

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 14-08

February 28, 2014

**PREPARED BY THE PRODUCT SUPPORT GROUP, AJV-34
(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, previously published in TL 14-07 on
February 14, 2014.**

Prescott, AZ, Ernest A. Love Field, GPS RWY 12, Orig-B, CANCELED
Alamosa, CO, San Luis Valley Rgnl/Bergman Field, VOR/DME-B, Amdt 5
Lawrenceburg, TN, Lawrenceburg-Lawrence County, RNAV (GPS) RWY 17, Orig
Lawrenceburg, TN, Lawrenceburg-Lawrence County, RNAV (GPS) RWY 35, Orig
Baraboo, WI, Baraboo Wisconsin Dells, LOC/DME RWY 1, Amdt 1A
Hulett, WY, Hulett Muni, RNAV (GPS)-A, Amdt 1

**The following procedure, previously published in TL 14-05 on January 17, 2014, with an
effective date of 3 April 2014, has been rescinded in its entirety.**

Murrieta/Temecula, CA, French Valley, RNAV (GPS) RWY 18, Amdt 2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE											
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-07																			
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: 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>3 APRIL 2014</u>																			
CITY AND STATE PRESCOTT, AZ				ELEVATION: 5045 TDZE: 5024 AIRPORT NAME: ERNEST A. LOVE FIELD				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 12, ORIG-B, 08/22/2013						SUP AMDT ORIG-A DATE 4/20/2000			



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: CUXAM/ALS 6.11 DME						
TUYPI/ALS 40.00 DME		TUZDO/ALS 30.00 DME		182.00 / 10.00 (ALS R-002)				16500		CLIMB TO 10700 DIRECT ALS VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10700. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 141.11 INBOUND. FAS OBST: 7764 AAO 372947N/1055606W 7769 AAO 373046N/1055612W CHART (CFFMD) AT INTERSECTION OF ICORY DR LEG AND INTERMEDIATE COURSE. CHART ALS R-067 AT CONHI. CHART ALS R-021 AT UJYOY. CHART ALS R-002 AT EKSUW. FAC CROSSES MID POINT OF RWY 02-20. CHART CIRCLING ICON.						
TUZDO/ALS 30.00 DME		EKSUW/ALS 17.00 DME		182.00 / 13.00 (ALS R-002)				13000								
CONHI/ALS 17.00 DME CCW (IAF)		UJYOY/ALS 17.00 DME (NOPT)		17.00 DME ARC				15800								
UJYOY/ALS 17.00 DME CCW (IAF)		EKSUW/ALS 17.00 DME (NOPT)		17.00 DME ARC				13000								
EKSUW/ALS 17.00 DME CCW (IAF)		DANNE/ALS 17.00 DME (NOPT)		17.00 DME ARC				10000								
ICORY/ALS 29.50 DME (IAF)		DANNE/ALS 17.00 DME (NOPT)		200.00 / 2.47 (HDG) & 141.91 / 11.11 (ALS R-322)				10000								
DANNE/ALS 17.00 DME (IF)		EKULY/ALS 11.00 DME		141.91 / 6.00 (ALS R-322)				9100								
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-07																
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)														MAG VAR: 13E EPOCH YEAR:1965		
2. HOLD NW DANNE, RT, 141.91 INBOUND, 10000 FT. IN LIEU OF PT (IAF)																
3. FAC <u>141.91</u> FAF <u>EKULY/ALS 11.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u> </u>																
4. MIN. ALT <u>DANNE 10000, EKULY 9100</u>																
8. MSA FROM: ALS VORTAC 340-070 15600, 070-160 13300, 160-250 12600, 250-340 13800																
MINIMUMS																
TAKEOFF: 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	
CIRCLING	8040	1	501	8040	1	501	8080	1 1/2	541	8100	2	561				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT TUYPI.																
CITY AND STATE		ELEVATION: 7539 TDZE:		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR/DME OR GPS-B				
ALAMOSA, CO				SAN LUIS VALLEY RGNL/BERGMAN FIELD		ALS		VOR/DME-B, AMDT 5 3 APRIL 2014				AMDT 4B				
												DATE 01/13/2011				

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	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 3800 DIRECT UWNED AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 347.58 INBOUND. FAS OBST: 1273 TREE 351754N/0871600W DISTANCE TO THLD FROM 289 HATH: 0.63 NM. WAAS CHANNEL # 70337 REFERENCE PATH ID: W17A CHART CIRCLING ICON LTP HAE: 257.6 M								
ZALPI (IAF)	WABOL (NOPT) (FB)	257.60 / 8.00	3700									
YUNUR (IAF)	WABOL (NOPT) (FB)	077.41 / 8.00	3700									
WABOL (IF/IAF)	ORAVY (FB)	167.51 / 8.00	2500									
ORAVY (FAF)	RW17 (MAP) (FO)	167.53 / 4.17	3800									
RW17 (MAP)	1225 MSL	167.53										
1225 MSL	UWNED (FO)											
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-07												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 1W EPOCH YEAR: 1995								
2. HOLD N WABOL, RT, 167.51 INBOUND, 3700 FT. IN LIEU OF PT (IAF)												
3. FAC: <u>167.53</u> FAF: <u>ORAVY</u> DIST FAF TO MAP: <u>4.17</u> THLD: <u>4.17</u>												
4. MIN. ALT: WABOL 3700, ORAVY 2500												
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>												
6. MIN GS INCPT: <u>2500</u> GS ALT AT: ORAVY 2500 OM: <u> </u> MM: <u> </u> IM: <u> </u>												
7. GS ANGLE: <u>3.40</u> TCH: 60.0 34:1 IS NOT CLEAR												
8. MSA FROM: <u> </u>												
MINIMUMS												
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>				ALTERNATE: N A ☒ X								
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1225	1	289	1225	1	289		NA			NA	
LNAV/VNAV DA	1394	1 3/8	458	1394	1 3/8	458		NA			NA	
LNAV MDA	1540	1	604	1540	1	604		NA			NA	
CIRCLING	1540	1	604	1540	1	604		NA			NA	
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 936 THRE: 936		FACILITY IDENTIFIER:		PROCEDURE NO./AMD NO./EFFECTIVE DATE:			SUP:			
LAWRENCEBURG, TN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 17, ORIG			AMD: NONE			
		LAWRENCEBURG-LAWRENCE COUNTY				3 APRIL 2014			DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUNTSVILLE INTL - CARL T JONES FIELD

ALTIMETER SETTING AND INCREASE ALL DA 142 FT AND ALL MDA 140 FT; INCREASE LPV ALL CATS VISIBILITY

1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	078/30 CW 258/30 (NOPT)	WABOL (IF/IAF) (FB)	3700
2.	258/30 CW 348/30	ZALPI (FB)	3700
3.	348/30 CW 078/30	YUNUR (FB)	3700

CITY AND STATE

LAWRENCEBURG, TN

ELEVATION: 936

THRE: 936

AIRPORT NAME:

LAWRENCEBURG-LAWRENCE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

RNAV 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 2M2
RUNWAY RW17
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W17A
LTP/FTP LATITUDE 351427.5495N
LTP/FTP LONGITUDE 0871535.6215W
LTP/FTP ELLIPSOIDAL HEIGHT +02576
FPAP LATITUDE 351300.7600N
FPAP LONGITUDE 0871510.3085W
THRESHOLD CROSSING HEIGHT (TCH) 00060.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.40
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

6630A7AF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02853
FPAP ORTHOMETRIC HEIGHT +02853

CITY AND STATE

LAWRENCEBURG, TN

ELEVATION: 936

THRE: 936

AIRPORT NAME:

LAWRENCEBURG-LAWRENCE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG
3 APRIL 2014

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 2M2 K7FR17	AWABOL	010WABOLK7EA0EE	AR	HF			16750040	+	03700	18000		A	JS
SUSAP 2M2 K7FR17	AYUNUR	010YUNURK7EA0E	A	IF						18000		A	JS
SUSAP 2M2 K7FR17	AYUNUR	020WABOLK7EA0EE	B	010TF			07740080	+	03700			A	JS
SUSAP 2M2 K7FR17	AZALPI	010ZALPIK7EA0E	A	IF						18000		A	JS
SUSAP 2M2 K7FR17	AZALPI	020WABOLK7EA0EE	B	010TF			25760080	+	03700			A	JS
SUSAP 2M2 K7FR17	R	010WABOLK7EA0E	I	IF				+	03700	18000		A	JS
SUSAP 2M2 K7FR17	R	020ORAVYK7EA1E	F	051TF			16750080	+	02500			A	JS
SUSAP 2M2 K7FR17	R	020ORAVYK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP 2M2 K7FR17	R	030RW17 K7PGGY	M	031TF			16750042		00996		-340	A	JS
SUSAP 2M2 K7FR17	R	040	0	M	CA		1675	+	01225			A	JS
SUSAP 2M2 K7FR17	R	050UWNEDK7EA0EY		DF				+	03800			A	JS
SUSAP 2M2 K7FR17	R	060UWNEDK7EA0EE	R	HM			34760040	+	03800			A	JS

[illegible][illegible]

CITY AND STATE LAWRENCEBURG, TN	ELEVATION: 936 THRE: 936 AIRPORT NAME: LAWRENCEBURG-LAWRENCE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 3 APRIL 2014	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	WABOL	WABOL	010	IAF	HF	R	FO		167.5(166.5T)	004.0	AA 03700	
	YUNUR	YUNUR	010	IAF	IF		FB					
	YUNUR	WABOL	020		TF		FB	1.0	077.4(076.4T)	008.0	AA 03700	
	ZALPI	ZALPI	010	IAF	IF		FB					
	ZALPI	WABOL	020		TF		FB	1.0	257.6(256.6T)	008.0	AA 03700	
		WABOL	010	FACF	IF		FB				AA 03700	
		ORAVY	020	FAF	TF		FB	0.5	167.5(166.5T)	008.0	AA 02500	
		RW17	030	MAP	TF		FO	0.3	167.5(166.5T)	004.2	AT 00996	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		167.5(166.5T)		AA 01225	
	UWNED	050		DF		FO				AA 03800	
	UWNED	060		HM	R	FO		347.6(346.6T)	004.0	AA 03800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORAVY	N351831.00	W0871646.71	N3518.517	W08716.779
	UWNED	N350114.33	W0871144.82	N3501.239	W08711.747
	WABOL	N352618.50	W0871903.55	N3526.308	W08719.059
	YUNUR	N352425.93	W0872834.55	N3524.432	W08728.576
	ZALPI	N352810.30	W0870932.12	N3528.172	W08709.535
	RW17	N351427.55	W0871535.62	N3514.459	W08715.594

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00936	60

CITY AND STATE LAWRENCEBURG, TN	ELEVATION: 936	THRE: 936	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 3 APRIL 2014	SUP:
	AIRPORT NAME: LAWRENCEBURG-LAWRENCE COUNTY				AMD'T: NONE
					DATED:

US 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										
ZUPNA (IAF)		UWNED (NOPT) (FB)		077.48 / 8.00	3800										
ZIDID (IAF)		UWNED (NOPT) (FB)		257.67 / 8.00	3800										
UWNED (IF/IAF)		YITUT (FB)		347.58 / 8.00	2600										
YITUT (FAF)		JOMVU/2.40 NM TO RW35 (FB)		347.55 / 2.35											
JOMVU/2.40 NM TO RW35		RW35 (MAP) (FO)		347.55 / 2.40											
RW35 (MAP)		1293 MSL		347.55											
1293 MSL		WABOL (FO)			3700										
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-07				LPV: DA LNAV/VNAV: DA LNAV: RW35											
				CLIMB TO 3700 DIRECT DIRECT WABOL AND HOLD.											
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 167.51 INBOUND. CHART FAS OBST: 1082 TREE 351159N/0871453W DISTANCE TO THLD FROM 366 HATH: 0.90 NM. WAAS CHANNEL # 61335 REFERENCE PATH ID: W35A CHART CIRCLING ICON LTP HAE: 254.9 M											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD S UWNED, RT, 347.58 INBOUND, 3800 FT. IN LIEU OF PT (IAF)															
3. FAC: 347.55 FAF: YITUT DIST FAF TO MAP: 4.75 THLD: 4.75															
4. MIN. ALT: UWNED 3800, YITUT 2600, JOMVU/2.40 NM TO RW35 1800*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2600 GS ALT AT: YITUT 2600 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.20 TCH: 60.0 34:1 IS NOT CLEAR															
8. MSA FROM:															
MAG VAR: 1W EPOCH YEAR: 1995															
MINIMUMS															
TAKEOFF: 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	DH/MDA	VIS	HAT/HAA
LPV DA	1293	1 1/8	366	1293	1 1/8	366		NA			NA				
LNAV/VNAV DA	1354	1 1/4	427	1354	1 1/4	427		NA			NA				
LNAV MDA	1340	1	413	1340	1	413		NA			NA				
CIRCLING	1500	1	564	1500	1	564		NA			NA				
NOTES: CHART NOTE: PROCEDURE NA AT NIGHT. ← CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE LAWRENCEBURG, TN				ELEVATION: 936 THREE: 927 AIRPORT NAME: LAWRENCEBURG-LAWRENCE COUNTY				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 3 APRIL 2014				SUP: AMDT: NONE DATED	

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.

