOWER 2.1 NM FROM DER, 2453' RIGHT OF CENTERLINE, 388' AGL/596' MSL.

NOTE: RWY 27, TREES BEGINNING 341' FROM DER, 341' LEFT OF CENTERLINE, UP TO 81' AGL/292' MSL. TREES BEGINNING 499' FROM DER, 289' RIGHT OF CENTERLINE, UP TO 100' AGL/329' MSL.

QUALITY
CHECKED

City, State MASSENA, NY		Airport MASSENA INTL-RICHARDS FIELD			Effective Date 17 DEC 2009	Amdt. No. 8
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV **STANDARD INSTRUMENT APPROACH PROCEDURE**
FLIGHT STANDARDS SERVICES

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NOTES: (CONT FROM PAGE 1): FOR INOPERATIVE MALSR, INCREASE RNP 0.20 DA VISIBILITY TO RVR 5000 ALL CATS, RNP 0.30 DA*** VISIBILITY TO RVR 5000 ALL CATS, RNP 0.30 DA VISIBILITY TO 1 1/2 ALL CATS.

CHART IN PLANVIEW AT CATOD: MAX 210

CHART IN PLANVIEW AT WETIL: MAX 200

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F. KENNEDY INTERNATIONAL	RNAV	17 DEC 2009 RNAV (RNP) Z RWY 31R, ORIG-A	AMDT: ORIG
				DATED: 09/25/2008

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KJFKK6FR31RZ	ADPK	010DPK	K6D OV	A	IF				18000		A	PS
SUSAP	KJFKK6FR31RZ	ADPK	020CATODK6EA0EE	B	010TF		22960184	+ 03000		210		A-PS	
SUSAP	KJFKK6FR31RZ	R	010CATODK6EA0E	I	IF			+ 03000		18000210		A-PS	
SUSAP	KJFKK6FR31RZ	R	020ZULASK6EA1E	F	010TF		31490063	+ 01900			RW31RAK6PGA	PS	
SUSAP	KJFKK6FR31RZ	R	020ZULABK6EA2W						A031A021			PS	
SUSAP	KJFKK6FR31RZ	R	030RW31RK6PG0G	M	031TF		31490057	00062		-300		A	PS
SUSAP	KJFKK6FR31RZ	R	040ZARGAK6EA0E	M	031TF		31480006			200		A-PS	
SUSAP	KJFKK6FR31RZ	R	050TENREK6EA0E	L031RF		0037003148	25480039			200	NIYIY K6EAA-	PS	
SUSAP	KJFKK6FR31RZ	R	060WETILK6EA0E	L051RF		0050002548	22720024			200	OYUYI K6EAA-	PS	
SUSAP	KJFKK6FR31RZ	R	070COL	K6D OVY	010TF		22720224	+ 04000				A	PS
SUSAP	KJFKK6FR31RZ	R	080COL	K6D OVE	R020HM		19300040	+ 04000				A	PS

[illegible][illegible]

CITY AND STATE NEW YORK, NY	ELEVATION: 13	TDZE: 13	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME: JOHN F KENNEDY INTL			RNAV (RNP) Z RWY 31R, ORIG-A	AMDT: ORIG
				17 DEC 2009	DATED:

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

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SUSAP KJFKK6SRW31RK6PGA

0 18018002925

M



CITY AND STATE
NEW YORK, NY

ELEVATION: 13 TDZE: 13
AIRPORT NAME:
JOHN F KENNEDY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 31R, ORIG-A
17 DEC 2009

SUP:
AMDT: ORIG
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DPK	DPK	010	IAP	IF		FB				
	DPK	CATOD	020		TF		FB	1.0	229.6(216T)	018.4	AA 03000
		CATOD	010	FACF	IF		FB				AA 03000
		ZULAB	020	FAF	TF		FB	1.0	314.9(301T)	006.3	AA 01900
		RW31R	030	MAP	TF		FB	0.3	314.9(301T)	005.7	AT 00062

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZARGA	040		TF		FB	0.3	314.8(301T)	000.6	
	TENRE	050		RF	L	FB	0.3		003.9	
	WETIL	060		RF	L	FB	0.5		002.4	
	COL	070		TF		FO	1.0	227.2(213T)	022.4	AA 04000
	COL	080		HM	R	FO	2.0	193.0(179T)	004.0	AA 04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COL	N401842.00	W0740935.11	N4018.700	W07409.585
	DPK	N404730.36	W0731813.24	N4047.506	W07318.221
	CATOD	N403233.38	W0733214.04	N4032.556	W07332.234
	NIYIY	N403550.18	W0734854.64	N4035.836	W07348.911
	OYUYI	N403441.99	W0734804.83	N4034.700	W07348.081
	TENRE	N403904.04	W0735117.00	N4039.067	W07351.283
	WETIL	N403726.30	W0735334.45	N4037.438	W07353.574
	ZARGA	N403901.05	W0734625.48	N4039.018	W07346.425
	ZULAB	N403547.99	W0733920.65	N4035.800	W07339.344
	RW31R	N403842.61	W0734544.85	N4038.710	W07345.748

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW31R	00013	49

QUALITY
6
CHECKED

CITY AND STATE NEW YORK, NY	ELEVATION: 13	TDZE: 13	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 31R, ORIG-A 17 DEC 2009	SUP:
	AIRPORT NAME: JOHN F KENNEDY INTL				AMDT: ORIG
					DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
RID VORTAC	SGH VOR/DME	086.61 / 46.22	3000	ILS: DA LOC: 5.65 MILES AFTER JENAT INT/SPRINGFIELD 6.84 DME/RADAR OR AT SGH VOR/DME 1.19 DME FIX CLIMB TO 3000 THEN LEFT TURN DIRECT SGH VOR/DME AND HOLD. (TACAN AIRCRAFT CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 VIA ROD VORTAC R-169 TO HEDEE INT/ROD 40.49 DME AND HOLD S, LT, 349.22 INBOUND); OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 4000 VIA ROD VORTAC R-169 TO HEDEE INT/ROD 40.49 DME AND HOLD S, LT, 349.22 INBOUND. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 236.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S HEDEE INT/ROD VORTAC 40.49 DME, LT, 349.22 INBOUND. CHART FAS OBST: 1133 TREE 395121N/0834911W CHART 1250 TOWER 395340N/0834326W. CHART IN PLANVIEW: HEDEE INT/ROD VORTAC 40.49 DME. CHART IN PLANVIEW: MAXIMUM HOLDING AIRSPEED 230 KIAS.
DQN VOR/DME	SGH VOR/DME	113.77 / 27.67	3000	
ROD VORTAC	SGH VOR/DME	166.29 / 28.55	3000	
SHIRT INT/APE 55.00 DME	SGH VOR/DME	317.83 / 17.59	3000	
SGH VOR/DME	JENAT INT/SGH VOR/DME 6.84 DME/RADAR	057.32 / 6.84	3000	

- PT R SIDE OF COURSE 058.19 OUTBOUND 3000 FT WITHIN 15 MILES OF JENAT (IAF)
-
- FAC: 238.19 FAF: JENAT INT/SGH VOR/DME 6.84 DME/RADAR DIST FAF TO MAP: 5.65 THLD: 5.65
- MIN. ALT: JENAT 2800, COBAG/SGH VOR/DME 3.09 DME/RADAR 1600*
- DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1129
- MIN GS INCPT: 2800 GS ALT AT: JENAT INT/SGH VOR/DME 6.84 CONT. OM: - MM: - IM: -
- GS ANGLE: 2.80 TCH: 54.6
- MSA FROM: SGH VOR/DME 3100

MAG VAR: 4W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		ILS: STANDARD #	LOC: STANDARD @								
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 24		1248	1/2	200	1248	1/2	200	1248	1/2	200	1248	1/2	200	1248	1/2	200
S-LOC 24		1600	1/2	552	1600	1/2	552	1600	1	552	1600	1 1/4	552	1600	1 1/2	552
CIRCLING		1600	1	549	1600	1	549	1600	1 1/2	549	1620	2	569	1900	3	849
COBAG FIX MINIMUMS																
S-LOC 24		1420	1/2	372	1420	1/2	372	1420	1/2	372	1420	3/4	372	1420	3/4	372
CIRCLING		1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569	1900	3	849

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

*LOC ONLY

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING

SEE 8260-10

@ CAT E 900-3

CAT E 900-3

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY
2
CHECKED

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1048 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: I-SGH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 2 17 DEC 2009	SUP: AMDT: 1 DATED 06/05/2008

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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LINE 6 GS ALT AT CONT. DME/RADAR 2800

NOTES CONT.

AND INCREASE ALL DA 55 FT AND ALL MDA 60 FT AND S-LOC 24 CATS C, D, AND E AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: COBAG FIX MINIMUMS: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE S-LOC 24 CAT C, D, AND E VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 1 MILE AND S-LOC 24 CAT E VISIBILITY TO 2 1/4 MILE.

CHART NOTE: COBAG FIX MINIMUMS: FOR INOPERATIVE ALSF-2/SSALR WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING INCREASE S-LOC 24 CAT E VISIBILITY TO 1 1/2 MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, INCREASE S-ILS 24 CAT E VISIBILITY TO 3/4 MILE AND S-LOC 24 CAT E VISIBILITY TO 2 MILES.

CHART NOTE: COBAG FIX MINIMUMS: FOR INOPERATIVE ALSF-2/SSALR, INCREASE S-LOC 24 CAT E VISIBILITY TO 1 1/4 MILE.

*1660 WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING.

QUALITY
2
CHECKED

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1048 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: I-SGH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 24, AMDT 2 17 DEC 2009	SUP:
				AMDT: 1
				DATED: 06/05/2008

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: 2.56 MILES AFTER CCJ NDB							
ROD VORTAC		CCJ NDB		158.86 / 27.64				3000		CLIMB TO 2900 THEN LEFT TURN DIRECT CCJ NDB AND HOLD.							
										ADDITIONAL FLIGHT DATA: HOLD NE, LT, 239.70 INBOUND. CHART FAS OBST: 1192 TOWER 395259N/0834817W CCJ NDB TO RW24: 3.71/54.							
1. PT <u>R</u> SIDE OF COURSE <u>059.70</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>CCJ NDB</u> (IAF) 2. _____ 3. FAC <u>239.70</u> FAF <u>CCJ NDB</u> DIST FAF TO MAP <u>2.56</u> THLD <u>2.56</u> 4. MIN. ALT <u>DEFWO INT 2300, CCJ NDB 2100</u> 8. MSA FROM: <u>CCJ NDB 3100</u>														MAG VAR: 4W		EPOCH YEAR: 1985	
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-24		1500	3/4	452	1500	3/4	452	1500	3/4	452	1500	1 1/4	452				
CIRCLING		1500	1	449	1520	1	469	1520	1 1/2	469	1620	2	569				
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND S-24 CATS C AND D VISIBILITY 1/4 MILE.																	
CITY AND STATE		ELEVATION: 1051 TDZE: 1048		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP NDB OR GPS RWY							
SPRINGFIELD, OH		AIRPORT NAME:		CCJ		NDB RWY 24, AMDT 17				24							
		SPRINGFIELD-BECKLEY MUNI				17 DEC 2009				AMDT		16A					
										DATE		03/15/2007					

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												
LATGY (IAF)	NAMGE (NOPT) (FB)	328.09 / 5.00	2800	LPV: DA LNAV/VNAV: DA LNAV: RW06 CLIMB TO 3000 DIRECT CEVKI AND RIGHT TURN VIA TRACK 170.56 TO ANDII AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 328.00 INBOUND. CHART FAS OBST: 1159 TREE 395015N/0835119W CHART FAS OBST: 1185 TOWER 394835N/0835241W 1249 AAO 394714N/0835651W. DISTANCE TO THLD FROM 303 HAT: 0.81 NM. CHART VDP AT 1.27 MILES TO RW06* *LNAV ONLY. WAAS CHANNEL # 58115 REFERENCE PATH ID: W06A											
HAPOB (IAF)	NAMGE (NOPT) (FB)	148.01 / 5.00	2800												
NAMGE (IF/IAF)	KAPTE (FB)	058.05 / 6.03	2800												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW NAMGE, RT, 058.05 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>058.12</u> FAF: <u>KAPTE</u> DIST FAF TO MAP: <u>5.27</u> THLD: <u>5.27</u> 4. MIN. ALT: <u>NAMGE 2800, KAPTE 2800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>KAPTE</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 NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: <u>4W</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	DH/MDA	VIS	HAT/HAA
LPV DA	1354	1	303	1354	1	303	1354	1	303	1354	1	303			
LNAV/VNAV DA	1429	1 1/4	378	1429	1 1/4	378	1429	1 1/4	378	1429	1 1/4	378			
LNAV MDA	1500	1	449	1500	1	449	1500	1 1/4	449	1500	1 1/2	449			
CIRCLING	1500	1	449	1520	1	469	1520	1 1/2	469	1620	2	569			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING SEE 8260-10															
CITY AND STATE		ELEVATION: 1051 TDZE: 1051		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SPRINGFIELD, OH		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 6, ORIG				AMDT: NONE					
		SPRINGFIELD-BECKLEY MUNI				17 DEC 2009				DATED					

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.

AND INCREASE ALL DA 55 FT AND ALL MDA 60 FT, AND INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CAT C VISIBILITIES 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	328/30 CW 148/30 (NOPT)	328/7 CW 148/7	3100
2.	328/7 CW 148/7	NAMGE (IF/IAF) (FB)	2800
3.	148/30 CW 238/30	HAPOB (IAF) (FB)	2900
4.	238/30 CW 328/30	LATGY (IAF) (FB)	2900

QUALITY
2
CHECKED

CITY AND STATE

SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1051

AIRPORT NAME:

SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KSGH
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	395006.2425N
LTP/FTP LONGITUDE	0835105.0105W
LTP/FTP ELLIPSOIDAL HEIGHT	+02873
FPAP LATITUDE	395058.4200N
FPAP LONGITUDE	0834931.2000W
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	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5CE467F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03204
FPAP ORTHOMETRIC HEIGHT	+03204

QUALITY
2
CHECKED

CITY AND STATE
SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1051
AIRPORT NAME:
SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 6, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSGHK5FR06	AHAPOB	010HAPOBK5EA0E	A	IF					18000			A	JS
SUSAP KSGHK5FR06	AHAPOB	020NAMGEK5EA0EE		010TF		14800050		+ 02800				A	JS
SUSAP KSGHK5FR06	ALATGY	010LATGYK5EA0E	A	IF					18000			A	JS
SUSAP KSGHK5FR06	ALATGY	020NAMGEK5EA0EE		010TF		32810050		+ 02800				A	JS
SUSAP KSGHK5FR06	ANAMGE	010NAMGEK5EA0EE	AR	HF		05810060		+ 02800	18000			A	JS
SUSAP KSGHK5FR06	R	010NAMGEK5EA0E	I	IF				+ 02800	18000			A	JS
SUSAP KSGHK5FR06	R	020KAPTEK5EA1E	F	051TF		05810060		+ 02800				A	JS
SUSAP KSGHK5FR06	R	020KAPTEK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSGHK5FR06	R	030RW06	K5PG0GY	M 031TF		05810053		01096		-300		A	JS
SUSAP KSGHK5FR06	R	040CEVKIK5EA0E	M	010DF								A	JS
SUSAP KSGHK5FR06	R	050ANDIIK5EA0EY	R010TFY			1706		+ 03000				A	JS
SUSAP KSGHK5FR06	R	060ANDIIK5EA0EE	L020HM			32800060		+ 03000				A	JS

[illegible]

QUALITY
CHECKED

SUP:	
AMDT:	NONE
DATED:	

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

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1051 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
CHECKED

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAPOB	HAPOB	010	IAF	IF		FB				
	HAPOB	NAMGE	020		TF		FB	1.0	148.0 (144T)	005.0	02800
	LATGY	LATGY	010	IAF	IF		FB				
	LATGY	NAMGE	020		TF		FB	1.0	328.1 (324T)	005.0	02800
	NAMGE	NAMGE	010	IAF	HF	R	FO		058.1 (054T)	006.0	02800
		NAMGE	010	FACF	IF		FB				02800
		KAPTE	020	FAF	TF		FB	0.5	058.1 (054T)	006.0	02800
		RW06	030	MAP	TF		FO	0.3	058.1 (054T)	005.3	01096

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CEVKI	040		DF		FB	1.0			
	ANDII	050		TF	R	FO	1.0	170.6 (167T)		03000
	ANDII	060		HM	L	FO	2.0	328.0 (324T)	006.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANDII	N393808.00	W0833901.50	N3938.133	W08339.025
	CEVKI	N395404.03	W0834356.94	N3954.067	W08343.949
	HAPOB	N394731.51	W0840646.03	N3947.525	W08406.767
	KAPTE	N394700.80	W0835637.78	N3947.013	W08356.630
	LATGY	N393925.40	W0835909.49	N3939.423	W08359.158
	NAMGE	N394328.52	W0840257.54	N3943.475	W08402.959
	RW06	N395006.24	W0835105.01	N3950.104	W08351.084

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01051	45

QUALITY
CHECKED

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1051	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI			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												
JAKEK (IAF)	FASVU (NOPT) (FB)	328.36 / 5.00	3000	LPV: DA LNAV/VNAV: DA LNAV: RW24 CLIMB TO 3000 DIRECT KAPTE AND LEFT TURN VIA TRACK 127.05 TO ANDH AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 328.00 INBOUND. CHART FAS OBST: 1133 TREE 395121N/0834911W CHART 1250 TOWER 395340N/0834326W. DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 0.97 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 97615 REFERENCE PATH ID: W24A											
GEBGE (IAF)	FASVU (NOPT) (FB)	148.28 / 5.00	3000												
FASVU (IF/IAF)	CEVKI (FB)	238.32 / 6.01	2800												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE FASVU, RT, 238.32 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 238.25 FAF: CEVKI DIST FAF TO MAP: 5.29 THLD: 5.29 4. MIN. ALT: FASVU 3000, CEVKI 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2800 GS ALT AT: CEVKI OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 4W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A		B		C		D	E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1248	1/2	200	1248	1/2	200	1248	1/2	200	1248	1/2	200			
LNAV/VNAV DA	1398	3/4	350	1398	3/4	350	1398	3/4	350	1398	3/4	350			
LNAV MDA	1400	1/2	352	1400	1/2	352	1400	1/2	352	1400	1	352			
CIRCLING	1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE ALL DA 55 FT AND ALL MDA 60 FT, LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITIES 1/4 SEE 8260-10															
CITY AND STATE		ELEVATION: 1051 TDZE: 1048		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
SPRINGFIELD, OH		AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI				RNAV (GPS) RWY 24, ORIG 17 DEC 2009				AMDT: NONE					
										DATED					

QUALITY
2
CHECKED

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

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NOTES CONT.**MILE.**

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

CHART NOTE: FOR INOPERATIVE ALSF-2/SSALR, WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE AND LNAV CAT D VISIBILITY TO 1 1/4 MILE.