NOTES, (CONT.):

*RNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUNTSVILLE INTL - CARL T JONES FIELD

ALTIMETER SETTING AND INCREASE ALL DA 142 FT AND ALL MDA 140 FT; INCREASE LPV ALL CATS VISIBILITY

1/4 MILE, RNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	258/30 CW 078/30 (NOPT)	UWNED (IF/IAF) (FB)	3800
2.	078/30 CW 168/30	ZIDID (IAF) (FB)	3800
3.	168/30 CW 258/30	ZUPNA (IAF) (FB)	3800

CITY AND STATE

LAWRENCEBURG, TN

ELEVATION: 936

THRE: 927

AIRPORT NAME:

LAWRENCEBURG-LAWRENCE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

RNAV 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	2M2
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	351339.4295N
LTP/FTP LONGITUDE	0871521.5815W
LTP/FTP ELLIPSOIDAL HEIGHT	+02549
FPAP LATITUDE	351506.2180N
FPAP LONGITUDE	0871546.9045W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.20
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0E741DF4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02825
FPAP ORTHOMETRIC HEIGHT	+02825

CITY AND STATE

LAWRENCEBURG, TN

ELEVATION: 936

THRE: 927

AIRPORT NAME:

LAWRENCEBURG-LAWRENCE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

3 APRIL 2014

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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEANRT	JOMVU	K70	W	N35111916W087144069				W0029	NAR	JOMVU			
SUSAEANRT	UWNED	K70	W	N35011433W087114482				W0029	NAR	UWNED			
SUSAEANRT	WABOL	K70	W	N35261850W087190355				W0029	NAR	WABOL			
SUSAEANRT	YITUT	K70	W	N35090194W087140072				W0029	NAR	YITUT			
SUSAEANRT	ZIDID	K70	W	N35030558W087021615				W0031	NAR	ZIDID			
SUSAEANRT	ZUPNA	K70	W	N34592234W087211306				W0028	NAR	ZUPNA			

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 2M2 K7FR35	AUWNED	010UWNEDK7EA0EE	AR	HF			34760040	+	03800	18000		A	JS
SUSAP 2M2 K7FR35	AZIDID	010ZIDIDK7EA0E	A	IF						18000		A	JS
SUSAP 2M2 K7FR35	AZIDID	020UWNEDK7EA0EE	B	010TF			25770080	+	03800			A	JS
SUSAP 2M2 K7FR35	AZUPNA	010ZUPNAK7EA0E	A	IF						18000		A	JS
SUSAP 2M2 K7FR35	AZUPNA	020UWNEDK7EA0EE	B	010TF			07750080	+	03800			A	JS
SUSAP 2M2 K7FR35	R	010UWNEDK7EA0E	I	IF				+	03800	18000		A	JS
SUSAP 2M2 K7FR35	R	020YITUTK7EA1E	F	051TF			34760080	+	02600			A	JS
SUSAP 2M2 K7FR35	R	020YITUTK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP 2M2 K7FR35	R	021JOMVUK7EA0E	S	031TF			34760024	V	0180001802		-320	A	JS
SUSAP 2M2 K7FR35	R	030RW35 K7PGOGY	M	031TF			34760024		00987		-320	A	JS
SUSAP 2M2 K7FR35	R	040	0	M	CA		3476	+	01293			A	JS
SUSAP 2M2 K7FR35	R	050WABOLK7EA0EY		DF				+	03700			A	JS
SUSAP 2M2 K7FR35	R	060WABOLK7EA0EE	R	HM			16750040	+	03700			A	JS

[illegible][illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	UWNED	UWNED	010	IAF	HF	R	FO		347.6 (346.6T)	004.0	AA 03800	
	ZIDID	ZIDID	010	IAF	IF		FB					
	ZIDID	UWNED	020		TF		FB	1.0	257.7 (256.7T)	008.0	AA 03800	
	ZUPNA	ZUPNA	010	IAF	IF		FB					
	ZUPNA	UWNED	020		TF		FB	1.0	077.5 (076.5T)	008.0	AA 03800	
		UWNED	010	FACF	IF		FB				AA 03800	
		YITUT	020	FAF	TF		FB	0.5	347.6 (346.6T)	008.0	AA 02600	
		JOMVU	021	SDF	TF		FB	0.3	347.6 (346.6T)	002.4	AA 01800	GS 01802
		RW35	030	MAP	TF		FO	0.3	347.6 (346.6T)	002.4	AT 00987	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		347.6 (346.6T)		AA 01293	
	WABOL	050		DF		FO				AA 03700	
	WABOL	060		HM	R	FO		167.5 (166.5T)	004.0	AA 03700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOMVU	N351119.16	W0871440.69	N3511.319	W08714.678
	UWNED	N350114.33	W0871144.82	N3501.239	W08711.747
	WABOL	N352618.50	W0871903.55	N3526.308	W08719.059
	YITUT	N350901.94	W0871400.72	N3509.032	W08714.012
	ZIDID	N350305.58	W0870216.15	N3503.093	W08702.269
	ZUPNA	N345922.34	W0872113.06	N3459.372	W08721.218
	RW35	N351339.43	W0871521.58	N3513.657	W08715.360

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00927	60

CITY AND STATE
LAWRENCEBURG, TN

ELEVATION: **936** THRE: **927**
 AIRPORT NAME:
LAWRENCEBURG-LAWRENCE COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
3 APRIL 2014

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: I-DLL 0.99 DME FIX							
DLL VORTAC NEGUS/I-DLL 17.84 DME (IAF) TRVIS/I-DLL 12.90 DME (IF/IAF)		TRVIS/I-DLL 12.90 DME		185.88 / 14.06				3000		CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DLL VORTAC AND HOLD, OR AS DIRECTED BY ATC ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT LNR VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 187.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N LNR VOR/DME, RT, 201.77 INBOUND. CHART FAS OBST: 1209 TREE 432733N/0894702W 1703 AAO 432506N-0894812W. CHART VDP AT 2.42 DME DISTANCE VDP TO THLD 1.43 MILES. CHART IN PLANVIEW: LNR VOR/DME. EQQED TO RW01: 3.00/40. CHART: DLL VORTAC R-186/14.06 DME AT TRVIS							
		TRVIS/I-DLL 12.90 DME (NOPT)		009.76 / 4.93 (I-DLL)				3000									
		EQQED/I-DLL 6.90 DME		009.76 / 6.00 (I-DLL)				2900									
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-07																	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD <u>S</u> TRVIS, RT, 009.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC <u>009.76</u> FAF <u>EQQED/I-DLL 6.90 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.91</u> 4. MIN. ALT <u>TRVIS 3000, EQQED 2900, GIRYE/I-DLL 4.37 DME 2080</u> 8. MSA FROM: <u>DLL VORTAC 3300</u>										MAG VAR: 1W		EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF: 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		
5-01	1460	1	483	1460	1	483	1460	1 3/8	483		NA						
CIRCLING	1540	1	561	1540	1	561	1560	1 1/2	581		NA						
NOTES: CHART NOTE: CIRCLING TO RWY 1 AND 19 NA AT NIGHT. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: CIRCLING NA TO RWY 14-32. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE ROCK ALTIMETER SETTING AND (SEE FORM 8260-10)																	
CITY AND STATE BARABOO, WI				ELEVATION: 979 THRE: 977 AIRPORT NAME: BARABOO WISCONSIN DELLS				FACILITY IDENTIFIER: I-DLL				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC/DME RWY 1, AMDT 1A 3 APRIL 2014				SUP AMDT 1 DATE 07/25/2013	

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

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NOTES, (CONT.):

INCREASE ALL MDA 100 FT, INCREASE S-1 CAT C VISIBILITY 3/8 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART NOTE: VDP NA WHEN USING LONE ROCK ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

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

CHART PLANVIEW NOTE: DLL VORTAC R-186/14.1 DME SHOULD BE USED FOR PROCEDURE ENTRY ONLY.

CITY AND STATE

BARABOO, WI

ELEVATION: 979

THRE: 977

AIRPORT NAME:

BARABOO WISCONSIN DELLS

FACILITY
IDENTIFIER:

I-DLL

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC/DME RWY 1, AMDT 1A
3 APRIL 2014

SUP:

AMDT: 1

DATED: 07/25/2013

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC PACKET - 424-18 - LOC

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KDLLK5FL01	ADLL	010DLL	K5D	0V	IF				18000		0	DS
SUSAP	KDLLK5FL01	ADLL	020TRVISK5PC0EY		TF				+ 03000			0	DS
SUSAP	KDLLK5FL01	ADLL	030TRVISK5PC0EE	AR	HF	IDLLK5	189801290098T010	PI	+ 03000			0	DS
SUSAP	KDLLK5FL01	ANEGUS	010NEGUSK5EA0E	A	IF					18000		0	DS
SUSAP	KDLLK5FL01	ANEGUS	020TRVISK5PC0EE	B	CF	IDLLK5	1898012900980049PI		+ 03000			0	DS
SUSAP	KDLLK5FL01	L	010TRVISK5PC0E	I	IF	IDLLK5	18980129	PI	+ 03000	18000		0	DS
SUSAP	KDLLK5FL01	L	020EQQEDK5PC0E	F	CF	IDLLK5	1898006901000060PI		+ 02900		DLL	K5D	0 DS
SUSAP	KDLLK5FL01	L	021GIRYK5PC0E	S	CF	IDLLK5	1898004401000025PI		+ 02080		-300		0 DS
SUSAP	KDLLK5FL01	L	030RW01	K5PG0GY	M	CF	IDLLK5	1898001001000034PI		01017	-300		0 DS
SUSAP	KDLLK5FL01	L	040	0	M	CA	0098		+ 03000			0	DS
SUSAP	KDLLK5FL01	L	050DLL	K5D	0VY	R	DF		+ 04000			0	DS
SUSAP	KDLLK5FL01	L	060DLL	K5D	0VE	R	HM	1870T010	+ 04000			0	DS

[illegible]

QUALITY
CHECKED

CITY AND STATE BARABOO, WI	ELEVATION: 979 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: BARABOO WISCONSIN DELLS		LOC/DME RWY 1, AMDT 1A 3 APRIL 2014	AMDT: 1
		I-DLL		DATED: 07/25/2013

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible]

QUALITY
2
CHECKED

SUP:	
AMDT:	1
DATED:	07/25/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DLL	DLL	010		IF		FB					
	DLL	TRVIS	020		TF		FO				AA 03000	
	DLL	TRVIS	030	IAF	HF	R	FO		009.8 ()	T01.0	AA 03000	
	NEGUS	NEGUS	010	IAF	IF		FB					
	NEGUS	TRVIS	020		CF		FB		009.8 ()	004.9	AA 03000	
		TRVIS	010	FACF	IF		FB				AA 03000	
		EQQED	020	FAF	CF		FB		010.0 ()	006.0	AA 02900	
		GIRYE	021	SDF	CF		FB		010.0 ()	002.5	AA 02080	
		RW01	030	MAP	CF		FO		010.0 ()	003.4	AT 01017	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		009.8 ()		AA 03000	
	DLL	050		DF	R	FO				AA 04000	
	DLL	060		HM	R	FO		187.0 ()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLL	N433303.00	W0894549.04	N4333.050	W08945.817
	IDLL (DME)	N433155.29	W0894609.31	N4331.922	W08946.155
	NEGUS	N431417.01	W0894949.10	N4314.284	W08949.818
	EQQED	N432505.42	W0894732.43	N4325.090	W08947.541
	GIRYE	N432735.74	W0894700.68	N4327.596	W08947.011
	TRVIS	N431909.54	W0894847.41	N4319.159	W08948.790
	RW01	N433056.14	W0894618.29	N4330.936	W08946.305
	IDLL (LOC)	N433154.91	W0894605.83	N4331.915	W08946.097

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00977	40

QUALITY
2
CHECKED

CITY AND STATE
BARABOO, WIELEVATION: 979 THRE: 977
AIRPORT NAME:
BARABOO WISCONSIN DELLSFACILITY
IDENTIFIER:
I-DLLPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
LOC/DME RWY 1, AMDT 1A
3 APRIL 2014

SUP:

AMDT: 1

DATED: 07/25/2013

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
WOMIV (IAF)	KOCYE (NOPT) (FB)	100.96 / 6.00	7600	LNAV: NUCIR								
ZIXUN (IAF)	KOCYE (NOPT) (FB)	281.14 / 6.00	7600									
KOCYE (IF/IAF)	JITKI (FB)	011.05 / 12.04	6600									
JITKI (FAF)	OCEGA/3.20 NM TO NUCIR (FB)	011.12 / 3.74		CLIMBING RIGHT TURN TO 15000 DIRECT KOCYE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 15000.								
OCEGA/3.20 NM TO NUCIR	NUCIR (MAP) (FO)	011.12 / 3.20										
NUCIR (MAP)	4664 MSL	011.12										
4664 MSL	KOCYE (FO)		15000 ←	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 4439 AAO 443719N/1043446W 4639 AAO 443608N/1043509W CHART DEVILS TOWER NATIONAL MONUMENT. CHART POWDER RIVER B MOA. FAC CROSSES MID POINT OF RWY 13-31. CHART CIRCLING ICON ←								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S KOCYE, RT, 011.05 INBOUND, 7600 FT. IN LIEU OF PT (IAF) 3. FAC: 011.12 FAF: JITKI DIST FAF TO MAP: 6.94 THLD: 4. MIN. ALT: KOCYE 7600, JITKI 6600, OCEGA/3.20 NM TO NUCIR 5340 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: 10E EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF: 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
CIRCLING	4900	1	636	5020	1	756		NA			NA	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED USE GILLETTE-CAMPBELL COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 120 FT AND VISIBILITY CAT B 1/4 MILE.												
CITY AND STATE		ELEVATION: 4264 TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
HULETT, WY		AIRPORT NAME:		HULETT MUNI		RNAV		RNAV (GPS)-A, AMDT 1 3 APRIL 2014		AMDT: ORIG		
										DATED 12/20/2007		

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	281/30 CW 326/30 (NOPT)	281/10 CW 326/10	9100
2.	326/30 CW 101/30 (NOPT)	326/10 CW 101/10	7900
3.	281/10 CW 101/10	KOCYE (IF/IAF) (FB)	7600
4.	101/30 CW 191/30	WOMIV (IAF) (FB)	7600
5.	191/30 CW 281/30	191/8 CW 281/8	9400
6.	191/8 CW 281/8	ZIXUN (IAF) (FB)	8600

CITY AND STATE

HULETT, WY

ELEVATION: 4264

TDZE:

AIRPORT NAME:

HULETT MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-A, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 12/20/2007

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP W43 K1FRNV-A AKOCYE	010KOCYEK1EA0EE	AR	HF				01110070	+	07600	18000		B	JC
SUSAP W43 K1FRNV-A AWOMIV	010WOMIVK1EA0E	A	IF							18000		B	JC
SUSAP W43 K1FRNV-A AWOMIV	020KOCYEK1EA0EE	B	010TF				10100060	+	07600			B	JC
SUSAP W43 K1FRNV-A AZIXUN	010ZIXUNK1EA0E	A	IF							18000		B	JC
SUSAP W43 K1FRNV-A AZIXUN	020KOCYEK1EA0EE	B	010TF				28110060	+	07600			B	JC
SUSAP W43 K1FRNV-A R	010KOCYEK1EA0E	I	IF					+	07600	18000		B	JC
SUSAP W43 K1FRNV-A R	020JITKIK1EA0E	F	051TF				01110120	+	06600			B	JC
SUSAP W43 K1FRNV-A R	021OCEGAK1EA0E	S	031TF				01110037	+	05340			B	JC
SUSAP W43 K1FRNV-A R	030NUCIRK1EA0EY	M	031TF				01110032			000		B	JC
SUSAP W43 K1FRNV-A R	040	0	M	CA			0111	+	04664			B	JC
SUSAP W43 K1FRNV-A R	050KOCYEK1EA0EY	R	DF					+	15000			B	JC
SUSAP W43 K1FRNV-A R	060KOCYEK1EA0EE	R	HM				01110070	+	15000			B	JC

CITY AND STATE
HULETT, WY

ELEVATION: 4264 TDZE:
AIRPORT NAME: HULETT MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS)-A, AMDT 1
3 APRIL 2014

SUP:	
AMDT:	ORIG
DATED:	12/20/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KOCYE	KOCYE	010	IAF	HF	R	FO		011.1(021.1T)	007.0	AA 07600	
	WOMIV	WOMIV	010	IAF	IF		FB					
	WOMIV	KOCYE	020		TF		FB	1.0	101.0(111.0T)	006.0	AA 07600	
	ZIXUN	ZIXUN	010	IAF	IF		FB					
	ZIXUN	KOCYE	020		TF		FB	1.0	281.1(291.1T)	006.0	AA 07600	
		KOCYE	010	FACF	IF		FB				AA 07600	
		JITKI	020	FAF	TF		FB	0.5	011.1(021.1T)	012.0	AA 06600	
		OCEGA	021	SDF	TF		FB	0.3	011.1(021.1T)	003.7	AA 05340	
		NUCIR	030	MAP	TF		FO	0.3	011.1(021.1T)	003.2	AT 05020	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		011.1(021.1T)		AA 04664	
	KOCYE	050		DF	R	FO				AA 15000	
	KOCYE	060		HM	R	FO		011.1(021.1T)	007.0	AA 15000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JITKI	N443304.62	W1043741.60	N4433.077	W10437.693
	KOCYE	N442150.50	W1044344.44	N4421.842	W10443.741
	NUCIR	N443933.25	W1043411.28	N4439.554	W10434.188
	OCEGA	N443634.19	W1043548.29	N4436.570	W10435.805
	WOMIV	N442359.51	W1045133.08	N4423.992	W10451.551
	ZIXUN	N441940.95	W1043556.37	N4419.683	W10435.940

CITY AND STATE
HULETT, WY

ELEVATION: **4264** TDZE:
 AIRPORT NAME:
HULETT MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS)-A, AMDT 1
3 APRIL 2014

SUP:
 AMDT: **ORIG**
 DATED: **12/20/2007**

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. [30947](#); Amdt. No. [3581](#)

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 ² DATE OF PUBLICATION IN THE
FEDERAL REGISTER].

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

For Examination-

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

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

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

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, 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 [FEBRUARY 28, 2014](#).

A handwritten signature in black ink, appearing to read "John Duncan", with a long horizontal flourish extending to the right.

John Duncan
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 3 APRIL 2014

Aliceville, AL, George Downer, RNAV (GPS) RWY 6, Orig
 Aliceville, AL, George Downer, RNAV (GPS) RWY 24, Orig
 Aliceville, AL, George Downer, Takeoff Minimums and Obstacle DP, Orig
 Oakland, CA, Metropolitan Oakland Intl, RNAV (GPS) Y RWY 30, Amdt 3
 Miami, FL, Opa-Locka Executive, ILS OR LOC RWY 27R, Amdt 1A
 Miami, FL, Opa-Locka Executive, RNAV (GPS) RWY 27R, Orig-A
 Pensacola, FL, Pensacola International, ILS OR LOC RWY 17, Amdt 14A
 Pensacola, FL, Pensacola International, NDB RWY 35, Amdt 17A
 Pensacola, FL, Pensacola International, RNAV (GPS) RWY 8, Amdt 2A
 Pensacola, FL, Pensacola International, RNAV (GPS) RWY 17, Amdt 2B
 Pensacola, FL, Pensacola International, RNAV (GPS) RWY 26, Amdt 2A
 Pensacola, FL, Pensacola International, RNAV (GPS) RWY 35, Amdt 2A
 Pensacola, FL, Pensacola International, VOR RWY 8, Amdt 4A
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, ILS OR LOC RWY 18L, ILS RWY 18L (SA CAT I), ILS RWY 18L (CAT II), Amdt 22A
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, ILS OR LOC RWY 36R, Amdt 3A
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, RNAV (GPS) RWY 18L, Amdt 1B
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, RNAV (GPS) RWY 36R, Amdt 2B
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, RNAV (GPS)-A, Amdt 2A
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, VOR RWY 4, Amdt 1A
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, VOR RWY 36R, Amdt 1B
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, VOR/DME RWY 18L, Amdt 1B
 St Petersburg-Clearwater, FL, St Pete-Clearwater Intl, VOR/DME-B, Orig-A
 Vero Beach, FL, Vero Beach Muni, RNAV (GPS) RWY 4, Amdt 1A
 Vero Beach, FL, Vero Beach Muni, RNAV (GPS) RWY 12R, Amdt 2A
 Vero Beach, FL, Vero Beach Muni, RNAV (GPS) RWY 22, Amdt 1A
 Vero Beach, FL, Vero Beach Muni, RNAV (GPS) RWY 30L, Amdt 2A
 Vero Beach, FL, Vero Beach Muni, Takeoff Minimums and Obstacle DP, Orig-A
 Vero Beach, FL, Vero Beach Muni, VOR RWY 12R, Amdt 14B
 Vero Beach, FL, Vero Beach Muni, VOR/DME RWY 30L, Amdt 4A
 Mount Carmel, IL, Mount Carmel Muni, Takeoff Minimums and Obstacle DP, Amdt 1
 Sturgis, KY, Sturgis Muni, RNAV (GPS) RWY 1, Amdt 1
 Sturgis, KY, Sturgis Muni, RNAV (GPS) RWY 19, Amdt 1
 Sturgis, KY, Sturgis Muni, Takeoff Minimums and Obstacle DP, Amdt 4
 Mackinac Island, MI, Mackinac Island, RNAV (GPS) RWY 8, Amdt 1
 Mackinac Island, MI, Mackinac Island, RNAV (GPS) RWY 26, Amdt 1
 Traverse City, MI, Cherry Capital, RNAV (GPS) RWY 10, Amdt 1
 Traverse City, MI, Cherry Capital, RNAV (GPS) RWY 28, Orig
 Troy, MI, Oakland/Troy, RNAV (GPS) RWY 9, Amdt 2

Minneapolis, MN, Flying Cloud, RNAV (GPS) RWY 10L, Amdt 1
 Minneapolis, MN, Flying Cloud, RNAV (GPS) RWY 28R, Amdt 2A
 Clinton, MO, Clinton Rgnl, NDB RWY 4, Amdt 8
 Clinton, MO, Clinton Rgnl, NDB RWY 22, Amdt 9
 Clinton, MO, Clinton Rgnl, RNAV (GPS) RWY 4, Amdt 1
 Clinton, MO, Clinton Rgnl, RNAV (GPS) RWY 18, Orig
 Clinton, MO, Clinton Rgnl, RNAV (GPS) RWY 22, Amdt 1
 Clinton, MO, Clinton Rgnl, RNAV (GPS) RWY 36, Orig
 Clinton, MO, Clinton Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
 Cleveland, MS, Cleveland Muni, RNAV (GPS) RWY 18, Amdt 1
 Cleveland, MS, Cleveland Muni, RNAV (GPS) RWY 36, Orig-A
 Cleveland, MS, Cleveland Muni, Takeoff Minimums and Obstacle DP, Amdt 2
 Cleveland, MS, Cleveland Muni, VOR-A, Amdt 9
 Pinehurst/Southern Pines, NC, Moore County, ILS Y OR LOC/DME Y RWY 5, Orig
 Pinehurst/Southern Pines, NC, Moore County, ILS Z OR LOC/DME Z RWY 5, Amdt 2
 Pinehurst/Southern Pines, NC, Moore County, RNAV (GPS) RWY 5, Amdt 1
 Pinehurst/Southern Pines, NC, Moore County, RNAV (GPS) RWY 23, Amdt 2
 Las Vegas, NV, Mc Carran Intl, ILS OR LOC/DME RWY 1L, Amdt 1
 Sidney, NY, Sidney Muni, RNAV (GPS) RWY 25, Amdt 1
 Stigler, OK, Stigler Rgnl, RNAV (GPS) RWY 35, Amdt 1
 Latrobe, PA, Arnold Palmer Rgnl, NDB RWY 23, Amdt 13C, CANCELED
 York, PA, York, NDB RWY 17, Amdt 7A, CANCELED
 Rock Hill, SC, Rock Hill/York CO/Bryant Field, ILS Y OR LOC Y RWY 2, Orig
 Rock Hill, SC, Rock Hill/York CO/Bryant Field, ILS Z OR LOC Z RWY 2, Amdt 2
 Rock Hill, SC, Rock Hill/York CO/Bryant Field, RNAV (GPS) RWY 2, Amdt 2
 Lawrenceburg, TN, Lawrenceburg-Lawrence County, GPS RWY 17, Orig-A, CANCELED
 Oneida, TN, Scott Muni, SDF RWY 23, AMDT 5, CANCELED
 El Paso, TX, El Paso Intl, ILS OR LOC RWY 22, Amdt 32C
 El Paso, TX, El Paso Intl, LOC/DME RWY 4, Amdt 3A
 El Paso, TX, El Paso Intl, RADAR-1, Amdt 15A
 El Paso, TX, El Paso Intl, RNAV (GPS) RWY 26R, Orig-A
 El Paso, TX, El Paso Intl, RNAV (GPS) X RWY 4, Orig-B
 El Paso, TX, El Paso Intl, RNAV (GPS) Y RWY 22, Orig-D
 El Paso, TX, El Paso Intl, RNAV (GPS) Y RWY 26L, Amdt 1A
 El Paso, TX, El Paso Intl, RNAV (RNP) Y RWY 4, Orig-C
 El Paso, TX, El Paso Intl, RNAV (RNP) Z RWY 4, Orig-B
 El Paso, TX, El Paso Intl, RNAV (RNP) Z RWY 22, Amdt 1
 El Paso, TX, El Paso Intl, RNAV (RNP) Z RWY 26L, Amdt 1
 Presidio, TX, Presidio Lely Intl, RNAV (GPS)-A, Orig
 Presidio, TX, Presidio Lely Intl, Takeoff Minimums and Obstacle DP, Orig
 Blackstone, VA, Allen C Perkinson Blackstone AAF, RNAV (GPS) RWY 4, Amdt 1
 Blackstone, VA, Allen C Perkinson Blackstone AAF, RNAV (GPS) RWY 22, Amdt 1
 Blackstone, VA, Allen C Perkinson Blackstone AAF, Takeoff Minimums and Obstacle DP, Amdt 3