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

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

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	148/30 CW 328/30 (NOPT)	FASVU (IF/IAF) (FB)	3000
2.	328/30 CW 058/30	JAKEK (IAF) (FB)	3000
3.	058/30 CW 148/30	058/26 CW 148/26	3100
4.	058/26 CW 148/26	GEBGE (IAF) (FB)	3000

QUALITY
2
CHECKED

CITY AND STATE
SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1048
AIRPORT NAME:
SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSGH
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	395058.3385N
LTP/FTP LONGITUDE	0834931.3500W
LTP/FTP ELLIPSOIDAL HEIGHT	+02829
FPAP LATITUDE	395004.5600N
FPAP LONGITUDE	0835108.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

CC5C09F1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03160
FPAP ORTHOMETRIC HEIGHT	+03160

QUALITY
2
CHECKED

CITY AND STATE SPRINGFIELD, OH	ELEVATION: 1051 TDZE: 1048 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSGHK5FR24	AFASVU	010FASVUK5EA0EE	AR	HF		23830060	+	03000	18000		A	JS
SUSAP	KSGHK5FR24	AGEBGE	010GEBGEK5EA0E	A	IF					18000		A	JS
SUSAP	KSGHK5FR24	AGEBGE	020FASVUK5EA0EE		010TF		14830050	+	03000			A	JS
SUSAP	KSGHK5FR24	AJAKEK	010JAKEKK5EA0E	A	IF					18000		A	JS
SUSAP	KSGHK5FR24	AJAKEK	020FASVUK5EA0EE		010TF		32840050	+	03000			A	JS
SUSAP	KSGHK5FR24	R	010FASVUK5EA0E	I	IF					18000		A	JS
SUSAP	KSGHK5FR24	R	020CEVKIK5EA1E	F	051TF		23830060	+	02800			A	JS
SUSAP	KSGHK5FR24	R	020CEVKIK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KSGHK5FR24	R	030RW24	K5PG0GY	M	031TF			01091		-300	A	JS
SUSAP	KSGHK5FR24	R	040KAPTEK5EA0E	M	010DF							A	JS
SUSAP	KSGHK5FR24	R	050ANDIIK5EA0EY		L010TFY		1271	+	03000			A	JS
SUSAP	KSGHK5FR24	R	060ANDIIK5EA0EE		L020HM		32800060	+	03000			A	JS

[illegible]

QUALITY
1
CHECKED

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
COURTESY

SUP:	
AMDT:	NONE
DATED:	

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FASVU	FASVU	010	IAF	HF	R	FO		238.3 (234T)	006.0	03000
	GEBGE	GEBGE	010	IAF	IF		FB				
	GEBGE	FASVU	020		TF		FB	1.0	148.3 (144T)	005.0	03000
	JAKEK	JAKEK	010	IAF	IF		FB				
	JAKEK	FASVU	020		TF		FB	1.0	328.4 (324T)	005.0	03000
		FASVU	010	FACF	IF		FB				03000
		CEVKI	020	FAP	TF		FB	0.5	238.3 (234T)	006.0	02800
		RW24	030	MAP	TF		FO	0.3	238.3 (234T)	005.3	01091

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KAPTE	040		DF		FB	1.0			
	ANDII	050		TF	L	FO	1.0	127.1 (123T)		03000
	ANDII	060		HM	L	FO	2.0	328.0 (324T)	006.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANDII	N393808.00	W0833901.50	N3938.133	W08339.025
	CEVKI	N395404.03	W0834356.94	N3954.067	W08343.949
	FASVU	N395734.74	W0833736.29	N3957.579	W08337.605
	GEBGE	N400138.55	W0834124.07	N4001.643	W08341.401
	JAKEK	N395330.80	W0833348.96	N3953.513	W08333.816
	KAPTE	N394700.80	W0835637.78	N3947.013	W08356.630
	RW24	N395058.34	W0834931.35	N3950.972	W08349.523

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	01037	55

QUALITY
1
CHECKED

CITY AND STATE
SPRINGFIELD, OH

ELEVATION: 1051 TDZE: 1048
 AIRPORT NAME:
 SPRINGFIELD-BECKLEY MUNI

FACILITY
IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 24, ORIG
 17 DEC 2009

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: SGH VOR/DME							
DQN VOR/DME SGH VOR/DME		GRAAT INT/SGH 5.78 DME/RADAR		124.38 / 24.47				3100		CLIMB TO 3000 THEN LEFT TURN DIRECT SGH VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 065.90 INBOUND. CHART FAS OBST: 1213 TOWER 394705N/0835627W CHART VDP AT 1.51 DME; DISTANCE VDP TO THLD 1.21 MILES. GRAAT TO RW06: 2.93/45. FAC CROSSES RWY C/L EXTENDED 2819 FROM THLD.							
		GRAAT INT/SGH 5.78 DME/RADAR		245.90 / 5.78				3100									
1. PT <u>L</u> SIDE OF COURSE <u>245.90</u> OUTBOUND <u>3100</u> FT WITHIN <u>10</u> MILES OF <u>GRAAT</u> (IAF) 2. _____ 3. FAC <u>065.90</u> FAF <u>GRAAT INT/SGH 5.78 DME/RADAR</u> DIST FAF TO MAP _____ THLD <u>5.47</u> 4. MIN. ALT <u>GRAAT 2800</u> 8. MSA FROM: <u>SGH VOR/DME 3100</u>														MAG VAR: 4W		EPOCH YEAR: 1985	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-6		1480	1	429	1480	1	429	1480	1 1/4	429	1480	1 1/2	429				
CIRCLING		1480	1	429	1520	1	469	1520	1 1/2	469	1620	2	569				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WRIGHT-PATTERSON AFB ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. CHART NOTE: VDP NA WHEN USING WRIGHT-PATTERSON AFB ALTIMETER SETTING.																	
CITY AND STATE SPRINGFIELD, OH		ELEVATION: 1051 TDZE: 1051 AIRPORT NAME: SPRINGFIELD-BECKLEY MUNI		FACILITY IDENTIFIER: SGH		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 6, AMDT 11 17 DEC 2009						SUP VOR OR GPS RWY					
												6					
												AMDT 10B					
												DATE 08/18/1994					

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

PROCEDURE CANCELED EFFECTIVE 17 DEC 2009

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY
CHECKED

(5) City, State

KUTZTOWN, PA

(6) Airport

KUTZTOWN

(7) Effective Date
17 JUL 97

(8) Amdt. No.
ORIG

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

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 17 DEC 2009



CITY AND STATE KUTZTOWN, PA	ELEVATION: 512 TDZE: AIRPORT NAME: KUTZTOWN	FACILITY IDENTIFIER: ETX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-B, AMDT 1B, 08/30/2007	SUP VOR-A AMDT 1A DATE 8/21/06

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 1, STANDARD.

RWY 19, 300 - 2 OR STANDARD WITH MINIMUM CLIMB OF 207 FEET PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1, NUMEROUS TREES BEGINNING ABEAM DER, 40' LEFT OF CENTERLINE, UP TO 66' AGL/635' MSL. NUMEROUS TREES BEGINNING ABEAM DER, 35' RIGHT OF CENTERLINE, UP TO 100' AGL/649' MSL.

NOTE: RWY 19, NUMEROUS TREES BEGINNING ABEAM DER, 20' LEFT OF CENTERLINE, UP TO 43' AGL/552' MSL. NUMEROUS TREES BEGINNING ABEAM DER, 30' RIGHT OF CENTERLINE, UP TO 100' AGL/639' MSL.

(4) CONTROLLING OBSTACLES:

RWY 19: 808 MSL AAO 335339.82N/0814815.41W.

6/11/11
2
CHECKED

(5) City, State

SALUDA, SC

(6) Airport

SALUDA COUNTY

(7) Effective Date

17 DEC 2009

(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.																																																																																																																																		
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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: _____																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF:</td> <td>STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="3">ALTERNATE: N A</td> <td colspan="5"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="2" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															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																																																																																
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NOTES: PROCEDURE CANCELED EFFECTIVE <u>17 DEC 2009</u>																																																																																																																																												
CITY AND STATE COLUMBIA/MT PLEASANT, TN				ELEVATION: 681 TDZE: 681 AIRPORT NAME: MAURY COUNTY				FACILITY IDENTIFIER: GPS				PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: GPS RWY 24, ORIG, 11/04/1999				SUP AMDT NONE DATE																																																																																																																												

QUALITY
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DOXGU (IAF)	CEMVU (NOPT) (FB)	324.63 / 5.00	3000	LNAV: RW06 CLIMB TO 3000 DIRECT URSAW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 234.82 INBOUND. CHART FAS OBST: 1075 TWR 353223N/0871308W CHART: 1216 TOWER 352901N/0871529W ALWUB TO RW6: 3.05/40.
IJAPU (IAF)	CEMVU (NOPT) (FB)	144.55 / 5.00	3000	
CEMVU (IF/IAF)	ALWUB (FB)	054.59 / 6.05	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW CEMVU, RT, 054.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 054.65 FAF: ALWUB DIST FAF TO MAP: 5.55 THLD: 5.55
- MIN. ALT: CEMVU 3000, ALWUB 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1340	1	670	1340	1	670	1340	1 3/4	670	1340	2	670				
CIRCLING	1340	1	659	1340	1	659	1380	2	699	1380	2 1/4	699				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND SEE 8260-10

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

QUALITY
CHECKED

CITY AND STATE COLUMBIA/MT PLEASANT, TN	ELEVATION: 681 TDZE: 670 AIRPORT NAME: MAURY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 17 DEC 2009	SUP: AMDT: NONE DATED

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

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NOTES CONT.

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

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	325/30 CW 145/30 (NOPT)	325/26 CW 145/26	3200
	325/26 CW 145/26	CEMVU (IF/IAF) (FB)	3000
2.	145/30 CW 235/30	IJAPU (IAF) (FB)	3000
3.	235/30 CW 325/30	DOXGU (IAF) (FB)	3000

QUALITY
CHECKED

CITY AND STATE

COLUMBIA/MT PLEASANT, TN

ELEVATION: 681 TDZE: 670

AIRPORT NAME:

MAURY COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

17 DEC 2009

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 KMRCK7FR06	ACEMVU	010CEMVUK7EA0EE	AR	HF			05460040		+ 03000	18000		B JS	
SUSAP KMRCK7FR06	ADOXGU	010DOXGUK7EA0E	A	IF						18000		B JS	
SUSAP KMRCK7FR06	ADOXGU	020CEMVUK7EA0EE		010TF			32460050		+ 03000			B JS	
SUSAP KMRCK7FR06	AIJAPU	010IJAPUK7EA0E	A	IF						18000		B JS	
SUSAP KMRCK7FR06	AIJAPU	020CEMVUK7EA0EE		010TF			14460050		+ 03000			B JS	
SUSAP KMRCK7FR06	R	010CEMVUK7EA0E	I	IF					+ 03000	18000		B JS	
SUSAP KMRCK7FR06	R	020ALWUBK7EA1E	F	051TF			05460061		+ 02500			B JS	
SUSAP KMRCK7FR06	R	020ALWUBK7EA2WN			N	ALNAV						JS	
SUSAP KMRCK7FR06	R	030RW06 K7PGOGY	M	031TF			05470056		00704	-305		B JS	
SUSAP KMRCK7FR06	R	040URSAWK7EA0EYM		010DF					+ 03000			B JS	
SUSAP KMRCK7FR06	R	050URSAWK7EA0EE		R020HM			23480040		+ 03000			B JS	

[illegible]

QUALITY
CHECKED

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
	CEMVU	CEMVU	010	IAF	HF	R	FO		054.6 (054T)	004.0	03000
	DOXGU	DOXGU	010	IAF	IF		FB				
	DOXGU	CEMVU	020		TF		FB	1.0	324.6 (324T)	005.0	03000
	IJAPU	IJAPU	010	IAF	IF		FB				
	IJAPU	CEMVU	020		TF		FB	1.0	144.6 (144T)	005.0	03000
		CEMVU	010	FACF	IF		FB				03000
		ALWUB	020	FAF	TF		FB	0.5	054.6 (054T)	006.1	02500
		RW06	030	MAP	TF		FO	0.3	054.7 (054T)	005.6	00704

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	URSAW	040		DF		FO	1.0			03000
	URSAW	050		HM	R	FO	2.0	234.8 (234T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALWUB	N352943.41	W0871642.56	N3529.724	W08716.709
	CEMVU	N352607.89	W0872240.11	N3526.132	W08722.669
	DOXGU	N352206.02	W0871902.38	N3522.100	W08719.040
	IJAPU	N353009.64	W0872618.20	N3530.161	W08726.303
	URSAW	N354026.48	W0865849.56	N3540.441	W08658.826
	RW06	N353301.11	W0871113.67	N3533.019	W08711.228

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00664	40

QUALITY
CHECKED

CITY AND STATE COLUMBIA/MT PLEASANT, TN	ELEVATION: 681 TDZE: 670	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: MAURY COUNTY			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	LPV: DA LNAV/VNAV: DA LNAV: RW24
FACDA (IAF)	URSAW (NOPT) (FB)	144.78 / 5.00	3000	CLIMB TO 3000 DIRECT CEMVU AND HOLD.
MOKXE (IAF)	URSAW (NOPT) (FB)	324.85 / 5.00	3000	
URSAW (IF/IAF)	PUKBE (FB)	234.82 / 6.05	2500	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.59 INBOUND. CHART FAS OBST: 947 TREE 353401N/0870849W CHART: 1177 TOWER 353532N/0870335W DISTANCE TO THLD FROM 300 HAT: 0.82 NM. CHART VDP AT 1.50 MILES TO RW24* *LNAV ONLY. WAAS CHANNEL # 69515 REFERENCE PATH ID: W24A

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE URS AW, RT, 234.82 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 234.76 FAF: PUKBE DIST FAF TO MAP: 5.50 THLD: 5.50
4. MIN. ALT: URS AW 3000, PUKBE 2500
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2500 GS ALT AT: PUKBE OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 1W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @									
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	981	1	300	981	1	300	981	1	300	981	1	300			
LNAV/VNAV DA	1329	2 1/4	648	1329	2 1/4	648	1329	2 1/4	648	1329	2 1/4	648			
LNAV MDA	1200	3/4	519	1200	3/4	519	1200	1 1/2	519	1200	1 3/4	519			
CIRCLING	1260	1	579	1260	1	579	1380	2	699	1380	2 1/4	699			

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV CATS A, B, AND C AND LNAV CAT C.