Emporia, VA, Emporia-Greenville Rgnl, LOC RWY 34, Amdt 1A
Emporia, VA, Emporia-Greenville Rgnl, RNAV (GPS) RWY 16, Amdt 1A
Emporia, VA, Emporia-Greenville Rgnl, RNAV (GPS) RWY 34, Amdt 1A
Emporia, VA, Emporia-Greenville Rgnl, Takeoff Minimums and Obstacle DP, Orig-A
Olympia, WA, Olympia Rgnl, ILS OR LOC RWY 17, Amdt 12
Cable, WI, Cable Union, Takeoff Minimums and Obstacle DP, Amdt 5
Superior, WI, Richard I Bong, Takeoff Minimums and Obstacle DP, Amdt 6

US 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	LNAV: RW06 CLIMB TO 3000 DIRECT CIKOB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 243.76 INBOUND. CHART FAS OBST: 309 SILOS 330439N/0881433W OBST: 459 AAO 330400N/0881822W CHART MERIDIAN 1 WEST MOA. CHART MERIDIAN 1 EAST MOA.	
ZESLO (IF/IAF)	JOGAM (FB)	063.53 / 6.36	2000		
JOGAM (FAF)	LANTE/2.60 NM TO RW06 (FB)	063.59 / 3.04			
LANTE/2.60 NM TO RW06	RW06 (MAP) (FO)	063.59 / 2.60			
RW06 (MAP)	550 MSL	063.59	3000		
550 MSL	CIKOB (FO)				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW ZESLO, RT, 063.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>063.59</u> FAF: <u>JOGAM</u> DIST FAF TO MAP: <u>5.64</u> THLD: <u>5.64</u> 4. MIN. ALT: <u>ZESLO 3000, JOGAM 2000, LANTE/2.60 NM TO RW06 1020</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u> </u>				CHART CIRCLING ICON. MAG VAR: 2W EPOCH YEAR: 2015	
MINIMUMS					
TAKEOFF: <u>SEE FAA FORM 8260-15A FOR THIS AIRPORT</u>			ALTERNATE: <u>N A</u> ☒ <u>X</u>		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	640	1	497	640	1
CIRCLING	720	1	570	720	1
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE TUSCALOOSA RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLUMBUS/W POINT/STARKVILLE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART PROFILE NOTE: DESCENT ANGLE NA. (SEE FORM 8260-10)					
CITY AND STATE		ELEVATION: 150 THRE: 143		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ALICEVILLE, AL		AIRPORT NAME:		RNAV (GPS) RWY 6, ORIG	
		GEORGE DOWNER		3 APRIL 2014	
		FACILITY IDENTIFIER: RNAV		SUP:	
				AMDT: NONE	
				DATED	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	334/30 CW 154/30 (NOPT)	ZESLO (IF/IAF) (FB)	3000
2.	154/30 CW 354/30	ZESLO (IF/IAF) (FO)	3000

CITY AND STATE

ALICEVILLE, AL

ELEVATION: 150

THRE: 143

AIRPORT NAME:

GEORGE DOWNER

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

3 APRIL 2014

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 KAIVK7FR06	AZESLO	010ZESLOK7EA0EE	AR	HF			06350040	+	03000	18000		B	JS
SUSAP KAIVK7FR06	R	010ZESLOK7EA0E	I	IF				+	03000	18000		B	JS
SUSAP KAIVK7FR06	R	020JOGAMK7EA1E	F	051TF			06350064	+	02000			B	JS
SUSAP KAIVK7FR06	R	020JOGAMK7EA2WN			N	ALNAV							JS
SUSAP KAIVK7FR06	R	021LANTEK7EA0E	S	031TF			06360030	+	01020			B	JS
SUSAP KAIVK7FR06	R	030RW06 K7PG0GY	M	031TF			06360026		00640	000		B	JS
SUSAP KAIVK7FR06	R	040		0 M	CA		0636	+	00550			B	JS
SUSAP KAIVK7FR06	R	050CIKOBK7EA0EY		DF				+	03000			B	JS
SUSAP KAIVK7FR06	R	060CIKOBK7EA0EE	R	HM			24380040	+	03000			B	JS

[illegible]

CITY AND STATE ALICEVILLE, AL	ELEVATION: 150 THRE: 143 AIRPORT NAME: GEORGE DOWNER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG 3 APRIL 2014	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZESLO	ZESLO	010	IAF	HF	R	FO		063.5(061.5T)	004.0	AA 03000	
		ZESLO	010	FACF	IF		FB				AA 03000	
		JOGAM	020	FAF	TF		FB	0.5	063.5(061.5T)	006.4	AA 02000	
		LANTE	021	SDF	TF		FB	0.3	063.6(061.6T)	003.0	AA 01020	
		RW06	030	MAP	TF		FO	0.3	063.6(061.6T)	002.6	AT 00640	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		063.6(061.6T)		AA 00550	
	CIKOB	050		DF		FO				AA 03000	
	CIKOB	060		HM	R	FO		243.8(241.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIKOB	N331217.95	W0875848.78	N3312.299	W08758.813
	JOGAM	N330331.23	W0881810.24	N3303.521	W08818.171
	LANTE	N330458.26	W0881459.08	N3304.971	W08814.985
	ZESLO	N330029.23	W0882449.13	N3300.487	W08824.819
	RW06	N330612.53	W0881215.70	N3306.209	W08812.262

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00143	00

CITY AND STATE
ALICEVILLE, ALELEVATION: 150 THRE: 143
AIRPORT NAME:
GEORGE DOWNERFACILITY
IDENTIFIER:

RNAVPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 6, ORIG
3 APRIL 2014SUP:
AMDT: NONE
DATED:

US 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	LNAV: RW24 CLIMB TO 3000 DIRECT ZESLO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 063.53 INBOUND. CHART FAS OBST: 400 TOWER 330727N/0880912W CHART: 519 AAO 330850N/0880542W CHART MERIDIAN 1 EAST MOA. CHART MEDRIAN 1 WEST MOA.	
CIKOB (IF/IAF)	ZOLUG (FB)	243.76 / 6.38	2000		
ZOLUG (FAF)	FEPON/2.80 NM TO RW24 (FB)	243.70 / 2.82			
FEPON/2.80 NM TO RW24	RW24 (MAP) (FO)	243.70 / 2.80			
RW24 (MAP)	550 MSL	243.70	3000		
550 MSL	ZESLO (FO)				

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				CHART CIRCLING ICON. MAG VAR: 2W EPOCH YEAR: 2015	
2. HOLD NE CIKOB, RT, 243.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)					
3. FAC: <u>243.70</u> FAF: <u>ZOLUG</u> DIST FAF TO MAP: <u>5.62</u> THLD: <u>5.62</u>					
4. MIN. ALT: CIKOB 3000, ZOLUG 2000, FEPON/2.80 NM TO RW24 1100					
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>					
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>					
7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR					
8. MSA FROM: <u> </u>					

MINIMUMS															
TAKEOFF: 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	740	1	590	740	1	590	740	1 3/4	590	740	1 3/4	590			
CIRCLING	740	1	590	740	1	590	820	1 3/4	670	900	2 1/2	750			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: USE TUSCALOOSA ALTIMETER SETTING; WHEN NOT RECEIVED, USE COLUMBUS/W POINT/STARKVILLE
 ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, AND CIRCLING CAT C VISIBILITY 1/4 MILE.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 SEE 8260-10

CITY AND STATE	ELEVATION: 150 THRE: 150	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
Aliceville, AL	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 24, ORIG	AMDT: NONE
	GEORGE DOWNER		3 APRIL 2014	DATED

US 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.

NOTES (CONT'D)

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: DESCENT ANGLE NA.

TAA

	FROM	TO	ALT
1.	154/30 CW 334/30 (NOPT)	CIKOB (IF/IAF) (FB)	3000
2.	334/30 CW 154/30	CIKOB (IF/IAF) (FO)	3000

CITY AND STATE

ALICEVILLE, AL

ELEVATION: 150

THRE: 150

AIRPORT NAME:

GEORGE DOWNER

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, ORIG

3 APRIL 2014

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 KAIVK7FR24	ACIKOB	010CIKOBK7EA0EE	AR	HF			24380040	+	03000	18000		B	JS
SUSAP KAIVK7FR24	R	010CIKOBK7EA0E	I	IF				+	03000	18000		B	JS
SUSAP KAIVK7FR24	R	020ZOLUGK7EA1E	F	051TF			24380064	+	02000			B	JS
SUSAP KAIVK7FR24	R	020ZOLUGK7EA2WN			N	ALNAV							JS
SUSAP KAIVK7FR24	R	021FEPONK7EA0E	S	031TF			24370028	+	01100			B	JS
SUSAP KAIVK7FR24	R	030RW24 K7PG0GY	M	031TF			24370028		00740	000		B	JS
SUSAP KAIVK7FR24	R	040		0 M	CA		2437	+	00550			B	JS
SUSAP KAIVK7FR24	R	050ZESLOK7EA0EY		DF				+	03000			B	JS
SUSAP KAIVK7FR24	R	060ZESLOK7EA0EE	R	HM			06350040	+	03000			B	JS

[illegible]

CITY AND STATE ALICEVILLE, AL	ELEVATION: 150 THRE: 150 AIRPORT NAME: GEORGE DOWNER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 3 APRIL 2014	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CIKOB	CIKOB	010	IAF	HF	R	FO		243.8 (241.8T)	004.0	AA 03000	
		CIKOB	010	FACF	IF		FB				AA 03000	
		ZOLUG	020	FAF	TF		FB	0.5	243.8 (241.8T)	006.4	AA 02000	
		FEPON	021	SDF	TF		FB	0.3	243.7 (241.7T)	002.8	AA 01100	
		RW24	030	MAP	TF		FO	0.3	243.7 (241.7T)	002.8	AT 00740	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		243.7 (241.7T)		AA 00550	
	ZESLO	050		DF		FO				AA 03000	
	ZESLO	060		HM	R	FO		063.5 (061.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIKOB	N331217.95	W0875848.78	N3312.299	W08758.813
	FEPON	N330755.92	W0880827.90	N3307.932	W08808.465
	ZESLO	N330029.23	W0882449.13	N3300.487	W08824.819
	ZOLUG	N330916.36	W0880530.39	N3309.273	W08805.507
	RW24	N330636.03	W0881123.96	N3306.601	W08811.399

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00150	00

CITY AND STATE ALICEVILLE, AL	ELEVATION: 150	THRE: 150	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 24, ORIG	AMDT: NONE
	GEORGE DOWNER	RNAV		3 APRIL 2014	DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
ALICEVILLE, AL.	GEORGE DOWNER	3 APRIL 2014	ORIG

TAKEOFF MINIMUMS:

RWY 6, 24: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 6 CLIMB HEADING 063.64 TO 2000 BEFORE TURNING.

RWY 24 CLIMB HEADING 243.65 TO 2000 BEFORE TURNING.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, VEHICLE ON ROAD, TREES, BUILDINGS AND POWER POLES ABEAM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/279 FT MSL.

NOTE: RWY 24, TREES, AND POWER POLES ABEAM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/289 FT MSL.

CONTROLLING OBSTACLES:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
ALICEVILLE, AL.	GEORGE DOWNER	3 APRIL 2014	ORIG

REMARKS:

GEORGE DOWNER AIRPORT IS CONVERTING FROM VFR TO IFR AND IS NOT SURVEYED. FOR INCREASED LEVEL OF SAFETY, AIRCRAFT DEPARTING RWY 6 AND 24 REQUIRES CLIMB TO 2000 BEFORE TURNING, ATC REQUEST FOR MINIMUM RADIO RECEPTION AND RADAR COVERAGE.

FLIGHT INSPECTED BY:

Zack Smyer

1/8/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ROBERT W. COOK

AJW-352

06/20/2013

APPROVED BY:

SUE CRUMB

AJW-352

FEB 21 2014

COORDINATED WITH:

ATA, AOPA, NBAA, ZME, CBM APP CON, AMGR.

CHANGES:

REASONS:

CONCURRENT WITH AIRSPACE DOCKET NUMBER: FAA-2013-0431, 13-ASO-7.

US 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		LPV: DA LNAV/VNAV: DA LNAV: RW30 CLIMB TO 4000 DIRECT NEKIE AND ON TRACK 286.59 TO SAU VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 217.21 INBOUND. FAS OBST: 244 AAO 373827N/1220606W DISTANCE TO THLD FROM 250 HATH: 0.60 NM. CHART VDP AT 1.55 MILES TO RW30* *LNAV ONLY. WAAS CHANNEL # 93535 REFERENCE PATH ID: W30A CHART CIRCLING ICON LTP HAE: -29.8 M					
MISON (IAF)		JENFR (FB)		289.81 / 5.12				4300							
JENFR (IF)		MITOE (FB)		296.15 / 7.39				2500							
MITOE (FAF)		RW30 (MAP) (FO)		296.08 / 7.63											
RW30 (MAP)		259 MSL		296.08											
259 MSL		NEKIE (FB)													
NEKIE		SAU VORTAC (FO)		286.59 / 14.36				4000							
1. SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT JENFR 3. FAC: 296.08 FAF: MITOE DIST FAF TO MAP: 7.63 THLD: 7.63 4. MIN. ALT: JENFR 4300, MITOE 2500 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2500 GS ALT AT: MITOE 2500 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM: RW30 5100										MAG VAR: 14E EPOCH YEAR: 2015					
MINIMUMS															
TAKEOFF: 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	259	4000	250	259	4000	250	259	4000	250	259	4000	250			
LNAV/VNAV DA	325	5000	316	325	5000	316	325	5000	316	325	5000	316			
LNAV MDA	580	5500	571	580	5500	571	580	1 5/8	571	580	1 5/8	571			
CIRCLING	580	1	571	580	1	571	660	1 3/4	651	1400	3	1391			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. @ CAT D 1400-3 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MISON ON V107 SOUTHEAST BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 9 THRE: 9		AIRPORT NAME:		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
OAKLAND, CA				METROPOLITAN OAKLAND INTL				RNAV (GPS) Y RWY 30, AMDT 3				AMDT: 2			
								3 APRIL 2014				DATED 10/17/2013			

QUALITY
9
CHECKED

US 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.

NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY
9
CHECKED

CITY AND STATE

OAKLAND, CA

ELEVATION: 9

THRE: 9

AIRPORT NAME:

METROPOLITAN OAKLAND INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 30, AMDT 3

3 APRIL 2014

SUP:

AMDT:

2

DATED:

10/17/2013

**RNAV 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	KOAK
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	374220.7490N
LTP/FTP LONGITUDE	1221314.3850W
LTP/FTP ELLIPSOIDAL HEIGHT	-00298
FPAP LATITUDE	374318.0900N
FPAP LONGITUDE	1221440.4000W
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	0280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0BBC7F09

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00027
FPAP ORTHOMETRIC HEIGHT	+00027

QUALITY
9
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9 THRE: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 10/17/2013

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KOAKK2FR30-Y	AMISON	010MISONK2EA0E	A	IF					18000		A	JS
SUSAP	KOAKK2FR30-Y	AMISON	020JENFRK2EA0EE	B	010TF		28980051	+ 04300				A	JS
SUSAP	KOAKK2FR30-Y	R	010JENFRK2EA0E	I	IF			+ 04300	18000			A	JS
SUSAP	KOAKK2FR30-Y	R	020MITOEK2EA1E	F	051TF		29620074	+ 02500			RW30	K2PGA	JS
SUSAP	KOAKK2FR30-Y	R	020MITOEK2EA2WALPV			ALNAV/VNAV ALNAV							JS
SUSAP	KOAKK2FR30-Y	R	030RW30 K2PGOGY M	031TF			29610076	00069		-300		A	JS
SUSAP	KOAKK2FR30-Y	R	040	0	M	CA	2961	+ 00259				A	JS
SUSAP	KOAKK2FR30-Y	R	050NEKIEK2EA0E		DF							A	JS
SUSAP	KOAKK2FR30-Y	R	060SAU K2D OVY	010TF			2866	+ 04000				A	JS
SUSAP	KOAKK2FR30-Y	R	070SAU K2D OVE	R	HM		21720040	+ 04000				A	JS

[illegible][illegible]

QUALITY
3 9
CHECKED

CITY AND STATE
OAKLAND, CA

ELEVATION: 9 THRE: 9
AIRPORT NAME: METROPOLITAN OAKLAND INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) Y RWY 30, AMDT 3
3 APRIL 2014

SUP:	
AMDT:	2
DATED:	10/17/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KOAKK2SRW30 K2PG 0 18018005125 M

QUALITY
9
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9 THRE: 9 AIRPORT NAME: METROPOLITAN OAKLAND INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 10/17/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	MISON	MISON	010	IAP	IF		FB					
	MISON	JENFR	020		TF		FB	1.0	289.8 (303.8T)	005.1	AA 04300	
		JENFR	010	FACF	IF		FB				AA 04300	
		MITOE	020	FAF	TF		FB	0.5	296.2 (310.2T)	007.4	AA 02500	
		RW30	030	MAP	TF		FO	0.3	296.1 (310.1T)	007.6	AT 00069	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		296.1 (310.1T)		AA 00259	
	NEKIE	050		DF		FB					
	SAU	060		TF		FO	1.0	286.6 (300.6T)		AA 04000	
	SAU	070		HM	R	FO		217.2 (231.2T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SAU	N375119.20	W1223121.91	N3751.320	W12231.365
	JENFR	N373239.67	W1215846.16	N3732.661	W12158.769
	MISON	N372948.54	W1215325.06	N3729.809	W12153.418
	MITOE	N373725.68	W1220552.77	N3737.428	W12205.880
	NEKIE	N374401.17	W1221545.08	N3744.020	W12215.751
	RW30	N374220.75	W1221314.39	N3742.346	W12213.240

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30	00009	60

QUALITY
9
CHECKED

CITY AND STATE OAKLAND, CA	ELEVATION: 9	THRE: 9	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) Y RWY 30, AMDT 3 3 APRIL 2014	SUP:
	AIRPORT NAME: METROPOLITAN OAKLAND INTL				AMDT: 2
					DATED: 10/17/2013

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.82 MILES AFTER JOLYN INT/I-PLJ 6.33 DME/RADAR OR AT I-PLJ 1.51 DME FIX CLIMB TO 2000 HEADING 273 AND DHP VORTAC R-335 TO BRBRA/DHP 11.48 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 HEADING 110 AND I-PLJ LOCALIZER EAST COURSE (093) TO IZROZ/I-PLJ 11.50 DME/RADAR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 154.68 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E IZROZ/I-PLJ 11.50 DME/RADAR, RT, 272.95 INBOUND. CHART FAS OBST: 141 TREE 255459N/0801215W CHART 85 TREE 255455N/0801521W. CHART VDP AT 2.64 DME* DISTANCE VDP TO THLD 1.13 MILES. *LOC ONLY.											
IZROZ/I-PLJ 11.50 DME/RADAR (IF)	JOLYN INT/I-PLJ 6.33 DME/RADAR	272.95 / 5.16 (I-PLJ)	1600												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT IZROZ 3. FAC: <u>272.95</u> FAF: <u>JOLYN INT/I-PLJ 6.33 DME/RADAR</u> DIST FAF TO MAP: <u>4.82</u> THLD: <u>4.82</u> 4. MIN. ALT: IZROZ 1700, JOLYN INT/I-PLJ 6.33 DME/RADAR 1600 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>1096</u> 6. MIN GS INCPT: <u>1600</u> GS ALT AT: JOLYN 1600 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.5</u> 8. MSA FROM: VKZ VOR/DME 090-270 2900, 270-090 2100				MAG VAR: 6W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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 27R	290	3/4	283	290	3/4	283	290	3/4	283	290	3/4	283			
S-LOC 27R	420	3/4	413	420	3/4	413	420	1	413	420	1	413			
CIRCLING	540	1	532	540	1	532	540	1 1/2	532	560	2	552			
NOTES: CHART NOTE: DME REQUIRED. CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIAMI INTL ALTIMETER SETTING AND (SEE FORM 8260-10)															
CITY AND STATE MIAMI, FL		ELEVATION: 8 THRE: 7 AIRPORT NAME: OPA-LOCKA EXECUTIVE		FACILITY IDENTIFIER: I-PLJ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 1A 3 APRIL 2014				SUP:					
										AMDT: 1					
										DATED 12/15/2011					

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

INCREASE ALL DA/MDA 20 FT.

CHART NOTE: FOR INOPERATIVE MALS, INCREASE S-ILS 27R ALL CATS VISIBILITY TO 7/8 MILE AND S-LOC

CATS C/D VISIBILITY TO 1 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CITY AND STATE

MIAMI, FL

ELEVATION: 8

THRE: 7

AIRPORT NAME:

OPA-LOCKA EXECUTIVE

FACILITY
IDENTIFIER:

I-PLJ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27R, AMDT 1A

3 APRIL 2014

SUP:

AMDT:

1

DATED: 12/15/2011

FLIGHT STANDARDS SERVICES - 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.

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KOPFK7FI27R	I	010IZROZK7PC0E	I	IF	IPLJK7	09290115	PI	J	017000160018000		0	DS
SUSAP	KOPFK7FI27R	I	020JOLYNK7PC0E	F	CF	IPLJK7	0929006327300052PI	H	0160001600		-300VKZ	K7D	0 DS
SUSAP	KOPFK7FI27R	I	030RW27RK7PG0GY	M	CF	IPLJK7	0929001527300048PI		00065		-300		0 DS
SUSAP	KOPFK7FI27R	I	040	0 M	VI		2730						0 DS
SUSAP	KOPFK7FI27R	I	050BRBRAK7EA0EY		CF	DHP K7	3347011533470050D		+ 02000				0 DS
SUSAP	KOPFK7FI27R	I	060BRBRAK7EA0EE	R	HM		1547T010		+ 02000				0 DS

[illegible][illegible]

QUALITY
2
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8	THRE: 7	FACILITY IDENTIFIER: I-PLJ	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 1A 3 APRIL 2014	SUP:
	AIRPORT NAME: OPA-LOCKA EXECUTIVE				AMDT: 1
					DATED: 12/15/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KOPFK7SVKZ K7D 0 0902700212527009002925 M

QUALITY
2
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8 AIRPORT NAME: OPA-LOCKA EXECUTIVE	THRE: 7 FACILITY IDENTIFIER: I-PLJ	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 1A 3 APRIL 2014	SUP:
				AMDT: 1
				DATED: 12/15/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		IZROZ	010	FACF	IF		FB				AA 01700 GI 01600	
		JOLYN	020	FAF	CF		FB		273.0 ()	005.2	GI 01600 GS 01600	
		RW27R	030	MAP	CF		FO		273.0 ()	004.8	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		273.0 ()			
	BRBRA	050		CF		FO		334.7 ()	005.0	AA 02000	
	BRBRA	060		HM	R	FO		154.7 ()	T01.0	AA 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
	IPLJ (DME)	N255442.36	W0801732.16	N2554.706	W08017.536
	BRBRA	N255802.23	W0802710.87	N2558.037	W08027.181
	IZROZ	N255521.28	W0800448.19	N2555.355	W08004.803
	JOLYN	N255505.10	W0801031.35	N2555.085	W08010.523
	RW27R	N255449.76	W0801551.71	N2554.829	W08015.862
	IPLJ (LOC)	N255445.00	W0801730.08	N2554.750	W08017.501

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00007	58

QUALITY
2
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8	THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: OPA-LOCKA EXECUTIVE		I-PLJ	ILS OR LOC RWY 27R, AMDT 1A 3 APRIL 2014	AMDT: 1
					DATED: 12/15/2011

FLIGHT STANDARDS SERVICES - 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.

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KOPFK7FL27R	L	010IZROZK7PC0E	I	IF	IPLJK7	09290115	PI	+	01700	18000		0 DS
SUSAP	KOPFK7FL27R	L	020JOLYNK7PC0E	F	CF	IPLJK7	0929006327300052PI	+	01600		VKZ	K7D	0 DS
SUSAP	KOPFK7FL27R	L	030RW27RK7PG0GY	M	CF	IPLJK7	0929001527300048PI		00065		-301		0 DS
SUSAP	KOPFK7FL27R	L	040	0 M	VI		2730						0 DS
SUSAP	KOPFK7FL27R	L	050BRBRAK7EA0EY		CF	DHP K7	3347011533470050D	+	02000				0 DS
SUSAP	KOPFK7FL27R	L	060BRBRAK7EA0EE	R	HM		1547T010	+	02000				0 DS

[illegible][illegible]

1 2 3 4 5 6 7 8 9 0 1

SUP:	
AMDT:	1
DATED:	12/15/2011

FLIGHT STANDARDS SERVICES - 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.

MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KOPFK7SVKZ K7D 0 0902700212527009002925 M

QUALITY
2
CHECKS

CITY AND STATE MIAMI, FL	ELEVATION: 8	THRE: 7	FACILITY IDENTIFIER: I-PLJ	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 1A 3 APRIL 2014	SUP:
	AIRPORT NAME: OPA-LOCKA EXECUTIVE				AMDT: 1
					DATED: 12/15/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		IZROZ	010	FACF	IF		FB				AA 01700	
		JOLYN	020	FAF	CF		FB		273.0 ()	005.2	AA 01600	
		RW27R	030	MAP	CF		FO		273.0 ()	004.8	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		273.0 ()			
	BRBRA	050		CF		FO		334.7 ()	005.0	AA 02000	
	BRBRA	060		HM	R	FO		154.7 ()	T01.0	AA 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
	IPLJ (DME)	N255442.36	W0801732.16	N2554.706	W08017.536
	BRBRA	N255802.23	W0802710.87	N2558.037	W08027.181
	IZROZ	N255521.28	W0800448.19	N2555.355	W08004.803
	JOLYN	N255505.10	W0801031.35	N2555.085	W08010.523
	RW27R	N255449.76	W0801551.71	N2554.829	W08015.862
	IPLJ (LOC)	N255445.00	W0801730.08	N2554.750	W08017.501

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00007	58

CITY AND STATE

MIAMI, FL

ELEVATION: 8

THRE: 7

AIRPORT NAME:

OPA-LOCKA EXECUTIVE

FACILITY

IDENTIFIER:

I-PLJ

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC RWY 27R, AMDT 1A

3 APRIL 2014

SUP:

AMDT:

1

DATED:

12/15/2011

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW27R CLIMB TO 2000 DIRECT SAZBO AND ON TRACK 317.04 TO BRBRA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 154.00 INBOUND. CHART FAS OBST: 161 TWR 255527N/0801303W CHART FAS OBST: 158 TREE 255501N/0801553W CHART 85 TREE 255455N/0801521W. DISTANCE TO THLD FROM 283 HATH: 0.71 NM. CHART VDP AT 1.13 MILES TO RW27R* *LNAV ONLY. WAAS CHANNEL # 62922 REFERENCE PATH ID: W27A LTP HAE: -23 M											
LONNI	TOWES (FB)	194.53 / 23.40	1600												
TOWES (IAF)	IZROZ (FB)	211.59 / 4.93	1600												
IZROZ (IF)	JOLYN (FB)	273.04 / 5.16	1600												
JOLYN (FAF)	RW27R (MAP) (FO)	272.99 / 4.82													
RW27R (MAP)	290 MSL	272.99													
290 MSL	SAZBO (FB)														
SAZBO	BRBRA (FO)	317.04 / 5.38	2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT IZROZ 3. FAC: <u>272.99</u> FAF: <u>JOLYN</u> DIST FAF TO MAP: <u>4.82</u> THLD: <u>4.82</u> 4. MIN. ALT: <u>IZROZ 1600, JOLYN 1600</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>150</u> HAT: <u>100</u> HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1600</u> GS ALT AT: <u>JOLYN 1600</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.5</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW27R 2900</u>				MAG VAR: 6W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	290	3/4	283	290	3/4	283	290	3/4	283	290	3/4	283			
LNAV/VNAV DA	412	1	405	412	1	405	412	1	405	412	1	405			
LNAV MDA	420	3/4	413	420	3/4	413	420	1	413	420	1	413			
CIRCLING	540	1	532	540	1	532	540	1 1/2	532	560	2	552			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MIAMI INTL ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 5C (41F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LONNI ON V295, BR64V NORTH BOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 8 THRE: 7		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MIAMI, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 27R, ORIG-A				AMDT: ORIG					
		OPA-LOCKA EXECUTIVE				3 APRIL 2014				DATED 12/15/2011					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIAMI INTL ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FT.

CHART NOTE: FOR INOPERATIVE MALS, INCREASE LPV ALL CATS VISIBILITY TO 7/8 MILES, LNAV/VNAV ALL CATS TO 1 3/8, AND LNAV CATS C AND D VISIBILITY TO 1 1/8 MILES.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LONNI ON V295, BR64V NORTH BOUND.

CITY AND STATE MIAMI, FL	ELEVATION: 8 THRE: 7 AIRPORT NAME: OPA-LOCKA EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27R, ORIG-A 3 APRIL 2014	SUP:
				AMDT: ORIG
				DATED: 12/15/2011

**RNAV 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	KOPF
RUNWAY	RW27R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	255449.7595N
LTP/FTP LONGITUDE	0801551.7060W
LTP/FTP ELLIPSOIDAL HEIGHT	-00230
FPAP LATITUDE	255445.0000N
FPAP LONGITUDE	0801730.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00057.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4FA5734F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00022
FPAP ORTHOMETRIC HEIGHT	+00022

QUALITY
A
CHECKED

CITY AND STATE MIAMI, FL	ELEVATION: 8 THRE: 7 AIRPORT NAME: OPA-LOCKA EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27R, ORIG-A 3 APRIL 2014	SUP:
				AMDT: ORIG
				DATED: 12/15/2011

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

[illegible]

DATED: 12/15/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

SUSAP KOPFK7SRW27RK7PG

0 18018002925

M

CITY AND STATE MIAMI, FL	ELEVATION: 8 AIRPORT NAME: OPA-LOCKA EXECUTIVE	THRE: 7 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 27R, ORIG-A 3 APRIL 2014	SUP:
					AMDT: ORIG
					DATED: 12/15/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LONNI	LONNI	010		IF		FB					
	LONNI	TOWES	020	IAP	TF		FB	2.0	194.5 (188.5T)	023.4	AA 01600	
	LONNI	IZROZ	030		TF		FB	1.0	211.6 (205.6T)	004.9	AA 01600	
		IZROZ	010	FACF	IF		FB				AA 01600	
		JOLYN	020	FAF	TF		FB	0.5	273.0 (267.0T)	005.2	AA 01600	
		RW27R	030	MAP	TF		FO	0.3	273.0 (267.0T)	004.8	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		273.0 (267.0T)		AA 00290	
	SAZBO	050		DF		FB					
	BRBRA	060		TF		FO	1.0	317.0 (311.0T)		AA 02000	
	BRBRA	070		HM	R	FO		154.0 (148.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRBRA	N255802.23	W0802710.87	N2558.037	W08027.181
	IZROZ	N255521.28	W0800448.19	N2555.355	W08004.803
	JOLYN	N255505.10	W0801031.35	N2555.085	W08010.523
	LONNI	N262301.43	W0795835.49	N2623.024	W07958.592
	SAZBO	N255429.88	W0802240.95	N2554.498	W08022.683
	TOWES	N255948.87	W0800226.47	N2559.815	W08002.441
	RW27R	N255449.76	W0801551.71	N2554.829	W08015.862

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00007	58

CITY AND STATE MIAMI, FL	ELEVATION: 8	THRE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 27R, ORIG-A 3 APRIL 2014	SUP:
	AIRPORT NAME: OPA-LOCKA EXECUTIVE				AMDT: ORIG
					DATED: 12/15/2011

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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 NUN VOR PENSI INT/I-PNS 20.55 DME (IAF) CILEB INT/I-PNS 12.28 DME (IF)	TO BRENT INT/I-PNS 6.28 DME CILEB INT/I-PNS 12.28 DME (NOPT) BRENT INT/I-PNS 6.28 DME	COURSE AND DISTANCE 049.44 / 8.36 168.99 / 8.27 (I-PNS) 168.99 / 6.00 (I-PNS)	ALTITUDE 1800 2600 1700	ILS: DA LOC: 4.80 MILES AFTER BRENT INT/I-PNS 6.28 DME OR AT I-PNS 1.48 DME FIX CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT NUN VOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 2600 ON HEADING 020 AND ON I-PNS LOCALIZER N COURSE (SEE FORM 8260-10) ADDITIONAL FLIGHT DATA: HOLD W, LT, 089.36 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N CILEB INT/I-PNS 12.28 DME, RT, 168.99 INBOUND. CHART FAS OBST: 225 ANT 303001N/0871150W CHART W-155. CHART VDP AT 2.46 DME* DISTANCE VDP TO THLD 0.98 MILES. *LOC ONLY.	
1. PT <u>R</u> SIDE OF COURSE <u>348.99</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>BRENT</u> (IAF) 2. _____ 3. FAC: <u>168.99</u> FAF: <u>BRENT INT/I-PNS 6.28 DME</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u> 4. MIN. ALT: <u>BRENT 1700, ALICO INT/I-PNS 3.48 DME 760*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>1002</u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>BRENT 1700</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>50.5</u> 8. MSA FROM: <u>NUN VOR 040-280 1800, 280-040 3100</u>				MAG VAR: 2W EPOCH YEAR: 2010	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A ILS: # LOC: STANDARD @	
CATEGORY =====>	A		B		C
S-ILS 17	DH/MDA 321	VIS 1800	HAT/HAA 200	DH/MDA 321	VIS 1800
S-LOC 17	DH/MDA 760	VIS 2400	HAT/HAA 639	DH/MDA 760	VIS 2400
CIRCLING	DH/MDA 760	VIS 1	HAT/HAA 639	DH/MDA 760	VIS 1
ALICO FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)					
S-LOC 17	DH/MDA 480	VIS 2400	HAT/HAA 359	DH/MDA 480	VIS 2400
CIRCLING	DH/MDA 560	VIS 1	HAT/HAA 439	DH/MDA 720	VIS 1
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: CAUTION: INTENSIVE VFR STUDENT TRAINING INVOF AIRPORT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 17 ALL CATS VISIBILITY TO RVR 4000 AND INCREASE S-LOC 17 CATS C/D TO 1 3/4 MILE. (SEE FORM 8260-10)					
CITY AND STATE PENSACOLA, FL		ELEVATION: 121 THRE: 121 AIRPORT NAME: PENSACOLA INTERNATIONAL		FACILITY IDENTIFIER: I-PNS	
PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 17, AMDT 14A 3 APRIL 2014				SUP: AMDT: 14 DATED 07/26/2012	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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MISSED APPROACH INSTRUCTIONS, (CONT.):

(349) TO CILEB INT/I-PNS 12.28 DME AND HOLD, DME REQUIRED.

NOTES, (CONT.):

CHART NOTE: ALICO FIX MINIMUMS: FOR INOPERATIVE MALSR INCREASE S-LOC 17 CATS C/D VISIBILITY TO RVR 5000.



CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 121	FACILITY IDENTIFIER: I-PNS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 17, AMDT 14A 3 APRIL 2014	SUP:
	AIRPORT NAME:				AMDT: 14
	PENSACOLA INTERNATIONAL				DATED: 07/26/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC PACKET - 424-18 - ILS

[illegible]

SUSAD	NSE	K7011230	TLW	NSE N30432642W087010511W0020001781	NARWHITING
SUSAD	NUN	K7010880V L	N30281971W087200924	E0010 1	NARSAUFLEY
SUSAD	KPNSK7 IPNS	K7011110	IT	IPNSN30273100W0871110636 001080	NARPENSACOLA INTERNATIONAL

[illegible]

SUSAEAEENRT PENSI K70 C L N30473568W087162552 W0024 NAR PENSI

[illegible]

SUSAP KPNSK7APNS	0	070YHN30282433W087111180W002000121	1800018000C	MNAR	PENSACOLA INTERNATIONAL

[illegible]

SUSAP	KPNSK7CBRENT	K70	C	N30333967W087124145	W0025	NAR	BRENT
SUSAP	KPNSK7CCILEB	K70	R	N30393121W087141553	W0025	NAR	CILEB

[illegible]

SUSAP	KPNISK7FI17	ANUN	010NUN	K7D	0V	IF				18000		0	NS
SUSAP	KPNISK7FI17	ANUN	020BRENTK7PC0E			TF			+ 01800			0	NS
SUSAP	KPNISK7FI17	ANUN	030BRENTK7PC0EE	AL		PI	NSE	K7	2278014003400100D	+ 01800		0	NS
SUSAP	KPNISK7FI17	APENSI	010PENSIK7EA0E	A		IF					18000	0	NS
SUSAP	KPNISK7FI17	APENSI	020CILEBK7PC0EE	B		CF	IPNSK7		3490012316900083PI	+ 02600		0	NS
SUSAP	KPNISK7FI17	I	010CILEBK7PC0E	I		IF	IPNSK7		34900123	PI	J 026000170018000	0	NS
SUSAP	KPNISK7FI17	I	020BRENTK7PC0E	F		CF	IPNSK7		34900006316900060PI	H	0170001700	-300NUN	K7D 0 NS
SUSAP	KPNISK7FI17	I	030RW17	K7PG0GY	M	CF	IPNSK7		3490001516900048PI	00172	-300	0	NS
SUSAP	KPNISK7FI17	I	040		0 M	CA			1690	+ 00600		0	NS
SUSAP	KPNISK7FI17	I	050NUN	K7D	0VY	R	DF			+ 03000		0	NS
SUSAP	KPNISK7FI17	I	060NUN	K7D	0VE	L	HM		0894T010	+ 03000		0	NS

[illegible]

SUSAP KPNSK7GRW17 0070041690 N30285847W087112637-0300 +0009400121000051150IIPNS1

SUP:	
AMDT:	14
DATED:	07/26/2012

FLIGHT STANDARDS SERVICES - 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.