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

@ CAT D 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 681 TDZE: 681	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 17 DEC 2009	SUP:
COLUMBIA/MT PLEASANT, TN	AIRPORT NAME: MAURY COUNTY			AMDT: NONE
				DATED

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

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NOTES CONT.**CHART PROFILE NOTE: VGSJ AND RNAV GLIDEPATH NOT COINCIDENT.**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL DA 109 FEET AND ALL MDA 120 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/2 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, AND LNAV CATS C AND D VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CATS C AND D VISIBILITY 1/2 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NASHVILLE INTL ALTIMETER SETTING.**TAA**

	FROM	TO	ALT
1.	145/30 CW 325/30 (NOPT) 145/20 CW 325/20	145/20 CW 325/20 URSAW (IF/IAF) (FB)	3100 3000
2.	325/30 CW 055/30	MOKXE (IAF) (FB)	3000
3.	055/30 CW 145/30	FACDA (IAF) (FB)	3000

CITY AND STATE

COLUMBIA/MT PLEASANT, TN

ELEVATION: 681

TDZE: 681

AIRPORT NAME:

MAURY COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRC
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	353336.2310N
LTP/FTP LONGITUDE	0871015.1570W
LTP/FTP ELLIPSOIDAL HEIGHT	+01796
FPAP LATITUDE	353243.4000N
FPAP LONGITUDE	0871143.1700W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9450F1F7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02076
FPAP ORTHOMETRIC HEIGHT	+02076

QUALITY
CHECKED

CITY AND STATE COLUMBIA/MT PLEASANT, TN	ELEVATION: 681 TDZE: 681 AIRPORT NAME: MAURY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
CHECKED

CITY AND STATE COLUMBIA/MT PLEASANT, TN	ELEVATION: 681 TDZE: 681 AIRPORT NAME: MAURY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	FACDA	FACDA	010	IAF	IF		FB				
	FACDA	URSAW	020		TF		FB	1.0	144.8 (144T)	005.0	03000
	MOKXE	MOKXE	010	IAF	IF		FB				
	MOKXE	URSAW	020		TF		FB	1.0	324.9 (324T)	005.0	03000
	URSAW	URSAW	010	IAF	HF	R	FO		234.8 (234T)	004.0	03000
		URSAW	010	FACF	IF		FB				03000
		PUKBE	020	FAF	TF		FB	0.5	234.8 (234T)	006.1	02500
		RW24	030	MAP	TF		FO	0.3	234.8 (234T)	005.5	00721

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CEMVU	040		DF		FO	1.0			03000
	CEMVU	050		HM	R	FO	2.0	054.6 (054T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEMVU	N352607.89	W0872240.11	N3526.132	W08722.669
	FACDA	N354428.94	W0870227.11	N3544.482	W08702.452
	MOKXE	N353623.91	W0865512.37	N3536.399	W08655.206
	PUKBE	N353651.79	W0870448.81	N3536.863	W08704.814
	URSAW	N354026.48	W0865849.56	N3540.441	W08658.826
	RW24	N353336.23	W0871015.16	N3533.604	W08710.253

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00681	40

CITY AND STATE

COLUMBIA/MT PLEASANT, TN

ELEVATION: 681 TDZE: 681

AIRPORT NAME:

MAURY COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

17 DEC 2009

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: MAFCE/GHM 21.30 DME FIX														
GHM VORTAC (IAF)		IDUDY/GHM 10.00 DME		137.39 / 10.00				2600		CLIMBING LEFT TURN TO 2600 VIA GHM VORTAC R-137 TO ONION/GHM 16.00 DME AND HOLD.														
IDUDY/GHM 10.00 DME (IF)		ONION/GHM 16.00 DME		137.39 / 6.00 (GHM R-137)				2600																
										ADDITIONAL FLIGHT DATA: HOLD NW, RT, 137.39 INBOUND. CHART FAS OBST: 1059 TREE 353559N/0871503W FAC CROSSES MID POINT OF RWY 6-24.														
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 IDUDY/GHM 10.00 DME																								
3. FAC <u>137.39</u> FAF <u>ONION/GHM 16.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u> </u>																								
4. MIN. ALT <u>IDUDY 2600, ONION 2600</u>																								
8. MSA FROM: <u>GHM VORTAC 2700</u>										MAG VAR: 3E EPOCH YEAR: 1965														
MINIMUMS																								
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @												
CATEGORY =====>		A			B			C			D			E										
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA								
CIRCLING		1320	1	639	1320	1 1/4	639	1380	2	699	1380	2 1/4	699											
NOTES:																								
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GHM VORTAC AIRWAY RADIALS 105 CW 179.										© CAT D 800-2 1/4														
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET, AND INCREASE CATS C AND D VISIBILITY 1/2 MILE.										© NA WHEN LOCAL WEATHER NOT AVAILABLE.														
CITY AND STATE COLUMBIA/MT PLEASANT, TN					ELEVATION: 681 TDZE: AIRPORT NAME: MAURY COUNTY					FACILITY IDENTIFIER: GHM					PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME-A, AMDT 4 17 DEC 2009					SUP VOR/DME OR GPS A AMDT 3A DATE 03/20/2003				

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: 5.06 MILES AFTER KAZOO/6.31 DME/RADAR OR AT I-BPT 1.26 DME FIX CLIMB TO 3000 VIA I-BPT SE COURSE TO MARSA INT/I-BPT 14.54 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA HEADING 115.95 AND RADAR VECTORS. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 295.96 INBOUND. CHART FAS OBST: 158 TOWER 295816N/0940322W CHART 500 TOWER 300007N/0940538W. CHART VDP AT 2.47 DME; DISTANCE VDP TO THLD 1.22 MILES.							
MARSA INT/I-BPT 14.54 DME		BPT VOR/DME		293.33 / 14.99		1800									
BPT VOR/DME		KAZOO/I-BPT 6.31 DME/RADAR		295.57 / 5.86		1800									
HONEE INT (IAF)		GIDDY INT/I-BPT 13.87 DME (NOPT)		148.49 / 22.56 (SBI R-328)		1800									
GIDDY INT/I-BPT 13.87 DME (IF)		KAZOO/I-BPT 6.31 DME/RADAR		115.95 / 7.56 (I-BPT)		1700									

1. PT L SIDE OF COURSE 295.95 OUTBOUND 1800% FT WITHIN 10 MILES OF KAZOO (IAF)
 2. _____
 3. FAC: 115.95 FAF: KAZOO/I-BPT 6.31 DME/RADAR DIST FAF TO MAP: 5.06 THLD: 5.06
 4. MIN. ALT: KAZOO 1700, COUGS/I-BPT 3.65 DME 820*
 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 993
 6. MIN GS INCPT: 1700 GS ALT AT: KAZOO/I-BPT 6.31 DME/RADAR 1700 OM: _____ MM: _____ IM: _____
 7. GS ANGLE: 3.00 TCH: 52.0
 8. MSA FROM: BPT VOR/DME 215-315 3100, 315-215 2300

MAG VAR: 5E
EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF: _____	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: # _____	LOC: @ _____									
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 12	215	2400	200	215	2400	200	215	2400	200	215	2400	200	215	2400	200
S-LOC 12	820	2400	805	820	4000	805	820	1 3/4	805	820	2	805	820	2 1/4	805
CIRCLING	820	1	805	820	1 1/4	805	820	2 1/4	805	820	2 1/2	805	820	2 3/4	805
COUGS FIX MINIMUMS															
S-LOC 12	460	2400	445	460	2400	445	460	4000	445	460	5000	445	460	5000	445
CIRCLING	480	1	465	480	1	465	480	1 1/2	465	580	2	565	820	2 3/4	805

NOTES:
 CHART PROFILE NOTE: USE I-BPT DME WHEN ON THE LOCALIZER COURSE.
 % CAT E PROCEDURE TURN NA.
 * LOC ONLY
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE COUNTY ALTIMETER SETTING AND SEE 8260-10

CITY AND STATE	ELEVATION: 15 TDZE: 15	FACILITY IDENTIFIER: I-BPT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 12
BEAUMONT/PORT ARTHUR, TX	AIRPORT NAME: SOUTHEAST TEXAS RGNL		ILS OR LOC RWY 12, AMDT 23	AMDT: 22A
			17 DEC 2009	DATED 09/03/2003

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.

INCREASE ALL DA 32 FEET AND ALL MDA 40 FEET, INCREASE S-LOC 12 CAT A VISIBILITY TO RVR 4000, CAT C TO 2 MILES, CAT D TO 2 1/4 MILES, CAT E TO 2 1/2 MILES AND INCREASE CIRCLING CAT C VISIBILITY TO 2 1/2 MILES, CAT D TO 2 3/4 MILES AND CAT E TO 3 MILES. COUGS FIX MINIMUMS: INCREASE S-LOC 12 CAT E VISIBILITY TO RVR 6000 AND CIRCLING CAT E VISIBILITY TO 3 MILES.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000 AND S-LOC 12 CAT E TO 2 1/2 MILES, COUGS FIX MINIMUMS: INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000 AND S-LOC CAT E TO 1 1/2 MILES.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ORANGE COUNTY ALTIMETER SETTING, INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000 AND S-LOC 12 CAT A TO 1 MILE, AND CAT E TO 3 MILES, COUGS FIX MINIMUMS: INCREASE S-ILS 12 CAT E VISIBILITY TO RVR 4000 AND S-LOC 12 CAT E TO 1 3/4 MILES.

CHART NOTE: VDP NA WHEN USING ORANGE COUNTY ALTIMETER SETTING.

CHART NOTE: DME OR RADAR REQUIRED.

ALTERNATE MINIMUM NOTES CONT.

CAT A, B 900-2, CAT C 900-2 1/4, CAT D
900-2 1/2, CAT E 900-2 3/4

@ CAT A, B 900-2, CAT C 900-2 1/4, CAT D
900-2 1/2, CAT E 900-2 3/4

@ NA WHEN CONTROL TOWER CLOSED.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE

BEAUMONT/PORT ARTHUR, TX

ELEVATION: 15 TDZE: 15

AIRPORT NAME:

SOUTHEAST TEXAS RGNL

FACILITY
IDENTIFIER:

I-BPT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 12, AMDT 23

17 DEC 2009

SUP: ILS RWY 12

AMDT: 22A

DATED: 09/03/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE		MAP: 4.43 MILES AFTER ROVEZ INT/4.93 DME OR AT I-BPT 0.51 DME FIX CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 VIA BPT VOR/DME R-264 TO SHINA INT/BPT 15.32 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 083.87 INBOUND. CHART FAS OBST: 76 TREE 295634N/0935957W CHART 298 TOWER 295413N/0935604W. ROVEZ TO RW30: 3.04/54.										
BPT VOR/DME	ROVEZ INT/I-BPT 4.93 DME	112.20 / 5.39	2000												
MARSA INT/I-BPT 14.54 DME (IF)	ROVEZ INT/I-BPT 4.93 DME	295.96 / 9.60 (I-BPT)	1700												
1. PT <u>L</u> SIDE OF COURSE <u>115.96</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>ROVEZ</u> (IAF) 2. _____ 3. FAC <u>295.96</u> FAF <u>ROVEZ INT/I-BPT 4.93 DME</u> DIST FAF TO MAP <u>4.43</u> THLD <u>5.08</u> 4. MIN. ALT <u>ROVEZ 1700, MEYGI/I-BPT 1.86 DME 700</u> 8. MSA FROM: <u>BPT VOR/DME 215-315 3100, 315-215 2300</u>					MAG VAR: 5E EPOCH YEAR: 1985										
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-30	700	1	688	700	1	688	700	2	688	700	2 1/4	688	700	2 1/2	688
CIRCLING	700	1	685	700	1	685	700	2	685	700	2 1/4	685	820	2 3/4	805
MEYGI FIX MINIMUMS															
S-30	400	1	388	400	1	388	400	1	388	400	1 1/4	388	400	1 1/4	388
CIRCLING	480	1	465	480	1	465	480	1 1/2	465	580	2	565	820	2 3/4	805
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: USE I-BPT DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: DISREGARD GS INDICATIONS. % CAT E PROCEDURE TURN NA. SEE 8260-10															
CITY AND STATE BEAUMONT/PORT ARTHUR, TX		ELEVATION: 15 TDZE: 12 AIRPORT NAME: SOUTHEAST TEXAS RGNL		FACILITY IDENTIFIER: I-BPT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC BC RWY 30, AMDT 20 17 DEC 2009				SUP					
										AMDT 19A					
										DATE 04/20/2000					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25**

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORANGE COUNTY ALTIMETER SETTING AND

INCREASE ALL MDA 40 FEET, INCREASE CIRCLING CAT E VISIBILITY 1/4 MILE, MEYGI FIX MINIMUMS:

INCREASE S-30 CAT C/D/E VISIBILITY 1/4 MILE AND CIRCLING CAT E 1/4 MILE.

CITY AND STATE

BEAUMONT/PORT ARTHUR, TX

ELEVATION: 15 TDZE: 12

AIRPORT NAME:

SOUTHEAST TEXAS RGNL

FACILITY
IDENTIFIER:

I-BPT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC BC RWY 30, AMDT 20

17 DEC 2009

SUP:

AMDT: 19A

DATED: 04/20/2000

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 12, 16, 30, 34 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, MULTIPLE TREES BEGINNING 1024' FROM DER, 202' LEFT OF CENTERLINE, UP TO 43' AGL/48' MSL. TREES 1676' FROM DER, 778' RIGHT OF CENTERLINE, 51' AGL/56' MSL.

NOTE: RWY 16, MULTIPLE TREES BEGINNING 580' FROM DER, 519' RIGHT OF CENTERLINE, UP TO 51' AGL/56' MSL.

NOTE: RWY 30, TREES 1005' FROM DER, 629' RIGHT OF CENTERLINE, 54' AGL/64' MSL. MULTIPLE TREES BEGINNING 1041' FROM DER, 617' LEFT OF CENTERLINE, UP TO 67' AGL/77' MSL.

NOTE: RWY 34, BLDG 770' FROM DER, 386' RIGHT OF CENTERLINE, 28' AGL/38' MSL. MULTIPLE TREES BEGINNING 1274' FROM DER, 398' RIGHT OF CENTERLINE, UP TO 70' AGL/80' MSL. MULTIPLE TREES BEGINNING 1288' FROM DER, 218' LEFT OF CENTERLINE, UP TO 72' AGL/82' MSL. TOWER 1487' FROM DER, 398' RIGHT OF CENTERLINE, 60' AGL/75' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BEAUMONT/PORT ARTHUR, TX

(6) Airport

SOUTHEAST TEXAS RGNL

(7) Effective Date

17 DEC 2009

(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 18, 400 - 2 OR STANDARD WITH MINIMUM CLIMB OF 458 FEET PER NM TO 1300.

RWY 36, 300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 427 FEET PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 18, TREES BEGINNING 2383' FROM DER, 504' RIGHT OF CENTERLINE, UP TO 100' AGL/1169' MSL.

TREES BEGINNING 2438' FROM DER, 525' LEFT OF CENTERLINE, UP TO 100' AGL/1109' MSL. TOWER 1.2NM FROM DER, 664' LEFT OF CENTERLINE, 55' AGL/1046' MSL. TOWER 1.2NM FROM DER, 1121' LEFT OF CENTERLINE, 55' AGL/1042' MSL.

NOTE: RWY 36, TREES BEGINNING 111' FROM DER, 21' RIGHT OF CENTERLINE, UP TO 100' AGL/851' MSL. TREES BEGINNING 607' FROM DER, 430' LEFT OF CENTERLINE, UP TO 100' AGL/1039' MSL. HANGER 12' FROM DER, 424' RIGHT OF CENTERLINE, 17' AGL/827' MSL. MULTIPLE POLES AND TOWERS BEGINNING 1064' FROM DER, 297' LEFT OF CENTERLINE, 43' AGL/969' MSL.

(4) CONTROLLING OBSTACLES:

RWY 18: 1169 MSL TREE 330913.29N-0974956.31W, 1159 MSL TREE 330851.00N-0974933.00W

RWY 36: 1039 MSL TREE 331132.58N-0974959.36W, 965 MSL TRANSMISSION TOWER 331151.37N-0974947.36W

QUALITY
CHECKED

(5) City, State BRIDGEPORT, TX	(6) Airport BRIDGEPORT MUNI	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 2

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 17 DEC 2009

QUALITY
2
CHECKED

CITY AND STATE

BURNET, TX

ELEVATION: 1284

TDZE: 1270

AIRPORT NAME:

BURNET MUNI/KATE CRADDOCK FIELD

FACILITY

IDENTIFIER:

GPS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

GPS RWY 1, AMDT 1, 12/03/1998

SUP

AMDT

ORIG

DATE

04/25/1996

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: _____																																																																																																																		
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="3">ALTERNATE: N A _____</td> <td colspan="3"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															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																																																																
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	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																													
NOTES: PROCEDURE CANCELED EFFECTIVE <u>17 DEC 2009</u>																																																																																																																												
CITY AND STATE BURNET, TX		ELEVATION: 1284 TDZE: 1284 AIRPORT NAME: BURNET MUNI/KATE CRADDOCK FIELD		FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 19, ORIG, 12/03/1998				SUP AMDT NONE DATE																																																																																																																		

QUALITY
 2
 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: BMQ NDB
AGJ VORTAC MOGWI INT	BMQ NDB	185.38 / 27.09	3500	CLIMB TO 3100 THEN RIGHT TURN DIRECT BMQ NDB AND HOLD.
	BMQ NDB	063.86 / 10.85	3500	
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 014.51 INBOUND. FAS OBST: 1539 AAO 304114N/0981805W FAC CROSSES RWY C/L EXTENDED 2996 FROM THLD.

1. PT L SIDE OF COURSE 194.51 OUTBOUND 3100 FT WITHIN 10 MILES OF BMQ NDB (IAF)

2. _____

3. FAC 014.51 FAF _____ DIST FAF TO MAP _____ THLD _____

4. MIN. ALT _____

8. MSA FROM: BMQ NDB 040-140 4100, 140-040 3300

MAG VAR: 7E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A	X							
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-1	1960	1	690	1960	1	690	1960	2	690		NA				
CIRCLING	2000	1	716	2040	1 1/4	756	2040	2 1/4	756		NA				

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAGO VISTA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE S-1 CATS B AND C VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY
2
Checked

CITY AND STATE BURNET, TX	ELEVATION: 1284 TDZE: 1270 AIRPORT NAME: BURNET MUNI/KATE CRADDOCK FIELD	FACILITY IDENTIFIER: BMQ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 1, AMDT 6, 12/17/2009 17 DEC 2009	SUP
				AMDT 5
				DATE 12/03/1998

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				
AMUSE (IAF)	SUBIE (FB)	352.80 / 6.88	3100	LNAV: BEPKY			
SUBIE (IF)	FINTI (FB)	009.11 / 6.01	2600				
				CLIMB TO 3500 DIRECT DLORA AND HOLD.			
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 189.17 INBOUND. CHART FAS OBST: 1399 TREE 304321N/0981512W FINTI TO RW01: 3.04/45.			

1. PT NA SIDE OF COURSE		OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT SUBIE					
3. FAC: 009.13		FAF: FINTI		DIST FAF TO MAP: 3.02	THLD: 4.02
4. MIN. ALT: SUBIE 3100, FINTI 2600, HUKUD/1.00 NM TO BEPKY 1940					
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: RW01 4100					

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	1660	1 1/4	390	1660	1 1/4	390	1660	1 1/4	390		NA				
CIRCLING	2000	1 1/4	716	2040	1 1/4	756	2040	2 1/4	756		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 AMUSE VIA V565 SOUTHEAST BOUND AND V163 SOUTHBOUND.