SUSAP KPNSK7IIPNS1 011110RW17 N30273181W0871103251690N30284970W0871119331982 10020446300W00205100115

SUSAP KPNSK7SNUN K7D 0 1002200312522010001825 M

QUALITY
2
CHECKED

SUP:	
AMDT:	14
DATED:	07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	NUN	NUN	010		IF		FB					
	NUN	BRENT	020		TF		FB				AA 01800	
	NUN	BRENT	030	IAF	PI	L	FB		034.0()	010.0	AA 01800	
	PENSI	PENSI	010	IAF	IF		FB					
	PENSI	CILEB	020		CF		FB		169.0()	008.3	AA 02600	
		CILEB	010	FACF	IF		FB				AA 02600 GI 01700	
		BRENT	020	FAF	CF		FB		169.0()	006.0	GI 01700 GS 01700	
		RW17	030	MAP	CF		FO		169.0()	004.8	AT 00172	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		169.0()		AA 00600	
	NUN	050		DF	R	FO				AA 03000	
	NUN	060		HM	L	FO		089.4()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NSE (DME)	N304326.42	W0870105.11	N3043.440	W08701.085
	NUN	N302819.71	W0872009.24	N3028.329	W08720.154
	IPNS (DME)	N302731.00	W0871106.36	N3027.517	W08711.106
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	BRENT	N303339.67	W0871241.45	N3033.661	W08712.691
	CILEB	N303931.21	W0871415.53	N3039.520	W08714.259
	RW17	N302858.47	W0871126.37	N3028.975	W08711.440
	IPNS (LOC)	N302731.81	W0871103.25	N3027.530	W08711.054

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW17	00121	51

QUALITY
2
CHECKED

CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 121	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			ILS OR LOC RWY 17, AMDT 14A	AMDT: 14
	PENSACOLA INTERNATIONAL		I-PNS	3 APRIL 2014	DATED: 07/26/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC PACKET - 424-18 - LOC

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KNPSK7FL17	ANUN	010NUN	K7D	0V	IF				18000		0	NS
SUSAP	KNPSK7FL17	ANUN	020BRENTK7PC0E		TF				+ 01800			0	NS
SUSAP	KNPSK7FL17	ANUN	030BRENTK7PC0EE	AL	PI	NSE	K7	2278014003400100D	+ 01800			0	NS
SUSAP	KNPSK7FL17	APENSI	010PENSIK7EA0E	A	IF					18000		0	NS
SUSAP	KNPSK7FL17	APENSI	020CILEBK7PC0EE	B	CF	IPNSK7		3490012316900083PI	+ 02600			0	NS
SUSAP	KNPSK7FL17	L	010CILEBK7PC0E	I	IF	IPNSK7		34900123	PI	+ 02600	18000	0	NS
SUSAP	KNPSK7FL17	L	020BRENTK7PC0E	F	CF	IPNSK7		3490006316900060PI	+ 01700		NUN	K7D	0 NS
SUSAP	KNPSK7FL17	L	021ALICOK7PC0E	S	CF	IPNSK7		3490003516900028PI	+ 00760	-301		0	NS
SUSAP	KNPSK7FL17	L	030RW17	K7PG0GY	M	CF	IPNSK7	3490001516900020PI	00172	-301		0	NS
SUSAP	KNPSK7FL17	L	040	0	M	CA		1690	+ 00600			0	NS
SUSAP	KNPSK7FL17	L	050NUN	K7D	0VY	R	DF		+ 03000			0	NS
SUSAP	KNPSK7FL17	L	060NUN	K7D	0VE	L	HM	0894T010	+ 03000			0	NS

[illegible]

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121	THRE: 121
AIRPORT NAME: PENSACOLA INTERNATIONAL	

FACILITY
IDENTIFIER:
I-PNS

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 14A
3 APRIL 2014

SUP:	
AMDT:	14
DATED:	07/26/2012

FLIGHT STANDARDS SERVICES - 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.

[illegible]

QUALITY
2
CHECK

SUP:	
AMDT:	14
DATED:	07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NUN	NUN	010		IF		FB					
	NUN	BRENT	020		TF		FB				AA 01800	
	NUN	BRENT	030	IAF	PI	L	FB		034.0()	010.0	AA 01800	
	PENSI	PENSI	010	IAF	IF		FB					
	PENSI	CILEB	020		CF		FB		169.0()	008.3	AA 02600	
		CILEB	010	FACF	IF		FB				AA 02600	
		BRENT	020	FAF	CF		FB		169.0()	006.0	AA 01700	
		ALICO	021	SDF	CF		FB		169.0()	002.8	AA 00760	
		RW17	030	MAP	CF		FO		169.0()	002.0	AT 00172	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		169.0()		AA 00600	
	NUN	050		DF	R	FO				AA 03000	
	NUN	060		HM	L	FO		089.4()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NSE (DME)	N304326.42	W0870105.11	N3043.440	W08701.085
	NUN	N302819.71	W0872009.24	N3028.329	W08720.154
	IPNS (DME)	N302731.00	W0871106.36	N3027.517	W08711.106
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	ALICO	N303055.66	W0871157.64	N3030.928	W08711.961
	BRENT	N303339.67	W0871241.45	N3033.661	W08712.691
	CILEB	N303931.21	W0871415.53	N3039.520	W08714.259
	RW17	N302858.47	W0871126.37	N3028.975	W08711.440
	IPNS (LOC)	N302731.81	W0871103.25	N3027.530	W08711.054

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00121	51

QUALITY
2
CHECKED

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121 THRE: 121
AIRPORT NAME:
PENSACOLA INTERNATIONAL

FACILITY IDENTIFIER:
I-PNS

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 14A
3 APRIL 2014

SUP:
AMDT: 14
DATED: 07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 1.66 MILES AFTER PKZ NDB									
NUN VOR PIERE INT			PKZ NDB			103.37 / 8.43			1800		CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 DIRECT NUN VOR AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT PKZ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.									
			PKZ NDB			348.89 / 3.11			800											
										ADDITIONAL FLIGHT DATA: HOLD W, LT, 089.36 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S PKZ NDB, RT, 349.89 INBOUND. CHART FAS OBST: 170 TOWER 302744N/0871137W CHART W-155A. CHART IN PLANVIEW: PKZ NDB. PKZ NDB TO RW35: 3.64/55 CHART: 190 TOWER 302617N/0871046W										
1. PT <u> L </u> SIDE OF COURSE <u>168.89</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>PKZ NDB</u> (IAF) 2. _____ 3. FAC <u>348.89</u> FAF <u>PKZ NDB</u> DIST FAF TO MAP <u>1.66</u> THLD <u>1.66</u> 4. MIN. ALT <u>PIERE 1200, PKZ NDB 800</u> 8. MSA FROM: <u>PKZ NDB 360-270 1800, 270-360 3100</u>																	MAG VAR: 2W		EPOCH YEAR: 2010	
MINIMUMS																				
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A			STANDARD										
CATEGORY =====>		A			B			C			D			E						
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
S-35	520	5500	417	520	5500	417	520	6000	417		NA									
CIRCLING	560	1	439	720	1	599	720	1 1/2	599		NA									
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: INTENSE VFR STUDENT TRAINING INVOF AIRPORT.																				
CITY AND STATE PENSACOLA, FL				ELEVATION: 121 THRE: 103 AIRPORT NAME: PENSACOLA INTERNATIONAL			FACILITY IDENTIFIER: PKZ		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 35, AMDT 17A 3 APRIL 2014				SUP							
													AMDT 17							
													DATE 07/26/2012							

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.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				TERMINAL ROUTES				MISSED APPROACH											
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW08 CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2200 DIRECT LIYER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.18 INBOUND. CHART FAS OBST: 241 ROD ON OL TWR 302834N/0871211W CHART FAS OBST: 248 TOWER 302736N/0871337W DISTANCE TO THLD FROM 250 HATH: 0.61 NM. WAAS CHANNEL # 86219 REFERENCE PATH ID: W08A LTP HAE: 2.2 M									
HEGOB (IF/IAF)		TIGLE (FB)		079.95 / 6.70				1700											
TIGLE (FAF)		MILVE/2.00 NM TO RW08 (FB)		080.01 / 2.86															
MILVE/2.00 NM TO RW08		RW08 (MAP) (FO)		080.04 / 2.00															
RW08 (MAP)		600 MSL		080.04				600											
600 MSL		LIYER (FO)						2200											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W HEGOB, LT, 079.95 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>080.01</u> FAF: <u>TIGLE</u> DIST FAF TO MAP: <u>4.86</u> THLD: <u>4.86</u> 4. MIN. ALT: HEGOB 2000, TIGLE 1700, MILVE/2.00 NM TO RW08 780* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>TIGLE 1700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>																MAG VAR: 2W		EPOCH YEAR: 2010	
MINIMUMS																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD									
CATEGORY ==>		A			B			C			D			E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA				
LPV DA	347	1	250	347	1	250	347	1	250	347	1	250							
LNAV/VNAV DA	402	1	305	402	1	305	402	1	305	402	1	305							
LNAV MDA	560	1	463	560	1	463	560	1 3/8	463	560	1 3/8	463							
CIRCLING	560	1	439	720	1	599	720	1 1/2	599	720	2	599							
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: CAUTION: INTENSIVE VFR STUDENT TRAINING INVOF AIRPORT CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.																			
CITY AND STATE PENSACOLA, FL				ELEVATION: 121 THRE: 97 AIRPORT NAME: PENSACOLA INTERNATIONAL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 2A 3 APRIL 2014				SUP: AMDT: 2 DATED 07/26/2012					

US 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.

TAA

	FROM	TO	ALT
1.	112/30 CW 170/30 (NOPT)	112/7 CW 170/7	3100
2.	350/30 CW 112/30 (NOPT)	HEGOB (IF/IAF) (FB)	2000
	112/7 CW 170/7	HEGOB (IF/IAF) (FB)	2000
3.	170/30 CW 200/30	170/9 CW 200/9	2600
4.	170/9 CW 200/9	HEGOB (IF/IAF) (FO)	2000
	200/30 CW 350/30	HEGOB (IF/IAF) (FO)	2000

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121 THRE: 97
AIRPORT NAME:
PENSACOLA INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 8, AMDT 2A
3 APRIL 2014

SUP:
AMDT: 2
DATED: 07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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	KPNS
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	302816.8010N
LTP/FTP LONGITUDE	0871145.3800W
LTP/FTP ELLIPSOIDAL HEIGHT	+00022
FPAP LATITUDE	302835.2700N
FPAP LONGITUDE	0871004.5000W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F7761EFB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00296
FPAP ORTHOMETRIC HEIGHT	+00296

CITY AND STATE PENSACOLA, FL	ELEVATION: 121 THRE: 97 AIRPORT NAME: PENSACOLA INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 2A 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 07/26/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPNSK7FR08	AHEGOB	010HEGOBK7EA0EE	AL	HF		08000040		+ 02000	18000			A JS	
SUSAP KPNSK7FR08	R	010HEGOBK7EA0E	I	IF				+ 02000	18000			A JS	
SUSAP KPNSK7FR08	R	020TIGLEK7EA1E	F	051TF		08000067		+ 01700				A JS	
SUSAP KPNSK7FR08	R	020TIGLEK7EA2WALPV			ALNAV/VNAV ALNAV							JS	
SUSAP KPNSK7FR08	R	021MILVEK7EA0E	S	031TF		08000029	V	0078000789		-300		A JS	
SUSAP KPNSK7FR08	R	030RW08 K7PGOGY	M	031TF		08000020		00152		-300		A JS	
SUSAP KPNSK7FR08	R	040	0	M	CA	0800		+ 00600				A JS	
SUSAP KPNSK7FR08	R	050LIYERK7EA0EY	L	DF				+ 02200				A JS	
SUSAP KPNSK7FR08	R	060LIYERK7EA0EE	R	HM		18020040		+ 02200				A JS	

[illegible][illegible]

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121	THRE: 97
AIRPORT NAME: PENSACOLA INTERNATIONAL	

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 8, AMDT 2A
3 APRIL 2014

SUP:	
AMDT:	2
DATED:	07/26/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HEGOB	HEGOB	010	IAF	HF	L	FO		080.0(078.0T)	004.0	AA 02000	
		HEGOB	010	FACF	IF		FB				AA 02000	
		TIGLE	020	FAF	TF		FB	0.5	080.0(078.0T)	006.7	AA 01700	
		MILVE	021	SDF	TF		FB	0.3	080.0(078.0T)	002.9	AA 00780	GS 00789
		RW08	030	MAP	TF		FO	0.3	080.0(078.0T)	002.0	AT 00152	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		080.0(078.0T)		AA 00600	
	LIYER	050		DF	L	FO				AA 02200	
	LIYER	060		HM	R	FO		180.2(178.2T)	004.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HEGOB	N302552.28	W0872450.33	N3025.871	W08724.839
	LIYER	N303745.17	W0865831.16	N3037.753	W08658.519
	MILVE	N302751.90	W0871401.23	N3027.865	W08714.021
	TIGLE	N302716.21	W0871715.48	N3027.270	W08717.258
	RW08	N302816.80	W0871145.38	N3028.280	W08711.756

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00097	55

CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 97	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: PENSACOLA INTERNATIONAL		RNAV	RNAV (GPS) RWY 8, AMDT 2A	AMDT: 2
				3 APRIL 2014	DATED: 07/26/2012

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 2000 DIRECT OBUFY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 349.01 INBOUND. CHART FAS OBST: 226 T-L TWR 302929N/0871117W DISTANCE TO THLD FROM 200 HATH: 0.47 NM. CHART VDP AT 0.98 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 97319 REFERENCE PATH ID: W17A LTP HAE: 9.4 M											
PENSI (IAF)	WABEN (NOPT) (FB)	168.93 / 7.57	2700												
WABEN (IF/IAF)	BRENT (FB)	168.96 / 6.70	1700												
BRENT (FAF)	ALICO/2.00 NM TO RW17 (FB)	168.98 / 2.80													
ALICO/2.00 NM TO RW17	RW17 (MAP) (FO)	168.99 / 2.00													
RW17 (MAP)	321 MSL	168.99	2000												
321 MSL	OBUFY (FO)														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N WABEN, RT, 168.96 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 168.98 FAF: BRENT _____ DIST FAF TO MAP: 4.80 THLD: 4.80 4. MIN. ALT: WABEN 2700, BRENT 1700, ALICO/2.00 NM TO RW17 800* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: BRENT 1700 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.5 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 2W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	321	2400	200	321	2400	200	321	2400	200	321	2400	200			
LNAV/VNAV DA	387	2400	266	387	2400	266	387	2400	266	387	2400	266			
LNAV MDA	480	2400	359	480	2400	359	480	3000	359	480	3000	359			
CIRCLING	560	1	439	720	1	599	720	1 1/2	599	720	2	599			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PENSI ON V198-241 WESTBOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 121 THRE: 121		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
PENSACOLA, FL		AIRPORT NAME: PENSACOLA INTERNATIONAL				RNAV (GPS) RWY 17, AMDT 2B 3 APRIL 2014				AMDT: 2A					
										DATED 08/23/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: CAUTION: INTENSIVE VFR STUDENT TRAINING INVOF AIRPORT

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, AND LNAV

CATS C/D VISIBILITY TO RVR 5000.