SEE 8260-10

@ CAT C 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1284 TDZE: 1270	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BURNET, TX	AIRPORT NAME: BURNET MUNI/KATE CRADDOCK FIELD		RNAV (GPS) RWY 1, ORIG, 12/17/2009	AMDT: NONE
			17 DEC 2009	DATED

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

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NOTES CONT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

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

CITY AND STATE

BURNET, TX

ELEVATION: 1284 TDZE: 1270

AIRPORT NAME:

BURNET MUNI/KATE CRADDOCK FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, ORIG, 12/17/2009

17 DEC 2009

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 KBMQK4FR01	AAMUSE	010AMUSEK4EA0E	A	IF						18000		B JS	
SUSAP KBMQK4FR01	AAMUSE	020SUBIEK4EA0EE	B	010TF			35280069	+	03100			B JS	
SUSAP KBMQK4FR01	R	010SUBIEK4EA0E	I	IF				+	03100	18000		B JS	
SUSAP KBMQK4FR01	R	020FINTIK4EA1E	F	051TF			00910060	+	02600		RW01	K4EAB JS	
SUSAP KBMQK4FR01	R	020FINTIK4EA2WN			N	ALNAV						JS	
SUSAP KBMQK4FR01	R	021HUKUDK4EA0E	S	031TF			00910020	V	0194001953	-304		B JS	
SUSAP KBMQK4FR01	R	030BEPKYK4EA0EY	M	031TF			00910010		01628	-304		B JS	
SUSAP KBMQK4FR01	R	040DLORAK4EA0EYM		010DF				+	03500			B JS	
SUSAP KBMQK4FR01	R	050DLORAK4EA0EE		R020HM			18920040	+	03500			B JS	

[illegible][illegible]

QUALITY
1
CHECKED

CITY AND STATE BURNET, TX	ELEVATION: 1284 TDZE: 1270	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 1, ORIG, 12/17/2009	AMDT: NONE
	BURNET MUNI/KATE CRADDOCK FIELD		17 DEC 2009	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	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AMUSE	AMUSE	010	IAF	IF		FB				
	AMUSE	SUBIE	020	IF	TF		FB	1.0	352.8 (360T)	006.9	03100
		SUBIE	010	FACF	IF		FB				03100
		FINTI	020	FAF	TF		FB	0.5	009.1 (016T)	006.0	02600
		HUKUD	021	SDF	TF		FB	0.3	009.1 (016T)	002.0	0194001953
		BEPKY	030	MAP	TF		FO	0.3	009.1 (016T)	001.0	01628

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DLORA	040		DF		FO	1.0			03500
	DLORA	050		HM	R	FO	2.0	189.2 (196T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMUSE	N302723.21	W0981739.08	N3027.387	W09817.651
	BEPKY	N304258.60	W0981446.31	N3042.977	W09814.772
	DLORA	N305419.81	W0981057.74	N3054.330	W09810.962
	FINTI	N304003.90	W0981544.78	N3040.065	W09815.746
	HUKUD	N304200.83	W0981505.65	N3042.014	W09815.094
	SUBIE	N303416.91	W0981740.74	N3034.282	W09817.679
	RW01	N304356.37	W0981426.96	N3043.940	W09814.449

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW01	01259		45

QUALITY
1
CHECKED

CITY AND STATE
BURNET, TX

ELEVATION: 1284 TDZE: 1270
 AIRPORT NAME:
 BURNET MUNI/KATE CRADDOCK FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 1, ORIG, 12/17/2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW19 CLIMB TO 3100 DIRECT FINI THEN VIA TRACK 180.42 TO AMUSE. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1636 TOWER 304513N/0981434W HONES TO RW19: 3.03/45.
AGJ VORTAC	JIBAJ (FB)	176.42 / 11.98	3500	
LLO VORTAC	IXANY (FB)	065.02 / 26.75	3500	
JIBAJ (IAF)	DLORA (FB)	189.18 / 5.00	3500	
IXANY (IAF)	DLORA (FB)	099.11 / 6.00	3500	
DLORA (IF)	HONES (FB)	189.17 / 6.02	2600	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. PROFILE STARTS AT DLORA
 3. FAC: 189.15 FAF: HONES DIST FAF TO MAP: 3.95 THLD: 3.95
 4. MIN. ALT: DLORA 3500, HONES 2600, LEYIG/2.30 NM TO RW19 2060
 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: RW19 4100

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N/A	STANDARD @					
CATEGORY =====>	A			B			C			D			E			
	DH/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	1940	1	656	1940	1	656	1940	1 3/4	656		NA					
CIRCLING	2000	1	716	2040	1 1/4	756	2040	2 1/4	756		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 AGJ VORTAC VIA AIRWAY RADIALS 182 CW 199.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LLO VORTAC VIA AIRWAY RADIALS 018 CW 120.
 SEE 8260-10

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

CITY AND STATE BURNET, TX	ELEVATION: 1284 TDZE: 1284 AIRPORT NAME: BURNET MUNI/KATE CRADDOCK FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG, 12/17/2009 17 DEC 2009	SUP: AMDT: NONE DATED

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

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NOTES CONT.**CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAGO VISTA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE LNAV AND CIRCLING CAT C VISIBILITIES 1/4 MILE.**

QUALITY
2
CHECKED

CITY AND STATE

BURNET, TX

ELEVATION: 1284 TDZE: 1284

AIRPORT NAME:

BURNET MUNI/KATE CRADDOCK FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG, 12/17/2009

17 DEC 2009

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 KBMQK4FR19	AAGJ	010AGJ	K4D	OV	IF					18000		B	JS
SUSAP KBMQK4FR19	AAGJ	020JIBAJK4EA0E	A	020TF			17640120	+	03500			B	JS
SUSAP KBMQK4FR19	AAGJ	030DLORAK4EA0EE	B	010TF			18920050	+	03500			B	JS
SUSAP KBMQK4FR19	ALLO	010LLO	K4D	OV	IF					18000		B	JS
SUSAP KBMQK4FR19	ALLO	020IXANYK4EA0E	A	020TF			06500268	+	03500			B	JS
SUSAP KBMQK4FR19	ALLO	030DLORAK4EA0EE	B	010TF			09910060	+	03500			B	JS
SUSAP KBMQK4FR19	R	010DLORAK4EA0E	I	IF				+	03500	18000		B	JS
SUSAP KBMQK4FR19	R	020HONESK4EA1E	F	051TF			18920060	+	02600		RW19	K4PGB	JS
SUSAP KBMQK4FR19	R	020HONESK4EA2WN			N	ALNAV							JS
SUSAP KBMQK4FR19	R	021LEYIGK4EA0E	S	031TF			18920017	V	0206002074	-303		B	JS
SUSAP KBMQK4FR19	R	030RW19	K4PGOGY	M	031TF		18920023		01329	-303		B	JS
SUSAP KBMQK4FR19	R	040FINTIK4EA0E	M	010DF				+	03100			B	JS
SUSAP KBMQK4FR19	R	050AMUSEK4EA0EE		010TF			1804	+	03100			B	JS



QUALITY
CHECKED

CITY AND STATE BURNET, TX	ELEVATION: 1284 TDZE: 1284	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG, 12/17/2009 17 DEC 2009	SUP:
	AIRPORT NAME:			AMDT: NONE
	BURNET MUNI/KATE CRADDOCK FIELD			DATED:

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QUALITY
1
CHECKED

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
	AGJ	AGJ	010		IF		FB				
	AGJ	JIBAJ	020	IAF	TF		FB	2.0	176.4 (183T)	012.0	03500
	AGJ	DLORA	030	IF	TF		FB	1.0	189.2 (196T)	005.0	03500
	LLO	LLO	010		IF		FB				
	LLO	IXANY	020	IAF	TF		FB	2.0	065.0 (072T)	026.8	03500
	LLO	DLORA	030	IF	TF		FB	1.0	099.1 (106T)	006.0	03500
		DLORA	010	FACF	IF		FB				03500
		HONES	020	FAF	TF		FB	0.5	189.2 (196T)	006.0	02600
		LEYIG	021	SDF	TF		FB	0.3	189.2 (196T)	001.7	0206002074
		RW19	030	MAP	TF		FO	0.3	189.2 (196T)	002.3	01329

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FINTI	040		DF		FB	1.0			03100
	AMUSE	050		TF		FB	1.0	180.4 (187T)		03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGJ	N311107.81	W0980830.71	N3111.130	W09808.512
	LLO	N304746.83	W0984714.60	N3047.781	W09847.243
	AMUSE	N302723.21	W0981739.08	N3027.387	W09817.651
	DLORA	N305419.81	W0981057.74	N3054.330	W09810.962
	FINTI	N304003.90	W0981544.78	N3040.065	W09815.746
	HONES	N304831.95	W0981254.57	N3048.533	W09812.910
	IXANY	N305600.12	W0981739.75	N3056.002	W09817.663
	JIBAJ	N305908.59	W0980920.56	N3059.143	W09809.343
	LEYIG	N304656.77	W0981326.50	N3046.946	W09813.442
	RW19	N304443.91	W0981411.03	N3044.732	W09814.184

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	01284	45

QUALITY
CHECKED

CITY AND STATE BURNET, TX	ELEVATION: 1284 TDZE: 1284	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME: BURNET MUNI/KATE CRADDOCK FIELD		RNAV (GPS) RWY 19, ORIG, 12/17/2009	AMDT: NONE
			17 DEC 2009	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 1, TREES AND CARS BEGINNING 362' FROM DER, 488' RIGHT OF CENTERLINE, UP TO 100' AGL/1379' MSL. TREES AND CARS BEGINNING 274' FROM DER, 86' LEFT OF CENTERLINE, UP TO 100' AGL/1419' MSL.

NOTE: RWY 19, TREES BEGINNING 32' FROM DER, 103' RIGHT OF CENTERLINE, UP TO 100' AGL/1379' MSL. TREES BEGINNING 188' FROM DER, 332' LEFT OF CENTERLINE, UP TO 100' AGL/1369' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
2
CHECKED

(5) City, State

BURNET, TX

(6) Airport

BURNET MUNI KATE CRADDOCK FIELD

(7) Effective Date

12/17/2009

(8) Amdt. No.

1

PAGE 1 OF 2 PAGES

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING, INCREASE S-ILS 17 ALL CATS VISIBILITY TO 1 MILE.

CITY AND STATE

DALLAS, TX

ELEVATION: 585

TDZE: 575

AIRPORT NAME:

COLLIN COUNTY RGNL AT MC KINNEY

FACILITY
IDENTIFIER:

I-EFE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 17, AMDT 3

17 DEC 2009

SUP: ILS RWY 17

AMDT: 2A

DATED: 08/29/2003

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW17 CLIMB TO 3000 DIRECT ON ME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 356.12 INBOUND. CHART FAS OBST: 628 TREE 331142N/0963518W CHART 1025 TOWER 331351N/0963706W. DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 1.19 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 87102 REFERENCE PATH ID: W17A	
KARLA (IAF)	VELCI (FB)	254.78 / 9.31	3000		
SASIE (IAF)	VELCI (FB)	164.75 / 4.60	3000		
VELCI (IF)	IKOTY (FB)	176.12 / 6.01	2300		
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 VELCI 3. FAC: <u>176.12</u> FAF: <u>IKOTY</u> DIST FAF TO MAP: <u>5.18</u> THLD: <u>5.18</u> 4. MIN. ALT: <u>VELCI 3000, IKOTY 2300, LIRNE/2.50 NM TO RW17 1420*</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>IKOTY</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW17 3800</u>				MAG VAR: 6E EPOCH YEAR: 1995	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	775	1/2	200	775	1/2
LNAV MDA	1000	1/2	425	1000	1/2
CIRCLING	1120	1	535	1120	1
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: RADAR REQUIRED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND SEE 8260-10 CITY AND STATE: DALLAS, TX ELEVATION: 585 TDZE: 575 AIRPORT NAME: COLLIN COUNTY RGNL AT MC KINNEY FACILITY IDENTIFIER: RNAV PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 17 DEC 2009 SUP: ORIG DATED: 06/08/2006					

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

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

NOTES CONT.

**INCREASE ALL DA 69 FEET AND ALL MDA 80 FEET, INCREASE LNAV CAT C, AND CIRCLING CATS C AND D
VISIBILITY 1/4 MILE.**

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILE.

**CHART NOTE: FOR INOPERTAIVE MALSR WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING INCREASE LPV ALL
CATS VISIBILITY TO 1 MILE.**

CHART NOTE: VDP NA WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING.

QUALITY
2
CHECKED

CITY AND STATE

DALLAS, TX

ELEVATION: 585

TDZE: 575

AIRPORT NAME:

COLLIN COUNTY RGNL AT MC KINNEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 1

17 DEC 2009

SUP:

AMDT:

ORIG

DATED:

06/08/2006

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	KTKI
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	331115.2200N
LTP/FTP LONGITUDE	0963524.3800W
LTP/FTP ELLIPSOIDAL HEIGHT	+01497
FPAP LATITUDE	331006.0100N
FPAP LONGITUDE	0963527.4300W
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

0FF2E2F0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01753
FPAP ORTHOMETRIC HEIGHT	+01753



CITY AND STATE DALLAS, TX	ELEVATION: 585 TDZE: 575	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 17 DEC 2009	SUP:
	AIRPORT NAME: COLLIN COUNTY RGNL AT MC KINNEY			AMDT: ORIG
	DATED: 06/08/2006			

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 KTKIK4FR17	AKARLA	010KARLAK4EA0E	A	IF					18000			A JS	
SUSAP KTKIK4FR17	AKARLA	020VELCIK4EA0EE	B	010TF		25480093		+ 03000				A JS	
SUSAP KTKIK4FR17	ASASIE	010SASIEK4EA0E	A	IF					18000			A JS	
SUSAP KTKIK4FR17	ASASIE	020VELCIK4EA0EE	B	010TF		16480046		+ 03000				A JS	
SUSAP KTKIK4FR17	R	010VELCIK4EA0E	I	IF				+ 03000	18000			A JS	
SUSAP KTKIK4FR17	R	020IKOTYK4EA1E	F	051TF		17610060		+ 02300			RW17	K4PGA	JS
SUSAP KTKIK4FR17	R	020IKOTYK4EA2WALPV			N		ALNAV						JS
SUSAP KTKIK4FR17	R	021LIRNEK4EA0E	S	031TF		17610027		V 0142001428		-300		A JS	
SUSAP KTKIK4FR17	R	030RW17 K4PGOGY	M	031TF		17610025		00625		-300		A JS	
SUSAP KTKIK4FR17	R	040ONEMEK4EA0EYM		010DF				+ 03000				A JS	
SUSAP KTKIK4FR17	R	050ONEMEK4EA0EE		R020HHM		35610040		+ 03000				A JS	

[illegible][illegible]

SUP:	
AMDT:	ORIG
DATED:	06/08/2006

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.

M



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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KARLA	KARLA	010	IAF	IF		FB				
	KARLA	VELCI	020	IF	TF		FB	1.0	254.8 (261T)	009.3	03000
	SASIE	SASIE	010	IAF	IF		FB				
	SASIE	VELCI	020	IF	TF		FB	1.0	164.8 (171T)	004.6	03000
		VELCI	010	FACF	IF		FB				03000
		IKOTY	020	FAF	TF		FB	0.5	176.1 (182T)	006.0	02300
		LIRNE	021	SDF	TF		FB	0.3	176.1 (182T)	002.7	0142001428
		RW17	030	MAP	TF		FO	0.3	176.1 (182T)	002.5	00625

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ONEME	040		DF		FO	1.0			03000
	ONEME	050		HM	R	FO	2.0	356.1 (002T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IKOTY	N331626.67	W0963510.65	N3316.445	W09635.178
	KARLA	N332357.59	W0962356.07	N3323.960	W09623.935
	LIRNE	N331345.40	W0963517.76	N3313.757	W09635.296
	ONEME	N325949.81	W0963554.49	N3259.830	W09635.908
	SASIE	N332700.61	W0963547.74	N3327.010	W09635.796
	VELCI	N332227.43	W0963454.74	N3322.457	W09634.912
	RW17	N331115.22	W0963524.38	N3311.254	W09635.406

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	00575		50

CITY AND STATE DALLAS, TX	ELEVATION: 585 TDZE: 575 AIRPORT NAME: COLLIN COUNTY RGNL AT MC KINNEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 17 DEC 2009	SUP:
				AMDT: ORIG
				DATED: 06/08/2006

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: RW35 CLIMB TO 3000 DIRECT VELCI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.12 INBOUND. CHART FAS OBST: 798 TANK 330749N/0963630W DISTANCE TO THLD FROM 282 HAT: 0.74 NM. WAAS CHANNEL # 49202 REFERENCE PATH ID: W35A							
TACKE (IAF)		ONEME (FB)		001.13 / 26.30		3000									
BACKS (IAF)		ONEME (FB)		336.59 / 28.77		3000									
ONEME (IF)		ILEZY (FB)		356.12 / 6.01		2000									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ONEME 3. FAC: <u>356.12</u> FAF: <u>ILEZY</u> DIST FAF TO MAP: <u>4.25</u> THLD: <u>4.25</u> 4. MIN. ALT: <u>ONEME 3000, ILEZY 2000</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>ILEZY</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW35 3800</u>								MAG VAR: 6E EPOCH YEAR: 1995							
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A				STANDARD @							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	867	1	282	867	1	282	867	1	282	867	1	282			
LNAV MDA	1060	1	475	1060	1	475	1060	1 1/4	475	1060	1 1/2	475			
CIRCLING	1120	1	535	1120	1	535	1120	1 1/2	535	1200	2	615			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: RADAR REQUIRED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE				ELEVATION: 585 TDZE: 585		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
DALLAS, TX				AIRPORT NAME: COLLIN COUNTY RGNL AT MC KINNEY		RNAV		RNAV (GPS) RWY 35, AMDT 1 17 DEC 2009				AMDT: ORIG			
												DATED 06/08/2006			

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 69 FEET AND ALL MDA 80 FEET, AND INCREASE LPV ALL CATS, LNAV CATS C AND D, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

QUALITY
2
CHECKED

CITY AND STATE

DALLAS, TX

ELEVATION: 585 TDZE: 585

AIRPORT NAME:

COLLIN COUNTY RGNL AT MC KINNEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 06/08/2006

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTKI
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	331006.0100N
LTP/FTP LONGITUDE	0963527.4200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01528
FPAP LATITUDE	331135.2200N
FPAP LONGITUDE	0963523.4900W
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	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

26FC5708

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01784
FPAP ORTHOMETRIC HEIGHT	+01784

QUALITY
2
CHECKS

CITY AND STATE

DALLAS, TX

ELEVATION: 585 TDZE: 585

AIRPORT NAME:

COLLIN COUNTY RGNL AT MC KINNEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 06/08/2006

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]

NAR	BACKS
NAR	ILEZY
NAR	ONEME
NAR	TACKE
NAR	VELCI

[illegible]

SUSAP KTKIK4ATKI	0	070YHN33104060W096352590E006000585	1800018000C	MNAR	COLLIN COUNTY RGNL AT MC KINNE

[illegible]

SUSAP	KTNIK4FR35	ABACKS	010BACKSK4EA0E	A	IF				18000		A	JS
SUSAP	KTNIK4FR35	ABACKS	020ONEMEK4EA0EE	B	010TF		33660288	+	03000		A	JS
SUSAP	KTNIK4FR35	ATACKE	010TACKEK4EA0E	A	IF				18000		A	JS
SUSAP	KTNIK4FR35	ATACKE	020ONEMEK4EA0EE	B	010TF		00110263	+	03000		A	JS
SUSAP	KTNIK4FR35	R	010ONEMEK4EA0E	I	IF			+	03000	18000	A	JS
SUSAP	KTNIK4FR35	R	020ILEZYK4EA1E	F	051TF		35610060	+	02000		RW35	K4PGA JS
SUSAP	KTNIK4FR35	R	020ILEZYK4EA2WALPV		N	ALNAV						JS
SUSAP	KTNIK4FR35	R	030RW35	K4PGOGY	M	031TF	35610043		00630	-300	A	JS
SUSAP	KTNIK4FR35	R	040VELCIK4EA0EYM		010DF			+	03000		A	JS
SUSAP	KTNIK4FR35	R	050VELCIK4EA0EE		R020HM		17610040	+	03000		A	JS

[illegible]

SUSAP KTKIK4GRW35 0070013561 N33100601W096352742-0100 +0152800585000045100R

[illegible]

SUSAP KTKIK4PR35 RW35 001 0000W35A0N3310060100W09635274200+015280300N3311352200W09635234900106750616000450F40050026FC5708
SUSAP KTKIK4PR35 RW35 002E +01784+01784LPV 49202

SUP:	
AMDT:	ORIG
DATED:	06/08/2006

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]

SUP:	
AMDT:	ORIG
DATED:	06/08/2006

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BACKS	BACKS	010	IAF	IF		FB				
	BACKS	ONEME	020	IF	TF		FB	1.0	336.6(343T)	028.8	03000
	TACKE	TACKE	010	IAF	IF		FB				
	TACKE	ONEME	020	IF	TF		FB	1.0	001.1(007T)	026.3	03000
		ONEME	010	FACF	IF		FB				03000
		ILEZY	020	FAF	TF		FB	0.5	356.1(002T)	006.0	02000
		RW35	030	MAP	TF		FO	0.3	356.1(002T)	004.3	00630

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	VELCI	040		DF		FO	1.0			03000
	VELCI	050		HM	R	FO	2.0	176.1(182T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BACKS	N323219.72	W0962540.16	N3232.329	W09625.669
	ILEZY	N330550.66	W0963538.65	N3305.844	W09635.644
	ONEME	N325949.81	W0963554.49	N3259.830	W09635.908
	TACKE	N323341.14	W0963947.50	N3233.686	W09639.792
	VELCI	N332227.43	W0963454.74	N3322.457	W09634.912
	RW35	N331006.01	W0963527.42	N3310.100	W09635.457

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00585	45

06/08/2006

CITY AND STATE
DALLAS, TX

ELEVATION: 585 TDZE: 585
 AIRPORT NAME:
 COLLIN COUNTY RGNL AT MC KINNEY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 35, AMDT 1
 17 DEC 2009

SUP:
 AMDT: ORIG
 DATED: 06/08/2006

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17, BUSH 29' FROM DER, 499' RIGHT OF CENTERLINE, 5' AGL/591' MSL. OL ON DME 400' FROM DER, 266' RIGHT OF CENTERLINE, 16' AGL/602' MSL. TREES 784' FROM DER, 574' RIGHT OF CENTERLINE, 39' AGL/625' MSL.
NOTE: RWY 35, TREES 1060' FROM DER, 634' RIGHT OF CENTERLINE, 65' AGL/605' MSL. TREES BEGINNING 1532' FROM DER, 632' LEFT OF CENTERLINE, UP TO 79' AGL/626' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State DALLAS, TX	(6) Airport COLLIN COUNTY RGNL AT MC KINNEY	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 1

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

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

TERMINAL ROUTES

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 17 DEC 2009

QUALITY
CHECKED

CITY AND STATE

KILLEEN, TX

ELEVATION: 848

TDZE: 844

AIRPORT NAME:

SKYLARK FIELD

FACILITY

IDENTIFIER:

ILE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

NDB OR GPS RWY 1, AMDT 5C, 06/05/2008

SUP

AMDT

5B

DATE

08/10/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW17
ANEYI	LICIN (FO)	334.52 / 8.55	9800	CLIMBING RIGHT TURN TO 9000 DIRECT LICIN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.
EMONT (IAF)	LICIN (NOPT) (FB)	152.80 / 12.85	8100	
SALTA (IAF)	LICIN (NOPT) (FB)	258.49 / 8.88	8100	
TIMPI (IAF)	LICIN (NOPT) (FB)	067.72 / 13.38	8100	
LICIN (IF/IAF)	JONEK (FB)	166.12 / 7.82	6100	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 4379 POWERLINE 403843N/1122118W CHART VDP AT 1.29 MILES TO RW17. JONEK TO RW17: 3.05/55. CHART: R-6403

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N LICIN, RT, 166.12 INBOUND, 8100 FT. IN LIEU OF PT (IAF)
- FAC: 166.12 FAF: JONEK DIST FAF TO MAP: 5.48 THLD: 5.48
- MIN. ALT: LICIN 8100, JONEK 6100
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW17 12600

MAG VAR: 13E

EPOCH YEAR: 2005

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	4740	3/4	443	4740	3/4	443	4740	3/4	443	4740	1	443				
CIRCLING	4820	1	498	4840	1	518	4860	1 1/2	538	4940	2	618				

NOTES:
CHART NOTE: CIRCLING TO RWY 35 NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALT LAKE CITY INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CAT C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE TOOELE, UT	ELEVATION: 4322 TDZE: 4297 AIRPORT NAME: BOLINDER FIELD-TOOELE VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2A 17 DEC 2009	SUP: RNAV (GPS) 2 RWY 17 AMDT: 2 DATED 08/27/2009

**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 NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A AND B VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING SALT LAKE CITY INTL ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY 1/4 MILE

CHART NOTE: VDP NA WHEN USING SALT LAKE CITY INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT EMONT VIA V257 NORTHBOUND.

QUALITY
CHECKED

CITY AND STATE
TOOELE, UT

ELEVATION: 4322 TDZE: 4297
AIRPORT NAME:
BOLINDER FIELD-TOOELE VALLEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 2A
17 DEC 2009

SUP: RNAV (GPS) Z RWY
17
AMDT: 2
DATED: 08/27/2009

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KTVYK2FR17	AANEYI	010ANEYIK2EA0E	IF							18000		B JS	
SUSAP KTVYK2FR17	AANEYI	020LICINK2EA0EY	A 020TF			33450085	+	09800				B JS	
SUSAP KTVYK2FR17	AANEYI	030LICINK2EA0EE	AR HF			16610070	+	08100				B JS	
SUSAP KTVYK2FR17	AEMONT	010EMONTK2EA0E	A IF							18000		B JS	
SUSAP KTVYK2FR17	AEMONT	020LICINK2EA0EE	B 010TF			15280129	+	08100				B JS	
SUSAP KTVYK2FR17	ASALTA	010SALTAK2EA0E	A IF							18000		B JS	
SUSAP KTVYK2FR17	ASALTA	020LICINK2EA0EE	B 010TF			25850089	+	08100				B JS	
SUSAP KTVYK2FR17	ATIMPI	010TIMPIK2EA0E	A IF							18000		B JS	
SUSAP KTVYK2FR17	ATIMPI	020LICINK2EA0EE	B 010TF			06770134	+	08100				B JS	
SUSAP KTVYK2FR17	R	010LICINK2EA0E	I IF				+	08100		18000		B JS	
SUSAP KTVYK2FR17	R	020JONEKK2EA1E	F 051TF			16610078	+	06100			RW17	K2PGB JS	
SUSAP KTVYK2FR17	R	020JONEKK2EA2WN		N		ALNAV						JS	
SUSAP KTVYK2FR17	R	030RW17 K2PG0GY	M 031TF			16610055		04328		-305		B JS	
SUSAP KTVYK2FR17	R	040	Q M 010CA			1661	+	04722				B JS	
SUSAP KTVYK2FR17	R	050LICINK2EA0EY	R010DF				+	09000				B JS	
SUSAP KTVYK2FR17	R	060LICINK2EA0EE	R020HM			16610070	+	09000				B JS	

[illegible]

QUALITY
CH

CITY AND STATE TOOELE, UT	ELEVATION: 4322 TDZE: 4297 AIRPORT NAME: BOLINDER FIELD-TOOELE VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2A 17 DEC 2009	SUP: RNAV (GPS) Z RWY 17
				AMDT: 2
				DATED: 08/27/2009

**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
6
CHECKED

ELEVATION: 4322 TDZE: 4297
AIRPORT NAME:
BOLINDER FIELD-TOOELE VALLEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 2A
17 DEC 2009

SUP:	RNAV (GPS) Z RWY 17
AMDT:	2
DATED:	08/27/2009

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ANEYI	ANEYI	010		IF		FB				
	ANEYI	LICIN	020	IAF	TF		FO	2.0	334.5 (348T)	008.6	09800
	ANEYI	LICIN	030	IAF	HF	R	FO		166.1 (179T)	007.0	08100
	EMONT	EMONT	010	IAF	IF		FB				
	EMONT	LICIN	020	IF	TF		FB	1.0	152.8 (166T)	012.9	08100
	SALTA	SALTA	010	IAF	IF		FB				
	SALTA	LICIN	020	IF	TF		FB	1.0	258.5 (272T)	008.9	08100
	TIMPI	TIMPI	010	IAF	IF		FB				
	TIMPI	LICIN	020	IF	TF		FB	1.0	067.7 (081T)	013.4	08100
		LICIN	010	FACF	IF		FB				08100
		JONEK	020	PAF	TF		FB	0.5	166.1 (179T)	007.8	06100
		RW17	030	MAP	TF		FO	0.3	166.1 (179T)	005.5	04328

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	166.1 (179T)		04722
	LICIN	050		DF	R	FO	1.0			09000
	LICIN	060		HM	R	FO	2.0	166.1 (179T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANEYI	N404212.77	W1121853.58	N4042.213	W11218.893
	EMONT	N410302.01	W1122528.84	N4103.034	W11225.481
	JONEK	N404244.30	W1122110.05	N4042.738	W11221.168
	LICIN	N405033.75	W1122119.56	N4050.563	W11221.326
	SALTA	N405020.44	W1120937.80	N4050.341	W11209.630
	TIMPI	N404825.55	W1123843.33	N4048.426	W11238.722
	RW17	N403715.33	W1122103.41	N4037.256	W11221.057

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	04273		55

QUALITY
6
CHECKED

CITY AND STATE
TOOELE, UT

ELEVATION: 4322 TDZE: 4297
 AIRPORT NAME:
 BOLINDER FIELD-TOOELE VALLEY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 17, AMDT 2A
 17 DEC 2009

SUP: RNAV (GPS) Z RWY
17
 AMDT: 2
 DATED: 08/27/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 17 DEC 2009



CITY AND STATE TOOELE, UT	ELEVATION: 4322 TDZE: 4297 AIRPORT NAME: BOLINDER FIELD-TOOELE VALLEY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 17, ORIG, 08/27/2009	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 16, NA - TERRAIN

RWY 34, 500-3 OR STANDARD WITH MINIMUM CLIMB OF 224 FEET PER NM TO 600.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 34 - CLIMBING RIGHT TURN TO 2000 TO INTERCEPT HUH VORTAC R-210 TO HUH VORTAC, THEN CLIMB-IN-HOLD (HOLD S, LT, 351.88 INBOUND) TO CROSS HUH VORTAC AT OR ABOVE 3800 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 34, TREES BEGINNING 330' FROM DER, 411' LEFT OF CENTERLINE, UP TO 120' AGL/139' MSL.

(4) CONTROLLING OBSTACLES:

RWY 34: 2770 TOWER 484049.67N-1225026.71W, 439 AAO 484516.40N-1225436.04W

QUALITY
2
CHECKED

(5) City, State EASTSOUND, WA	(6) Airport ORCAS ISLAND	(7) Effective Date 17 DEC 2009	(8) Amdt. No. 1

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.69 MILES AFTER CUTMO INT/MKE 7.68 DME/RADAR OR AT I-MKE 1.99 DME FIX CLIMB TO 2900 THEN LEFT TURN DIRECT BAE VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2900 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 065 AND LJT VOR/DME R-086 TO PROOT INT AND HOLD N, RT, 172.46 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N PROOT INT, RT, 172.46 INBOUND. CHART FAS OBST: 784 TREE 425517N/0875410W CHART FAS OBST: 749 ROD ON OL GS 425604N/0875343W CHART VDP AT 2.82 DME; DISTANCE VDP TO THLD 0.83 MILES. CHART IN PLANVIEW: PROOT INT.	
BAE VORTAC	CUTMO INT/I-MKE 7.68 DME/RADAR	133.64 / 23.41	2700		
NOVAC INT/I-MKE 11.53 DME/RADAR (IF)	CUTMO INT/I-MKE 7.68 DME/RADAR (NOPT)	009.16 / 3.85	2600		
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S CUTMO, RT, 009.16 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: 009.16 FAF: CUTMO INT/I-MKE 7.68 DME/RADAR DIST FAF TO MAP: 5.69 THLD: 5.69 4. MIN. ALT: CUTMO 2600 5. DIST TO THLD FROM OM: - MM: 0.44 IM: 824 150 HAT: - 100 HAT: 836 GS ANT: 1251 6. MIN GS INCPT: 2600 GS ALT AT: CUTMO INT/I-MKE 7.68 DME/RADAR 2600 OM: - MM: 900 IM: 803 7. GS ANGLE: 3.00 TCH: 56.6 8. MSA FROM: HRK VOR/DME 270-090 2900, 090-270 2400				MAG VAR: 2W EPOCH YEAR: 1995	
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 1L	904	1800	200	904	1800
S-LOC 1L	1040	2400	336	1040	2400
SIDESTEP 1R	1040	1	363	1040	1 1/2
CIRCLING	1240	1	517	1240	1 1/2
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS -1L: CAT A, B, C, D, RA 98, RVR 1200, DA 804 MSL, HAT/HAT 100. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS -1L: CAT IIIA RVR 700; CAT A,B,C,D. CAT IIIB RVR 600; A,B,C,D. CAT IIIC N/A. SEE 8260-10					
CITY AND STATE		ELEVATION: 723 TDZE: 1L 704 AIRPORT NAME: TDZE: 1R 677		FACILITY IDENTIFIER: I-MKE	
MILWAUKEE, WI		GENERAL MITCHELL INTERNATIONAL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 1L, AMDT 9 ILS RWY 1L (CAT II), ILS RWY 1L (CAT III) 17 DEC 2009	
		SUP:		AMDT: 8A	
		DATED		08/05/2004	

 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 NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-LOC 1L CAT D VISIBILITY TO RVR 5000.****CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.****CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT NOVAC.**

QUALITY
2
CHECKED

CITY AND STATE

MILWAUKEE, WI

ELEVATION: 723

AIRPORT NAME:

GENERAL MITCHELL INTERNATIONAL

TDZE: 1L 704

TDZE: 1R 677

FACILITY
IDENTIFIER:

I-MKE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 1L, AMDT 9
ILS RWY 1L (CAT II), ILS RWY 1L (CAT III)

17 DEC 2009

SUP:

AMDT:

8A

DATED:

08/05/2004

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														
BAE VORTAC	JUTAX (FO)	147.43 / 27.57	2700	LPV: DA LNAV/VNAV: DA LNAV: RW01L CLIMB TO 2900 DIRECT HOVER THEN LEFT TURN VIA TRACK 277.20 TO BAE VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 831 TREE 425527N/0875414W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.02 MILES TO RW01L* *LNAV ONLY. WAAS CHANNEL # 62816 REFERENCE PATH ID: W01A													
PETTY	JUTAX (FO)	249.80 / 14.16	2700														
WIPED (IAF)	JUTAX (NOPT) (FB)	090.53 / 9.31	2700														
JUTAX (IF/IAF)	CUTMO (FB)	009.14 / 6.01	2600														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S JUTAX, RT, 009.14 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 009.15 FAF: CUTMO DIST FAF TO MAP: 5.69 THLD: 5.69 4. MIN. ALT: JUTAX 2700, CUTMO 2600 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2600 GS ALT AT: CUTMO OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 56.6 34:1 IS CLEAR 8. MSA FROM: RW01L 2900										MAG VAR: 2W		EPOCH YEAR: 1995					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD					
CATEGORY ==>		A			B			C			D			E			
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA		904	2400	200	904	2400	200	904	2400	200	904	2400	200				
LNAV/VNAV DA		1101	4000	397	1101	4000	397	1101	4000	397	1101	4000	397				
LNAV MDA		1100	2400	396	1100	2400	396	1100	2400	396	1100	5000	396				
CIRCLING		1240	1	517	1240	1	517	1240	1 1/2	517	1280	2	557				
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 GLIDE PATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BAE VORTAC AIRWAY RADIALS 085 CW 191. CHART NOTE: FOR INOPERATIVE ALSF-2 INCREASE LNAV CAT D VISIBILITY TO RVR 6000.																	
CITY AND STATE				ELEVATION: 723 TDZE: 704				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
MILWAUKEE, WI				AIRPORT NAME:								RNAV (GPS) RWY 1L, AMDT 1				AMDT: ORIG	
				GENERAL MITCHELL INTERNATIONAL								17 DEC 2009				DATED 10/30/2003	

QUALITY
 2
 CHECKED

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW01L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	425552.7300N
LTP/FTP LONGITUDE	0875351.0200W
LTP/FTP ELLIPSOIDAL HEIGHT	+01795
FPAP LATITUDE	425740.1500N
FPAP LONGITUDE	0875332.6500W
THRESHOLD CROSSING HEIGHT (TCH)	00056.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0384
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

22C7FF1D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02145
FPAP ORTHOMETRIC HEIGHT	+02145

CITY AND STATE
MILWAUKEE, WI

ELEVATION: 723 TDZE: 704
AIRPORT NAME:
GENERAL MITCHELL INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1L, AMDT 1
17 DEC 2009

SUP:
AMDT: ORIG
DATED: 10/30/2003

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[illegible]

QUALITY
1
CHECKED

CITY AND STATE MILWAUKEE, WI	ELEVATION: 723 TDZE: 704 AIRPORT NAME: GENERAL MITCHELL INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1L, AMDT 1 17 DEC 2009	SUP:
				AMDT: ORIG
				DATED: 10/30/2003

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

SUSAP KMKEK5GRW01L 0096900092 N42555273W087535102-0300 +0179500704000057200I

SUSAP KMKEK5PR01L	RW01L001	0000W01A0N4255527300W08753510200+017950300N4257401500W08753326500106750384000566F40035022C7FF1D
SUSAP KMKEK5PR01L	RW01L002E	+02145+02145LPV 62816

SUSAP KMKEK5SRW01LK5PG 0 18018002925 M

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BAE	BAE	010		IF		FB				
	BAE	JUTAX	020		TF		FO	2.0	147.4(145T)	027.6	02700
	BAE	JUTAX	030	IAF	HF	R	FO		009.1(007T)	004.0	02700
	PETTY	PETTY	010		IF		FB				
	PETTY	JUTAX	020		TF		FO	2.0	249.8(248T)	014.2	02700
	PETTY	JUTAX	030	IAF	HF	R	FO		009.1(007T)	004.0	02700
	WIPED	WIPED	010	IAF	IF		FB				
	WIPED	JUTAX	020		TF		FB	1.0	090.5(089T)	009.3	02700
		JUTAX	010	FACF	IF		FB				02700
		CUTMO	020	FAF	TF		FB	0.5	009.1(007T)	006.0	02600
		RW01L	030	MAP	TF		FO	0.3	009.2(007T)	005.7	00760

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HOVEP	040		DF		FB	1.0			02900
	BAE	050		TF	L	FO	1.0	277.2(275T)		02900
	BAE	060		HM	R	FO	2.0	090.0(088T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.65	N4307.011	W08817.061
	CUTMO	N425014.06	W0875448.83	N4250.234	W08754.814
	HOVEP	N430524.06	W0875213.11	N4305.401	W08752.219
	JUTAX	N424416.00	W0875549.75	N4244.267	W08755.829
	PETTY	N424938.48	W0873802.11	N4249.641	W08738.035
	WIPED	N424402.34	W0880827.33	N4244.039	W08808.456
	RW01L	N425552.73	W0875351.02	N4255.879	W08753.850

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW01L	00704		57

CITY AND STATE
MILWAUKEE, WI

ELEVATION: 723 TDZE: 704
 AIRPORT NAME:
 GENERAL MITCHELL INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 1L, AMDT 1
 17 DEC 2009

SUP:
 AMDT: ORIG
 DATED: 10/30/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES										MISSED APPROACH										
FROM			TO			COURSE AND DISTANCE			ALTITUDE		MAP: 5.34 MILES AFTER DOUGY LOM OR AT I-DOF 1.11 DME FIX									
KRSMS INT RHI VORTAC (IAF) KAPNE INT/I-DOF 12.47 DME (IF)			DOUGY LOM/I-DOF 6.45 DME			105.85 / 12.78			3300		CLIMB TO 3300 THEN RIGHT TURN DIRECT DO LOM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 000.93 INBOUND. CHART FAS OBST: 1729 TREE 455515N/0894406W FAS OBST: 1839 AAO 455126N/0894331W 1889 AAO 455057N/0894303W CHART TDZE: 1627. CHART AIRPORT ELEVATION: 1629.									
			KAPNE INT/I-DOF 12.47 DME (NOPT)			296.12 / 12.86			3200											
			DOUGY LOM/I-DOF 6.45 DME			000.93 / 6.02 (I-DOF)			3200											
1. PT <u>R</u> SIDE OF COURSE <u>180.93</u> OUTBOUND <u>3300</u> FT WITHIN <u>10</u> MILES OF <u>DOUGY LOM</u> (IAF) 2. _____ 3. FAC <u>000.93</u> FAF <u>DOUGY LOM/I-DOF 6.45 DME</u> DIST FAF TO MAP <u>5.34</u> THLD <u>5.34</u> 4. MIN. ALT <u>DOUGY LOM 3200, EBIWE/I-DOF 2.61 DME 2100*</u> 8. MSA FROM: <u>DO LOM 360-090 3300, 090-360 4400</u>										MAG VAR: 2W EPOCH YEAR: 2010										
MINIMUMS																				
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: NA		X							
CATEGORY =====>		A			B			C			D			E						
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
S-36	2100	1	473	2100	1	473	2100	1	473	2100	1	473								
CIRCLING	2100	1	471	2100	1	471	2200	1 1/2	571	2200	2	571								
EBIWE FIX MINIMUMS																				
S-36	1980	1	353	1980	1	353	1980	1	353	1980	1	353								
CIRCLING	2100	1	471	2100	1	471	2200	1 1/2	571	2200	2	571								
NOTES: CHART NOTE: ADF REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *2160 WHEN USING EAGLE RIVER ALTIMETER SETTING. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-36 CATS A, B AND EBIWE FIX MINIMUMS S-36 CATS A, SEE 8260-10																				
CITY AND STATE				ELEVATION: 1629 TDZE: 1627				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP				
MINOCQUA-WOODRUFF, WI				AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD				I-DOF				LOC RWY 36, AMDT 1 17 DEC 2009				AMDT ORIG				
																DATE 07/20/1995				



LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

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NOTES CONT.

B, C.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-36 CAT C VISIBILITY 1/4 MILE AND EBIWE FIX MINIMUMS

CAT D VISIBILITY 1/4 MILE.

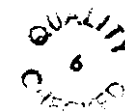
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EAGLE RIVER ALTIMETER SETTING AND

INCREASE ALL MDA 60 FEET AND INCREASE S-36 CAT D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING EAGLE RIVER ALTIMETER SETTING, INCREASE EBIWE FIX

MINIMUMS CATS C, D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RHI VORTAC AIRWAY RADIALS 241 CW 331.



CITY AND STATE

MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1627

AIRPORT NAME:

LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:

I-DOF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC RWY 36, AMDT 1

17 DEC 2009

SUP:

AMDT: ORIG

DATED: 07/20/1995

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: ARV NDB CLIMB TO 3300 THEN LEFT TURN DIRECT ARV NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 290.94 INBOUND. FAS OBST: 1889 AAO 455455N/0893745W SAYNE TO RW28: 3.06/37. CHART TDZE: 1625. CHART AIRPORT ELEVATION: 1629. FAC CROSSES RWY C/L EXTENDED 2611 FROM THLD.											
KRSMS INT	ARV NDB	080.96 / 12.68	3300												
ARV NDB	SAYNE INT	110.94 / 3.58	3300												
1. PT <u>L</u> SIDE OF COURSE <u>110.94</u> OUTBOUND <u>3300</u> FT WITHIN <u>10</u> MILES OF <u>SAYNE INT</u> (IAF) 2. 3. FAC <u>290.94</u> FAF <u>SAYNE INT</u> DIST FAF TO MAP <u> </u> THLD <u>3.20</u> 4. MIN. ALT <u>SAYNE 2700</u> 8. MSA FROM: <u>ARV NDB 360-090 3300, 090-360 4400</u>					MAG VAR: <u>2W</u> EPOCH YEAR: <u>2010</u>										
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-28	2200	1	575	2200	1	575	2200	1 1/2	575	2200	1 3/4	575			
CIRCLING	2200	1	571	2200	1	571	2200	1 1/2	571	2200	2	571			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE S-28 CATS C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE.															
CITY AND STATE MINOCQUA-WOODRUFF, WI				ELEVATION: 1629 TDZE: 1625 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD				FACILITY IDENTIFIER: ARV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 28, AMDT 12 17 DEC 2009			
												SUP NDB OR GPS RWY 28 AMDT 11A DATE 06/14/1995			

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: _____																																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="8">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="4">ALTERNATE: N A _____</td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															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																																																																																
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 <u>17 DEC 2009</u>																																																																																																																																												
CITY AND STATE MINOCQUA-WOODRUFF, WI			ELEVATION: 1629 TDZE: 1629 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD				FACILITY IDENTIFIER: ARV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 18, AMDT 12A, 06/14/1995				SUP AMDT 12 DATE 5/27/93																																																																																																																															

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

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TERMINAL ROUTES				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 17 DEC 2009

1
CANCELED

CITY AND STATE MINOCQUA-WOODRUFF, WI	ELEVATION: 1629 TDZE: 1627 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD	FACILITY IDENTIFIER: DOF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 36, AMDT 9A, 06/14/1995	SUP AMDT 9 DATE 5/27/93

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				
DINER	FEGOG (FB)	256.68 / 18.95	3400	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 6000 DIRECT CEPMU AND RIGHT TURN VIA TRACK 283.26 TO KRSMS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.			
IWD VORTAC	ICEGY (FB)	157.89 / 27.40	3300				
FEGOG (IAF)	MIGPY (NOPT) (FB)	271.02 / 5.00	3300	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.52 INBOUND. CHART FAS OBST: 1789 TREE 455726N/0894337W DISTANCE TO THLD FROM 344 HAT: 0.94 NM. CHART VDP AT 1.15 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 72915 REFERENCE PATH ID: W18A			
ICEGY (IAF)	MIGPY (NOPT) (FB)	090.84 / 5.00	3300				
MIGPY (IF/IAF)	PEHEK (FB)	180.93 / 6.02	3200				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)							
2. HOLD N MIGPY, RT, 180.93 INBOUND, 3300 FT. IN LIEU OF PT (IAF)							
3. FAC: 180.93 FAF: PEHEK DIST FAF TO MAP: 4.73 THLD: 4.73							
4. MIN. ALT: MIGPY 3300, PEHEK 3200, RMIW/1.70 NM TO RW18 2200*							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____							
6. MIN GS INCPT: 3200 GS ALT AT: PEHEK OM: _____ MM: _____ IM: _____							
7. GS ANGLE: 3.00 TCH: 44.0 34:1 IS NOT CLEAR							
8. MSA FROM: RW18 4400							

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	1973	1 1/4	344	1973	1 1/4	344	1973	1 1/4	344	1973	1 1/4	344			
LNAV/VNAV DA	2100	1 3/4	471	2100	1 3/4	471	2100	1 3/4	471	2100	1 3/4	471			
LNAV MDA	2040	1	411	2040	1	411	2040	1 1/4	411	2040	1 1/4	411			
CIRCLING	2100	1	471	2100	1	471	2200	1 1/2	571	2200	2	571			

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.
 *LNAV ONLY
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1629 TDZE: 1629	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MINOCQUA-WOODRUFF, WI	AIRPORT NAME:		RNAV (GPS) RWY 18, ORIG	AMDT: NONE
	LAKELAND/NOBLE F. LEE MEMORIAL FIELD		17 DEC 2009	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 EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET, INCREASE LNAV CAT D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON IWD VORTAC AIRWAY RADIALS 115 CW 210.

QUALITY
6
CHECKED

CITY AND STATE

MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1629

AIRPORT NAME:

LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KARV
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 455615.8110N
LTP/FTP LONGITUDE 0894358.9005W
LTP/FTP ELLIPSOIDAL HEIGHT +04655
FPAP LATITUDE 455446.7500N
FPAP LONGITUDE 0894356.5200W
THRESHOLD CROSSING HEIGHT (TCH) 00044.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1184
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

3309345C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +04966
FPAP ORTHOMETRIC HEIGHT +04966

QUALITY
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CHECKED

CITY AND STATE
MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1629
AIRPORT NAME:
LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG
17 DEC 2009

SUP:
AMDT: NONE
DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KARVK5FR18	ADINER	010DINERK5EA0E	IF						18000			A JS	
SUSAP KARVK5FR18	ADINER	020FEGOGK5EA0E	A 020TF			25670190		+ 03400				A JS	
SUSAP KARVK5FR18	ADINER	030MIGPYK5EA0EE	010TF			27100050		+ 03300				A JS	
SUSAP KARVK5FR18	AIWD	010IWD K5D 0V	IF						18000			A JS	
SUSAP KARVK5FR18	AIWD	020ICEGYK5EA0E	A 020TF			15790274		+ 03300				A JS	
SUSAP KARVK5FR18	AIWD	030MIGPYK5EA0EE	010TF			09080050		+ 03300				A JS	
SUSAP KARVK5FR18	AMIGPY	010MIGPYK5EA0EE	AR HF			18090040		+ 03300	18000			A JS	
SUSAP KARVK5FR18	R	010MIGPYK5EA0E	I IF					+ 03300	18000			A JS	
SUSAP KARVK5FR18	R	020PEHEKK5EA1E	F 051TF			18090060		+ 03200			RW18 K5PGA	JS	
SUSAP KARVK5FR18	R	020PEHEKK5EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP KARVK5FR18	R	021RAMIWK5EA0E	S 031TF			18090030		V 0220002218		-300		A JS	
SUSAP KARVK5FR18	R	030RW18 K5PG0GY	M 031TF			18090017		01673		-300		A JS	
SUSAP KARVK5FR18	R	040CEPMUK5EA0E	M 010DF									A JS	
SUSAP KARVK5FR18	R	050KRSMK5EA0EY	R010TFY			2833		+ 06000				A JS	

QUALITY
CHECKED

CITY AND STATE MINOCQUA-WOODRUFF, WI	ELEVATION: 1629 TDZE: 1629 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

A JS

SUSAP KARVK5SRW18 K5PG	0	18018004425	M

QUALITY
CHECKED

PAGE 5 OF 6 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DINER	DINER	010		IF		FB				
	DINER	FEGOG	020	IAF	TF		FB	2.0	256.7 (255T)	019.0	03400
	DINER	MIGPY	030		TF		FB	1.0	271.0 (269T)	005.0	03300
	IWD	IWD	010		IF		FB				
	IWD	ICEGY	020	IAF	TF		FB	2.0	157.9 (156T)	027.4	03300
	IWD	MIGPY	030		TF		FB	1.0	090.8 (089T)	005.0	03300
	MIGPY	MIGPY	010	IAF	HF	R	FO		180.9 (179T)	004.0	03300
		MIGPY	010	FACF	IF		FB				03300
		PEHEK	020	FAF	TF		FB	0.5	180.9 (179T)	006.0	03200
		RAMIW	021	SDF	TF		FB	0.3	180.9 (179T)	003.0	0220002218
		RW18	030	MAP	TF		FO	0.3	180.9 (179T)	001.7	01673

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CEPMU	040		DF		FB	1.0			
	KRSMS	050		TF	R	FO	1.0	283.3 (281T)		06000
	KRSMS	060		HM	R	FO	2.0	122.5 (121T)	005.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IWD	N463156.11	W0900733.03	N4631.935	W09007.551
	CEPMU	N455040.31	W0894349.93	N4550.672	W08943.832
	DINER	N461209.22	W0891048.30	N4612.154	W08910.805
	FEGOG	N460705.88	W0893705.02	N4607.098	W08937.084
	ICEGY	N460654.68	W0895127.38	N4606.911	W08951.456
	KRSMS	N455307.03	W0900134.59	N4553.117	W09001.577
	MIGPY	N460700.51	W0894416.21	N4607.009	W08944.270
	PEHEK	N460059.58	W0894406.51	N4600.993	W08944.109
	RAMIW	N455757.76	W0894401.63	N4557.963	W08944.027
	RW18	N455615.81	W0894358.90	N4556.264	W08943.982

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	01629		44

QUALITY
CHECKED

CITY AND STATE

MINOCQUA-WOODRUFF, WI

ELEVATION: 1629

TDZE: 1629

AIRPORT NAME:

LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW28 CLIMB TO 6000 DIRECT OBUVE AND VIA TRACK 248.74 TO KRSMS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.52 INBOUND. FAS OBST: 1889 AAO 455455N/0893745W CHART VDP AT 1.51 MILES TO RW28. ANGIW TO RW28: 3.04/37. CHART: 1989 TOWER 455320N/0893637W.	
DINER	LAVGE (FB)	220.81 / 17.75	3400		
RHI VORTAC	HASNI (FB)	354.55 / 10.55	3300		
LAVGE (IAF)	FAXUV (FB)	192.75 / 5.00	3300		
HASNI (IAF)	FAXUV (FB)	012.71 / 5.00	3300		
FAXUV (IF)	ANGIW (FB)	282.73 / 6.02	3200		

1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. PROFILE STARTS AT FAXUV	
3. FAC: <u>282.63</u> FAF: <u>ANGIW</u> DIST FAF TO MAP: <u>4.77</u> THLD: <u>4.77</u>	
4. MIN. ALT: <u>FAXUV 3300, ANGIW 3200</u>	
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: <u>34:1 IS CLEAR</u>	
8. MSA FROM: <u>RW28 4400</u>	

MAG VAR: 2W 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	2140	1	515	2140	1	515	2140	1 1/2	515	2140	1 3/4	515			
CIRCLING	2140	1	511	2140	1	511	2200	1 1/2	571	2200	2	571			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.
 CHART NOTE: VDP NA WHEN USING EAGLE RIVER ALTIMETER SETTING.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RHI VORTAC AIRWAY RADIAL S 301 CW 021.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1629 TDZE: 1625	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MINOCQUA-WOODRUFF, WI	AIRPORT NAME:		RNAV (GPS) RWY 28, ORIG	AMDT: NONE
	LAKELAND/NOBLE F. LEE MEMORIAL FIELD		17 DEC 2009	DATED

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KARVK5FR28	ADINER	010DINERK5EA0E	IF							18000		B JS	
SUSAP KARVK5FR28	ADINER	020LAVGEK5EA0E	A 020TF			22080178		+ 03400				B JS	
SUSAP KARVK5FR28	ADINER	030FAXUVK5EA0EE	010TF			19280050		+ 03300				B JS	
SUSAP KARVK5FR28	ARHI	010RHI K5D 0V	IF							18000		B JS	
SUSAP KARVK5FR28	ARHI	020HASNIK5EA0E	A 020TF			35460106		+ 03300				B JS	
SUSAP KARVK5FR28	ARHI	030FAXUVK5EA0EE	010TF			01270050		+ 03300				B JS	
SUSAP KARVK5FR28	R	010FAXUVK5EA0E	I IF					+ 03300		18000		B JS	
SUSAP KARVK5FR28	R	020ANGIWK5EA1E	F 051TF			28270060		+ 03200			RW28 K5PGB	JS	
SUSAP KARVK5FR28	R	020ANGIWK5EA2WN		N	ALNAV							JS	
SUSAP KARVK5FR28	R	030RW28 K5PG0GY	M 031TF			28260048		01660		-304		B JS	
SUSAP KARVK5FR28	R	040OBUEVK5EA0E	M 010DF									B JS	
SUSAP KARVK5FR28	R	050KRSM5K5EA0EY	010TF			2487		+ 06000				B JS	
SUSAP KARVK5FR28	R	060KRSM5K5EA0EE	R020HM			12250050		+ 06000				B JS	

QUALITY
1
CHECKED

CITY AND STATE MINOCQUA-WOODRUFF, WI	ELEVATION: 1629 TDZE: 1625 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KARVK5GRW28 0036032826 N45552318W089431661+0000 +0463401623000037075R

SUSAP KARVK5SRW28 K5PG 0 18018004425 M

QUALITY
1
CHECKED

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	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DINER	DINER	010		IF		FB				
	DINER	LAVGE	020	IAP	TF		FB	2.0	220.8 (219T)	017.8	03400
	DINER	FAXUV	030		TF		FB	1.0	192.8 (191T)	005.0	03300
	RHI	RHI	010		IF		FB				
	RHI	HASNI	020	IAP	TF		FB	2.0	354.6 (353T)	010.6	03300
	RHI	FAXUV	030		TF		FB	1.0	012.7 (011T)	005.0	03300
		FAXUV	010	FACF	IF		FB				03300
		ANGIW	020	FAP	TF		FB	0.5	282.7 (281T)	006.0	03200
		RW28	030	MAP	TF		FO	0.3	282.6 (281T)	004.8	01660

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OBUVE	040		DF		FB	1.0			
	KRSMS	050		TF		FO	1.0	248.7 (247T)		06000
	KRSMS	060		HM	R	FO	2.0	122.5 (121T)	005.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RHI	N453801.59	W0892728.04	N4538.027	W08927.467
	ANGIW	N455430.56	W0893633.39	N4554.509	W08936.557
	DINER	N461209.22	W0891048.30	N4612.154	W08910.805
	FAXUV	N455323.67	W0892805.43	N4553.395	W08928.091
	HASNI	N454828.98	W0892925.28	N4548.483	W08929.421
	KRSMS	N455307.03	W0900134.59	N4553.117	W09001.577
	LAVGE	N455818.34	W0892645.35	N4558.306	W08926.756
	OBUVE	N455621.61	W0895048.16	N4556.360	W08950.803
	RW28	N455523.18	W0894316.61	N4555.386	W08943.277

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW28	01623	37

QUALITY
1
CHECKED

CITY AND STATE MINOCQUA-WOODRUFF, WI	ELEVATION: 1629 TDZE: 1625	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 17 DEC 2009	SUP:
	AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD			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	
BAITS	JALEV (FB)	040.73 / 32.32	3500	LPV: DA LNAV/VNAV: DA LNAV: RW36
RHI VORTAC	NAVTE (FB)	318.63 / 9.25	3200	
JALEV (IAF)	GEJUV (FB)	090.85 / 5.00	3200	CLIMB TO 3300 DIRECT MIGPY AND HOLD.
NAVTE (IAF)	GEJUV (FB)	271.01 / 5.00	3200	
GEJUV (IF)	CEPMU (FB)	000.93 / 6.02	3200	ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.93 INBOUND. CHART FAS OBST: 1729 TREE 455517N/0894315W CHART FAS OBST: 1729 TREE 455536N/0894414W DISTANCE TO THLD FROM 321 HAT: 0.88 NM. WAAS CHANNEL # 49115 REFERENCE PATH ID: W36A

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT GEJUV
3. FAC: 000.93 FAF: CEPMU DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: GEJUV 3200, CEPMU 3200, PESAE/1.70 NM TO RW36 2200*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 3200 GS ALT AT: OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW36 4400

MAG VAR: 2W

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	1948	1	321	1948	1	321	1948	1	321	1948	1	321			
LNAV/VNAV DA	1999	1	372	1999	1	372	1999	1	372	1999	1	372			
LNAV MDA	1980	1	353	1980	1	353	1980	1	353	1980	1	353			
CIRCLING	2100	1	471	2100	1	471	2200	1 1/2	571	2200	2	571			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING EAGLE RIVER ALTIMETER SETTING.
 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.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE	ELEVATION: 1629 TDZE: 1627	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MINOCQUA-WOODRUFF, WI	AIRPORT NAME:		RNAV (GPS) RWY 36, ORIG	AMDT: NONE
	LAKELAND/NOBLE F. LEE MEMORIAL FIELD		17 DEC 2009	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: INOPERATIVE TABLE DOES NOT APPLY TO RNAV CATS A, B, C.

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EAGLE RIVER ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO RNAV CATS A, B WHEN USING EAGLE RIVER ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING EAGLE RIVER ALTIMETER SETTING, INCREASE RNAV CATS C, D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RHI VORTAC AIRWAY RADIALS 301 CW 331.

QUALITY
6
CHECKED

CITY AND STATE

MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1627

AIRPORT NAME:

LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KARV
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 455524.9795N
LTP/FTP LONGITUDE 0894357.5445W
LTP/FTP ELLIPSOIDAL HEIGHT +04637
FPAP LATITUDE 455654.0400N
FPAP LONGITUDE 0894359.9200W
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 1184
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

42CCCCCA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +04948
FPAP ORTHOMETRIC HEIGHT +04948

QUALITY
6
CHECKED

CITY AND STATE

MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1627

AIRPORT NAME:

LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

17 DEC 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

QUALITY
1
CHECKED

CITY AND STATE MINOCQUA-WOODRUFF, WI	ELEVATION: 1629 TDZE: 1627 AIRPORT NAME: LAKELAND/NOBLE F. LEE MEMORIAL FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KARVK5GRW36 0051500009 N45552498W089435754+0100 +0463701624000045100R

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SUSAP KARVK5PR36 RW36 001 0000W36A0N4555249795W08943575445+046370300N4556540400W08943599200106751184000450F40050042CCCCCA
SUSAP KARVK5PR36 RW36 002E +04948+04948LPV 49115
```

SUSAP KARVK5SRW36 K5PG 0 18018004425 M

QUALITY
1
CHECKED

SUP:	
AMDT:	NONE
DATED:	

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

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

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAITS	BAITS	010		IF		FB				
	BAITS	JALEV	020	IAF	TF		FB	2.0	040.7 (039T)	032.3	03500
	BAITS	GEJUV	030		TF		FB	1.0	090.9 (089T)	005.0	03200
	RHI	RHI	010		IF		FB				
	RHI	NAVTE	020	IAF	TF		FB	2.0	318.6 (317T)	009.3	03200
	RHI	GEJUV	030		TF		FB	1.0	271.0 (269T)	005.0	03200
		GEJUV	010	FACF	IF		FB				03200
		CEPMU	020	FAF	TF		FB	0.5	000.9 (359T)	006.0	03200
		PESAE	021	SDF	TF		FB	0.3	000.9 (359T)	003.1	0220002213
		RW36	030	MAP	TF		FO	0.3	000.9 (359T)	001.7	01669

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MIGPY	040		DF		FO	1.0			03300
	MIGPY	050		HM	R	FO	2.0	180.9 (179T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RHI	N453801.59	W0892728.04	N4538.027	W08927.467
	BAITS	N451924.48	W0901941.02	N4519.408	W09019.684
	CEPMU	N455040.31	W0894349.93	N4550.672	W08943.832
	GEJUV	N454439.06	W0894340.31	N4544.651	W08943.672
	JALEV	N454433.24	W0895048.60	N4544.554	W08950.810
	MIGPY	N460700.51	W0894416.21	N4607.009	W08944.270
	NAVTE	N454444.44	W0893632.00	N4544.741	W08936.533
	PESAE	N455343.02	W0894354.81	N4553.717	W08943.914
	RW36	N455524.98	W0894357.54	N4555.416	W08943.959

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01624	45

QUALITY
1
CHECKED

CITY AND STATE
MINOCQUA-WOODRUFF, WI

ELEVATION: 1629 TDZE: 1627
 AIRPORT NAME:
 LAKELAND/NOBLE F. LEE MEMORIAL FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, ORIG
 17 DEC 2009

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, 18, 28, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 10, TREES BEGINNING 239' FROM DER, 545' RIGHT OF CENTERLINE, UP TO 100' AGL/1729' MSL. TREES BEGINNING 424' FROM DER, 576' LEFT OF CENTERLINE, UP TO 100' AGL/1729' MSL. NOTE: RWY 18, TREES BEGINNING 785' FROM DER, 482' RIGHT OF CENTERLINE, UP TO 100' AGL/1729' MSL. TREES BEGINNING 825' FROM DER, 506' LEFT OF CENTERLINE, UP TO 100' AGL/1729' MSL. NOTE: RWY 28, TREES BEGINNING 659' FROM DER, 564' RIGHT OF CENTERLINE, UP TO 100' AGL/1729' MSL. TREES BEGINNING 474' FROM DER, 432' LEFT OF CENTERLINE, UP TO 100' AGL/1729' MSL. NOTE: RWY 36, TREES AND WINDSOCK BEGINNING 157' FROM DER, 5' RIGHT OF CENTERLINE, UP TO 96' AGL/1725' MSL. TREES BEGINNING 1280' FROM DER, 29' LEFT OF CENTERLINE, UP TO 100' AGL/1749' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State MINOCQUA-WOODRUFF, WI	(6) Airport LAKELAND/NOBLE F. LEE MEMORIAL FIELD	(7) Effective Date 17 DEC 2009	(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		
FAH VOR/DME	CUVUN INT/I-HEV 6.87 DME	035.68 / 6.19	3000	ILS: DA LOC: I-HEV 1.29 DME FIX	
OSH VORTAC	CUVUN INT/I-HEV 6.87 DME	101.17 / 35.05	3000	CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3000 DIRECT FAH VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 338 AND OSH VORTAC R-111 TO LEWKO INT/OSH 15.07 DME AND HOLD E, RT, 291.18 INBOUND.	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 035.51 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E LEWKO INT/OSH 15.07 DME, RT, 291.18 INBOUND. CHART FAS OBST: 837 TREE 434654N/0875040W CHART R-6903. CHART VDP AT 2.31 DME; DISTANCE VDP TO THLD 1.03 MILES. CHART IN PLANVIEW: LEWKO INT/OSH 15.07 DME. CHART ARPT ELEVATION: 755 CHART: 879 TOWER 435142.00N/0874621.00W	
1. PT <u>L</u> SIDE OF COURSE <u>037.16</u> OUTBOUND <u>2600</u> FT WITHIN <u>10</u> MILES OF <u>CUVUN</u> (IAF) 2. _____ 3. FAC: <u>217.16</u> FAF: <u>CUVUN INT/I-HEV 6.87 DME</u> DIST FAF TO MAP: _____ THLD: <u>5.59</u> 4. MIN. ALT: <u>CUVUN 2600</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>1000</u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>CUVUN INT/I-HEV 6.87 DME 2600</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>49.7</u> 8. MSA FROM: <u>FAH VOR/DME 2700</u>					
				MAG VAR: 2W 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 21		992	1/2	249	992	1/2	249	992	1/2	249	992	1/2	249			
S-LOC 21		1120	1/2	377	1120	1/2	377	1120	1/2	377	1120	3/4	377			
CIRCLING		1220	1	465	1220	1	465	1220	1 1/2	465	1320	2	565			

NOTES:
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13/31 NA AT NIGHT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE DA 67 FEET AND INCREASE ALL MDA 80 FEET, INCREASE S-LOC 21 CAT C/D VISIBILITY 1/4 MILE.
 CHART NOTE: VDP NA WHEN USING MANITOWOC ALTIMETER SETTING.

SEE 8260-10

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 743	FACILITY IDENTIFIER: I-HEV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 21, AMDT 3 17 DEC 2009	SUP:
	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL			AMD'T: 2
				DATED 03/15/2007

QUALITY
6
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 NOTE: FOR INOPERATIVE MALSR WHEN USING MANITOWOC ALTIMETER SETTING INCREASE S-ILS 21 ALL CATS VISIBILITY TO 1 MILE.

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755 TDZE: 743

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:

I-HEV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 21, AMDT 3

17 DEC 2009

SUP:

AMDT: 2

DATED: 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	
NEROE	TORRU (FO)	210.93 / 48.06	3000	LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 3000 DIRECT JADNI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.27 INBOUND. CHART FAS OBST: 901 TOWER 434449N/0875231W CHART FAS OBST: 904 TWR 434441N/0875230W CHART R-6903. DISTANCE TO THLD FROM 297 HAT: 0.77 NM. WAAS CHANNEL # 61104 REFERENCE PATH ID: W03A
FAH VOR/DME	TORRU (FO)	217.89 / 12.42	3000	
WOKNO (IAF)	TORRU (NOPT) (FB)	306.86 / 12.37	3000	
CANUL (IAF)	TORRU (NOPT) (FB)	094.93 / 10.41	3000	
TORRU (IF/IAF)	JAMEK (FB)	037.04 / 6.01	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW TORRU, RT, 037.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 037.10 FAF: JAMEK DIST FAF TO MAP: 5.88 THLD: 5.88
- MIN. ALT: TORRU 3000, JAMEK 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: JAMEK OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.4 34:1 IS NOT CLEAR
- MSA FROM: RW03 2700

MAG VAR: 2W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF: <u> </u>	STANDARD <u>X</u>	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
LPV DA	1041	1	297	1041	1	297	1041	1	297	1041	1	297			
LNAV/VNAV DA	1214	1 3/4	470	1214	1 3/4	470	1214	1 3/4	470	1214	1 3/4	470			
LNAV MDA	1160	1	416	1160	1	416	1160	1 1/4	416	1160	1 1/4	416			
CIRCLING	1220	1	465	1220	1	465	1220	1 1/2	465	1320	2	565			

NOTES:
 CHART NOTE: WHEN VGS1 INOP, CIRCLING RWY 13/31 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING MANITOWOC 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.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 744 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 2 17 DEC 2009	SUP: AMDT: 1 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 NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE ALL DA 67 FEET AND ALL MDA 80 FEET, INCREASE LPV, LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITY 1/4 MILE.

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755 TDZE: 744

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, AMDT 2

17 DEC 2009

SUP:

AMDT: 1

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	KSBM
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	434547.4125N
LTP/FTP LONGITUDE	0875131.3625W
LTP/FTP ELLIPSOIDAL HEIGHT	+01911
FPAP LATITUDE	434700.2600N
FPAP LONGITUDE	0875020.5500W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
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)	50.0

CRC REMAINDER

C8B52150

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02268
FPAP ORTHOMETRIC HEIGHT	+02268

CITY AND STATE
SHEBOYGAN, WI

ELEVATION: 755 TDZE: 744
AIRPORT NAME:
SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, AMDT 2
17 DEC 2009

SUP:
AMDT: 1
DATED: 08/30/2007

QUALITY
2
CHECKED

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

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

ARINC PACKET - 424-18 - RNAV (GPS)[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSBMK5FR03	ACANUL	010CANULK5EA0E	A	IF						18000		A JS	
SUSAP KSBMK5FR03	ACANUL	020TORRUK5EA0EE		010TF		09490104	+	03000				A JS	
SUSAP KSBMK5FR03	FAFAH	010FAH	K5D	0V						18000		A JS	
SUSAP KSBMK5FR03	FAFAH	020TORRUK5EA0EY		020TF		21790124	+	03000				A JS	
SUSAP KSBMK5FR03	FAFAH	030TORRUK5EA0EE	AR	HF		03700040	+	03000				A JS	
SUSAP KSBMK5FR03	ANEROE	010NEROEK5EA0E		IF						18000		A JS	
SUSAP KSBMK5FR03	ANEROE	020TORRUK5EA0EY		020TF		21090481	+	03000				A JS	
SUSAP KSBMK5FR03	ANEROE	030TORRUK5EA0EE	AR	HF		03700040	+	03000				A JS	
SUSAP KSBMK5FR03	AWOKNO	010WOKNOK5EA0E	A	IF						18000		A JS	
SUSAP KSBMK5FR03	AWOKNO	020TORRUK5EA0EE		010TF		30690124	+	03000				A JS	
SUSAP KSBMK5FR03	R	010TORRUK5EA0E	I	IF			+	03000		18000		A JS	
SUSAP KSBMK5FR03	R	020JAMEKK5EA1E	F	051TF		03700060	+	02700			RW03	K5PGA	JS
SUSAP KSBMK5FR03	R	020JAMEKK5EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSBMK5FR03	R	030RW03	K5PG0GY	M	031TF	03710059		00796		-300		A JS	
SUSAP KSBMK5FR03	R	040JADNIK5EA0EYM		010DF			+	03000				A JS	
SUSAP KSBMK5FR03	R	050JADNIK5EA0EE		R020HM		21730040	+	03000				A JS	

QUALITY
CHECKED

CITY AND STATE
SHEBOYGAN, WI

ELEVATION: 755 TDZE: 744
AIRPORT NAME:
SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, AMDT 2
17 DEC 2009

SUP:	
AMDT:	1
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.

QUALITY
CHECKED

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 744 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, AMDT 2 17 DEC 2009	SUP:
				AMDT: 1
				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.

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CANUL	CANUL	010	IAF	IF		FB				
	CANUL	TORRU	020		TF		FB	1.0	094.9 (093T)	010.4	03000
	FAH	FAH	010		IF		FB				
	FAH	TORRU	020		TF		FO	2.0	217.9 (216T)	012.4	03000
	FAH	TORRU	030	IAF	HF	R	FO		037.0 (035T)	004.0	03000
	NEROE	NEROE	010		IF		FB				
	NEROE	TORRU	020		TF		FO	2.0	210.9 (209T)	048.1	03000
	NEROE	TORRU	030	IAF	HF	R	FO		037.0 (035T)	004.0	03000
	WOKNO	WOKNO	010	IAF	IF		FB				
	WOKNO	TORRU	020		TF		FB	1.0	306.9 (305T)	012.4	03000
		TORRU	010	FACF	IF		FB				03000
		JAMEK	020	FAF	TF		FB	0.5	037.0 (035T)	006.0	02700
		RW03	030	MAP	TF		FO	0.3	037.1 (035T)	005.9	00796

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JADNI	040		DF		FO	1.0			03000
	JADNI	050		HM	R	FO	2.0	217.3 (215T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.64	W0875055.54	N4346.127	W08750.926
	CANUL	N433636.47	W0881514.81	N4336.608	W08815.247
	JADNI	N435610.54	W0874123.77	N4356.176	W08741.396
	JAMEK	N434058.74	W0875611.34	N4340.979	W08756.189
	NEROE	N441812.34	W0872856.89	N4418.206	W08728.948
	TORRU	N433603.64	W0880056.61	N4336.061	W08800.944
	WOKNO	N432900.26	W0874658.42	N4329.004	W08746.974
	RW03	N434547.41	W0875131.36	N4345.790	W08751.523

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW03	00744		52

QUALITY
1
CHECKED

CITY AND STATE
SHEBOYGAN, WI

ELEVATION: 755 TDZE: 744
 AIRPORT NAME:
 SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 3, AMDT 2
 17 DEC 2009

SUP:
 AMDT: 1
 DATED: 08/30/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FAH VOR/DME	JADNI (FO)	036.41 / 12.19	3000
LEWKO	CLINS (FB)	046.51 / 15.64	3000
CLINS (IAF)	JADNI (NOPT) (FB)	125.48 / 15.24	3000
NEROE (IAF)	JADNI (NOPT) (FB)	204.22 / 23.78	3000
JADNI (IF/IAF)	CUVUN	217.27 / 6.00	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3000 DIRECT TORRU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 037.04 INBOUND.
CHART FAS OBST: 899 TREE 434739N/0875036W
CHART FAS OBST: 900 CELL TOWER 435020N/0874808W
CHART R-6903.
DISTANCE TO THLD FROM 316 HAT: 0.84 NM.
CHART VDP AT 1.15 MILES TO RW21* *LNAV ONLY.
WAAS CHANNEL # 65904
REFERENCE PATH ID: W21A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE JADNI, RT, 217.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 217.21 FAF: CUVUN DIST FAF TO MAP: 5.59 THLD: 5.59
- MIN. ALT: JADNI 3000, CUVUN 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: CUVUN OM: MM: IM:
- GS ANGLE: 3.00 TCH: 49.7 34:1 IS CLEAR
- MSA FROM: RW21 2700

MAG VAR: 2W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		STANDARD @								
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1059	1/2	316	1059	1/2	316	1059	1/2	316	1059	1/2	316			
LNAV/VNAV DA		1209	1 1/4	466	1209	1 1/4	466	1209	1 1/4	466	1209	1 1/4	466			
LNAV MDA		1160	1/2	417	1160	1/2	417	1160	3/4	417	1160	1	417			
CIRCLING		1220	1	465	1220	1	465	1220	1 1/2	465	1320	2	565			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13/31 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALS, INCREASE LPV ALL CATS VISIBILITY TO 1 AND LNAV CAT D VISIBILITY TO 1 1/4.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 743 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP: AMDT: 1 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 NOTE: DME/DME RNP-0.3 NA.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE ALL DA 67 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE.****CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MANITOWOC ALTIMETER SETTING.****CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MANITOWOC ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE.**

CHECKED

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755 TDZE: 743

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2

17 DEC 2009

SUP:

AMDT: 1

DATED: 08/30/2007

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 KSBM
RUNWAY RW21
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W21A
LTP/FTP LATITUDE 434642.3360N
LTP/FTP LONGITUDE 0875037.9805W
LTP/FTP ELLIPSOIDAL HEIGHT +01907
FPAP LATITUDE 434547.3300N
FPAP LONGITUDE 0875131.4400W
THRESHOLD CROSSING HEIGHT (TCH) 00049.7
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

DA64CEA9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02265
FPAP ORTHOMETRIC HEIGHT +02265

QUALITY
6
CHECKED

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755 TDZE: 743

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2

17 DEC 2009

SUP:

AMDT: 1

DATED: 08/30/2007

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[illegible]

QUALITY
1
CHECKED

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 743 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP:
				AMDT: 1
				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
CHECK

SUP:	
AMDT:	1
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.

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FAH	FAH	010		IF		FB				
	FAH	JADNI	020		TF		FO	2.0	036.4 (034T)	012.2	03000
	FAH	JADNI	030	IAF	HF	R	FO		217.3 (215T)	004.0	03000
	LEWKO	LEWKO	010		IF		FB				
	LEWKO	CLINS	020	IAF	TF		FB	2.0	046.5 (045T)	015.6	03000
	LEWKO	JADNI	030	IF	TF		FB	1.0	125.5 (124T)	015.2	03000
	NEROE	NEROE	010	IAF	IF		FB				
	NEROE	JADNI	020	IF	TF		FB	1.0	204.2 (202T)	023.8	03000
		JADNI	010	FACF	IF		FB				03000
		CUVUN	020	FAF	TF		FB	0.5	217.3 (215T)	006.0	02600
		RW21	030	MAP	TF		FO	0.3	217.2 (215T)	005.6	00793

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TORRU	040		DF		FO	1.0			03000
	TORRU	050		HM	R	FO	2.0	037.0 (035T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.64	W0875055.54	N4346.127	W08750.926
	CLINS	N440436.38	W0875859.36	N4404.606	W08758.989
	CUVUN	N435116.41	W0874611.12	N4351.274	W08746.185
	JADNI	N435610.54	W0874123.77	N4356.176	W08741.396
	LEWKO	N435328.04	W0881412.20	N4353.467	W08814.203
	NEROE	N441812.34	W0872856.89	N4418.206	W08728.948
	TORRU	N433603.64	W0880056.61	N4336.061	W08800.944
	RW21	N434642.34	W0875037.98	N4346.706	W08750.633

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW21	00743	50

QUALITY
1
CHECKED

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 743 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 17 DEC 2009	SUP:
				AMDT: 1
				DATED: 08/30/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: FAH VOR/DME					
NEROE INT MTW VOR/DME	MTW VOR/DME	221.00 / 13.52	3000	CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT FAH VOR/DME AND HOLD.					
	FAH VOR/DME	200.79 / 22.79	3000						
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 046.00 INBOUND. CHART R-6903. WUDLO TO RW03: 3.31/52. CHART AIRPORT ELEV 755. FAC CROSSES RWY C/L EXTENDED 3002 FROM THLD.					
1. PT <u>L</u> SIDE OF COURSE <u>226.06</u> OUTBOUND <u>2700</u> FT WITHIN <u>10</u> MILES OF <u>FAH VOR/DME</u> (IAF) 2. _____ 3. FAC <u>046.06</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>WUDLO/FAH 3.00 DME 1660*</u> 8. MSA FROM: <u>FAH VOR/DME 2700</u>					MAG VAR: 2W EPOCH YEAR: 1990				
MINIMUMS									
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		@	
CATEGORY >>>>>	A		B		C		D		E
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-3	1660	1 1/4	916	1660	1 1/4	916	1660	2 3/4	916
CIRCLING	1660	1 1/4	905	1660	1 1/4	905	1660	2 3/4	905
WUDLO FIX MINIMUMS									
S-3	1160	1	416	1160	1	416	1160	1 1/4	416
CIRCLING	1220	1	465	1220	1	465	1220	1 1/2	465
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13/31 NA AT NIGHT. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE CAT B/C VISIBILITY 1/4 MILE, WUDLO FIX MINIMUMS CAT D SEE 8260-10									
CITY AND STATE SHEBOYGAN, WI		ELEVATION: 755 TDZE: 744 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL		FACILITY IDENTIFIER: FAH		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: VOR RWY 3, AMDT 8 17 DEC 2009		SUP	
								AMDT 7	
								DATE 03/15/2007	

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

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NOTES CONT.**VISIBILITY 1/4 MILE.****CHART NOTE: WHEN USING MANITOWOC ALTIMETER SETTING CAT D AND STRAIGHT-IN WUDLO FIX MINIMUMS NA.****CHART PROFILE NOTE: *1740 WHEN USING MANITOWOC ALTIMETER SETTING.**

QUALITY
2
2009

CITY AND STATE

SHEBOYGAN, WI

ELEVATION: 755 TDZE: 744

AIRPORT NAME:

SHEBOYGAN COUNTY MEMORIAL

FACILITY
IDENTIFIER:
FAH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 3, AMDT 8

17 DEC 2009

SUP:

AMDT: 7

DATED: 03/15/2007

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: FAH VOR/DME
NEROE INT	MTW VOR/DME	221.00 / 13.52	3000	CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT FAH VOR/DME AND HOLD.
MTW VOR/DME	FAH VOR/DME	200.79 / 22.79	3000	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 208.82 INBOUND. CHART FAS OBST: 900 CELL TOWER 435020N/0874808W CHART R-6903. CHART VDP AT 1.89 DME; DISTANCE VDP TO THLD 1.28 MILES. CHART AIRPORT ELEV 755. CHART TDZE 743. FAC CROSSES RWY C/L EXTENDED 3004 FROM THLD.

1. PT L SIDE OF COURSE 028.82 OUTBOUND 2700 FT WITHIN 10 MILES OF FAH VOR/DME (IAF)
 2. _____
 3. FAC 208.82 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: FAH VOR/DME 2700

MAG VAR: 2W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				STANDARD @				
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-21	1200	1/2	457	1200	1/2	457	1200	3/4	457	1200	1	457			
CIRCLING	1220	1	465	1220	1	465	1220	1 1/2	465	1320	2	565			

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13/31 NA AT NIGHT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE S-21 CAT C/D VISIBILITY 1/4 MILE.
 CHART NOTE: VDP NA WHEN USING MANITOWOC ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SHEBOYGAN, WI	ELEVATION: 755 TDZE: 743 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	FACILITY IDENTIFIER: FAH	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: VOR RWY 21, AMDT 8 17 DEC 2009	SUP
				AMD'T 7
				DATE 03/15/2007

QUALITY
2
CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30698 ; Amdt. No. 3349]

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.

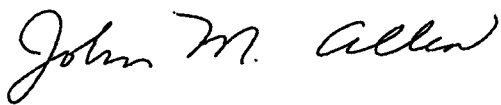
CONCLUSION

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 November 13, 2009

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
17-Dec-09	CT	DANIELSON	DANIELSON	9/3449	10/9/09	VOR-A, AMDT 6C
17-Dec-09	IL	KEWANEE	KEWANEE MUNI	9/5179	10/16/09	TAKEOFF MINIMUMS AND OBSTACLE DP, ORIG
17-Dec-09	RI	NORTH KINGSTOWN	QUONSET STATE	9/5393	10/21/09	ILS OR LOC RWY 16, AMDT 10
17-Dec-09	VA	CLARKSVILLE	MARKS MUNI	9/6484	10/23/09	VOR/DME A, ORIG
17-Dec-09	KY	MOUNT STERLING	STERLING-MONTGOMERY COUNTY	9/6872	10/23/09	NDB OR GPS RWY 3, AMDT 1C
17-Dec-09	ND	DEVILS LAKE	DEVILS LAKE RGNL	9/7299	10/28/09	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 1
17-Dec-09	ME	AUBURN/LEWISTON	AUBURN/LEWISTON MUNI	9/7617	10/30/09	ILS OR LOC RWY 4, AMDT 10A
17-Dec-09	ME	AUBURN/LEWISTON	AUBURN/LEWISTON MUNI	9/7618	10/30/09	RNAV (GPS) RWY 4, ORIG
17-Dec-09	ME	AUBURN/LEWISTON	AUBURN/LEWISTON MUNI	9/7620	10/30/09	RNAV (GPS) RWY 22, ORIG
17-Dec-09	NC	GREENVILLE	PITT-GREENVILLE	9/8037	10/30/09	RNAV (GPS) RWY 26, AMDT 2
17-Dec-09	NC	GREENVILLE	PITT-GREENVILLE	9/8038	10/30/09	RNAV (GPS) RWY 20, AMDT 2
17-Dec-09	NC	GREENVILLE	PITT-GREENVILLE	9/8040	10/30/09	RNAV (GPS) RWY 8, AMDT 2

AIRAC Date: 17 Dec 2009

FDC 9/3449 LZD FI/P DANIELSON, DANIELSON, CT. VOR A, AMDT 6C...DELETE NOTE: USE WILLIMANTIC ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WILLIMANTIC ALTIMETER SETTING. THIS IS VOR A, AMDT 6D.

FDC 9/5179 EZI FI/P KEWANEE MUNI, KEWANEE, IL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG...NOTE: RWY 27, POWERLINES AND UTILITY POLE BEGINNING 1424 FEET FROM DEPARTURE END OF RUNWAY, 100 FEET RIGHT OF CENTERLINE, UP TO 79 FEET AGL/925 FEET MSL. POWERLINES 2215 FEET FROM DEPARTURE END OF RUNWAY, 432 FEET LEFT OF CENTERLINE, 79 FEET AGL/916 FEET MSL. TREE 2212 FEET FROM DEPARTURE END OF RUNWAY, 972 FEET LEFT OF CENTERLINE, 100 FEET AGL/933 FEET MSL. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG A.

FDC 9/5393 OQU FI/P QUONSET STATE, NORTH KINGSTOWN, RI. ILS OR LOC RWY 16, AMDT 10...DELETE NOTE: S-ILS 16 NA WHEN CONTROL TOWER CLOSED. DELETE IN PLANVIEW: ORW R-070 AT SALME INT, ORW R-084 AT FALAG, ORW R-093 AT BEYEL INT. THIS IS ILS OR LOC RWY 16, AMDT 10A.

FDC 9/6484 W63 FI/P MARKS MUNI, CLARKSVILLE, VA. VOR/DME A, ORIG...CHANGE ALL REFERENCES TO MARKS MUNI TO LAKE COUNTRY REGIONAL. THIS IS VOR/DME A, ORIG-A.

FDC 9/6872 IOB FI/P MT STERLING-MONTGOMERY COUNTY, MOUNT STERLING, KY. NDB OR GPS RWY 3, AMDT 1C...MINIMUM SAFE ALTITUDE WITHIN 25 NM OF MOUNT STERLING (IOB) NDB 3600. THIS IS NDB OR GPS RWY 3, AMDT 1D.

FDC 9/7299 DVL FI/P DEVILS LAKE RGNL, DEVILS LAKE, ND. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1...NOTES: RWY RWY 3, TREE 1528 FT FROM DEPARTURE END OF RUNWAY, 319 FT LEFT OF CENTERLINE, 100 FT AGL/ 1490 FT MSL. TREE 1520 FT FROM DEPARTURE END OF RUNWAY, 136 FT RIGHT OF CENTERLINE, 100 FT AGL/ 1489 FT MSL. RWY 13, BUSH 266 FT FROM DEPARTURE END OF RUNWAY, 523 FT LEFT OF CENTERLINE, 17 FT AGL/ 1451 FT MSL. ROAD, LIGHT POLE AND ANTENNA ON BUILDING BEGINNING 95 FT FROM DEPARTURE END OF RUNWAY, 414 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/ 1484 FT MSL. RWY 21, ROADS BEGINNING 335 FT FROM DEPARTURE END OF RUNWAY, 2 FT RIGHT OF CENTERLINE, 15 FT AGL/ 1447 FT MSL, MULTIPLE POLES, TREES AND TOWERS BEGINNING 552 FT FROM DEPARTURE END OF RUNWAY 355 FT LEFT OF CENTERLINE, UP TO 123 FT AGL/ 1548 FT MSL. RWY 31, ROAD 470 FT FROM DEPARTURE END OF RUNWAY 424 FT RIGHT OF CENTERLINE, 15 FT AGL/ 1472 FT MSL. MULTIPLE POLES AND TREES BEGINNING 1180 FT FROM DEPARTURE END OF RUNWAY, 354 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/ 1545 FT MSL. REST OF PROCEDURE REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A.

FDC 9/7617 LEW FI/P AUBURN/LEWISTON MUNI, AUBURN/LEWISTON, ME. ILS OR LOC RWY 4, AMDT 10A...CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS ILS OR LOC RWY 4, AMDT 10B.

FDC 9/7618 LEW FI/P AUBURN/LEWISTON MUNI, AUBURN/LEWISTON, ME. RNAV (GPS) RWY 4, ORIG...CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART VDP AT 1.70 MILES TO RW04 (LNAV ONLY). THIS IS RNAV (GPS) RWY 4, ORIG-A.

FDC 9/7620 LEW FI/P AUBURN/LEWISTON MUNI, AUBURN/LEWISTON, ME. RNAV (GPS) RWY 22, ORIG...CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 22, ORIG-A.

FDC 9/8037 PGV FI/P PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 26, AMDT 2...CIRCLING MDA 620/HAA 594 ALL CATS. THIS IS RNAV (GPS) RWY 26, AMDT 2A.

FDC 9/8038 PGV FI/P PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 20, AMDT 2...CIRCLING MDA 620/HAA 594 ALL CATS. THIS IS RNAV (GPS) RWY 20, AMDT 2A.

FDC 9/8040 PGV FI/P PITT-GREENVILLE, GREENVILLE, NC. RNAV (GPS) RWY 8, AMDT 2...CIRCLING MDA 620/HAA 594 ALL CATS. THIS IS RNAV (GPS) RWY 8, AMDT 2A.