TAA

	FROM	TO	ALT
1.	079/30 CW 109/30 (NOPT)	079/17 CW 109/17	3100
2.	109/30 CW 259/30 (NOPT)	WABEN (IF/IAF) (FB)	2700
	079/17 CW 109/17	WABEN (IF/IAF) (FB)	2700
3.	259/30 CW 049/30	WABEN (IF/IAF) (FO)	2700
	049/17 CW 079/17	WABEN (IF/IAF) (FO)	2700
4.	049/30 CW 079/30	049/17 CW 079/17	3100

CITY AND STATE

PENSACOLA, FL

ELEVATION: 121

THRE: 121

AIRPORT NAME:

PENSACOLA INTERNATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 2B

3 APRIL 2014

SUP:

AMDT: 2A

DATED: 08/23/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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	KPNS
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W17A
REFERENCE PATH IDENTIFIER (APPROACH ID)	302858.4710N
LTP/FTP LATITUDE	0871126.3725W
LTP/FTP LONGITUDE	+00094
LTP/FTP ELLIPSOIDAL HEIGHT	302731.4500N
FPAP LATITUDE	0871103.1600W
FPAP LONGITUDE	00050.5
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0616
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER 4DF0F4E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00369
FPAP ORTHOMETRIC HEIGHT	+00369

CITY AND STATE PENSACOLA, FL	ELEVATION: 121 THRE: 121 AIRPORT NAME: PENSACOLA INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2B 3 APRIL 2014	SUP:
				AMDT: 2A
				DATED: 08/23/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPNSK7FR17	APENSI	010PENS	IK7EA0E	A	IF				18000			A	JS
SUSAP KPNSK7FR17	APENSI	020WABEN	K7EA0EE	B	010TF		16890076	+	02700			A	JS
SUSAP KPNSK7FR17	AWABEN	010WABEN	K7EA0EE	AR	HF		16900040	+	02700	18000		A	JS
SUSAP KPNSK7FR17	R	010WABEN	K7EA0E	I	IF			+	02700	18000		A	JS
SUSAP KPNSK7FR17	R	020BRENT	K7EA1E	F	051TF		16900067	+	01700			A	JS
SUSAP KPNSK7FR17	R	020BRENT	K7EA2WAL	PV		ALNAV/VNAV	ALNAV						JS
SUSAP KPNSK7FR17	R	021ALIC	K7EA0E	S	031TF		16900028	V	0080000809		-300	A	JS
SUSAP KPNSK7FR17	R	030RW17	K7PGOGY	M	031TF		16900020		00172		-300	A	JS
SUSAP KPNSK7FR17	R	040		0	M	CA	1690	+	00321			A	JS
SUSAP KPNSK7FR17	R	0500BUFY	K7EA0EY		DF			+	02000			A	JS
SUSAP KPNSK7FR17	R	0600BUFY	K7EA0EE	R	HM		34900040	+	02000			A	JS

[illegible][illegible]

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121	THRE: 121
AIRPORT NAME: PENSACOLA INTERNATIONAL	

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 2B
3 APRIL 2014

SUP:	
AMDT:	2A
DATED:	08/23/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PENSI	PENSI	010	IAF	IF		FB					
	PENSI	WABEN	020		TF		FB	1.0	168.9(166.9T)	007.6	AA 02700	
	WABEN	WABEN	010	IAF	HF	R	FO		169.0(167.0T)	004.0	AA 02700	
		WABEN	010	FACF	IF		FB				AA 02700	
		BRENT	020	FAF	TF		FB	0.5	169.0(167.0T)	006.7	AA 01700	
		ALICO	021	SDF	TF		FB	0.3	169.0(167.0T)	002.8	AA 00800 GS 00809	
		RW17	030	MAP	TF		FO	0.3	169.0(167.0T)	002.0	AT 00172	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		169.0(167.0T)		AA 00321	
	OBUFY	050		DF		FO				AA 02000	
	OBUFY	060		HM	R	FO		349.0(347.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALICO	N303055.66	W0871157.64	N3030.928	W08711.961
	BRENT	N303339.67	W0871241.45	N3033.661	W08712.691
	OBUFY	N301634.51	W0870808.28	N3016.575	W08708.138
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	WABEN	N304012.23	W0871426.47	N3040.204	W08714.441
	RW17	N302858.47	W0871126.37	N3028.975	W08711.440

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00121	51

CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 121	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 17, AMDT 2B	AMDT: 2A
	PENSACOLA INTERNATIONAL	RNAV		3 APRIL 2014	DATED: 08/23/2012

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW26 CLIMB TO 2000 DIRECT HEGOB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 079.95 INBOUND. CHART FAS OBST: 187 ANT 302841N/0871028W CHART R-2915A. CHART W-155A. DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 0.85 MILES TO RW26* *LNAV ONLY. WAAS CHANNEL # 90119 REFERENCE PATH ID: W26A LTP HAE: 7.3 M											
BAKOS	LIYER (FB)	218.27 / 14.08	2200												
PENSI	LIYER (FB)	124.39 / 18.29	2200												
VARRE	GNIUS (FB)	312.40 / 3.90	2200												
LIYER (IAF)	HOMTU (FB)	180.17 / 7.00	2200												
GNIUS (IAF)	HOMTU (FB)	340.20 / 7.00	2200												
HOMTU (IF)	HAROT (FB)	260.17 / 5.95	1700												
HAROT (FAF)	FIDUL/2.20 NM TO RW26 (FB)	260.12 / 2.61													
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT HOMTU 3. FAC: <u>260.12</u> FAF: <u>HAROT</u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u> 4. MIN. ALT: <u>HOMTU 2200, HAROT 1700, FIDUL/2.20 NM TO RW26 860*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>HAROT 1700</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW26 3100</u>				MAG VAR: 2W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	314	3/4	200	314	3/4	200	314	3/4	200	314	3/4	200			
LNAV/VNAV DA	364	3/4	250	364	3/4	250	364	3/4	250	364	3/4	250			
LNAV MDA	440	1	326	440	1	326	440	1	326	440	1	326			
CIRCLING	560	1	439	720	1	599	720	1 1/2	599	720	2	599			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: CAUTION: INTENSIVE VFR STUDENT TRAINING INVOF AIRPORT CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT VARRE.															
CITY AND STATE		ELEVATION: 121 THRE: 114		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
PENSACOLA, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 26, AMDT 2A				AMDT: 2					
		PENSACOLA INTERNATIONAL				3 APRIL 2014				DATED		07/26/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FIDUL/2.20 NM TO RW26	RW26 (MAP) (FO)	260.09 / 2.20	
RW26 (MAP)	314 MSL	260.09	
314 MSL	HEGOB (FO)		2000

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121 THRE: 114
AIRPORT NAME:
PENSACOLA INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 26, AMDT 2A
3 APRIL 2014

SUP:
AMDT: 2
DATED: 07/26/2012

**RNAV 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	KPNS
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W26A
REFERENCE PATH IDENTIFIER (APPROACH ID)	302831.1280N
LTP/FTP LATITUDE	0871027.1130W
LTP/FTP LONGITUDE	+00073
LTP/FTP ELLIPSOIDAL HEIGHT	302812.6600N
FPAP LATITUDE	0871207.9900W
FPAP LONGITUDE	00055.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0616
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

9DFE2BF2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00346
FPAP ORTHOMETRIC HEIGHT	+00346

CITY AND STATE
PENSACOLA, FL

ELEVATION: 121 THRE: 114
AIRPORT NAME:
PENSACOLA INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 26, AMDT 2A
3 APRIL 2014

SUP:
AMDT: 2
DATED: 07/26/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPNSK7FR26	ABAKOS	010BAKOSK7EA0E	IF							18000		A JS	
SUSAP KPNSK7FR26	ABAKOS	020LIYERK7EA0E	A 020TF			21830141	+ 02200					A JS	
SUSAP KPNSK7FR26	ABAKOS	030HOMTUK7EA0EE	B 010TF			18020070	+ 02200					A JS	
SUSAP KPNSK7FR26	APENSI	010PENSIK7EA0E	IF							18000		A JS	
SUSAP KPNSK7FR26	APENSI	020LIYERK7EA0E	A 020TF			12440183	+ 02200					A JS	
SUSAP KPNSK7FR26	APENSI	030HOMTUK7EA0EE	B 010TF			18020070	+ 02200					A JS	
SUSAP KPNSK7FR26	AVARRE	010VARREK7EA0E	IF							18000		A JS	
SUSAP KPNSK7FR26	AVARRE	020GNIUSK7EA0E	A 020TF			31240039	+ 02200					A JS	
SUSAP KPNSK7FR26	AVARRE	030HOMTUK7EA0EE	B 010TF			34020070	+ 02200					A JS	
SUSAP KPNSK7FR26	R	010HOMTUK7EA0E	I IF				+ 02200			18000		A JS	
SUSAP KPNSK7FR26	R	020HAROTK7EA1E	F 051TF			26020060	+ 01700				RW26 K7PGA	JS	
SUSAP KPNSK7FR26	R	020HAROTK7EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP KPNSK7FR26	R	021FIDULK7EA0E	S 031TF			26010026	V 0086000869			-300		A JS	
SUSAP KPNSK7FR26	R	030RW26 K7PGOGY M	031TF			26010022	00169			-300		A JS	
SUSAP KPNSK7FR26	R	040	0 M CA			2601	+ 00314					A JS	
SUSAP KPNSK7FR26	R	050HEGOBK7EA0EY	DF				+ 02000					A JS	
SUSAP KPNSK7FR26	R	060HEGOBK7EA0EE	L HM			08000040	+ 02000					A JS	

[illegible]

CITY AND STATE PENSACOLA, FL	ELEVATION: 121 THRE: 114 AIRPORT NAME: PENSACOLA INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 2A 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 07/26/2012

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

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KPN SK7PR26	RW26 001	0000W26A0N3028311280W08710271130+000730300N3028126600W08712079900106750616000550F4003509DFE2BF2										
	SUSAP KPN SK7PR26	RW26 002E	+00346+00346LPV	90119									

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KPN SK7SRW26 K7PG	0	18018003125									M	

CITY AND STATE
PENSACOLA, FL

ELEVATION: **121** THRE: **114**
AIRPORT NAME:
PENSACOLA INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 26, AMDT 2A
3 APRIL 2014

SUP:
AMDT: **2**
DATED: **07/26/2012**

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BAKOS	BAKOS	010		IF		FB					
	BAKOS	LIYER	020	IAF	TF		FB	2.0	218.3 (216.3T)	014.1	AA 02200	
	BAKOS	HOMTU	030		TF		FB	1.0	180.2 (178.2T)	007.0	AA 02200	
	PENSI	PENSI	010		IF		FB					
	PENSI	LIYER	020	IAF	TF		FB	2.0	124.4 (122.4T)	018.3	AA 02200	
	PENSI	HOMTU	030		TF		FB	1.0	180.2 (178.2T)	007.0	AA 02200	
	VARRE	VARRE	010		IF		FB					
	VARRE	GNIUS	020	IAF	TF		FB	2.0	312.4 (310.4T)	003.9	AA 02200	
	VARRE	HOMTU	030		TF		FB	1.0	340.2 (338.2T)	007.0	AA 02200	
		HOMTU	010	FACF	IF		FB				AA 02200	
		HAROT	020	FAF	TF		FB	0.5	260.2 (258.2T)	006.0	AA 01700	
		FIDUL	021	SDF	TF		FB	0.3	260.1 (258.1T)	002.6	AA 00860	GS 00869
		RW26	030	MAP	TF		FO	0.3	260.1 (258.1T)	002.2	AT 00169	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		260.1 (258.1T)		AA 00314	
	HEGOB	050		DF		FO				AA 02000	
	HEGOB	060		HM	L	FO		080.0 (078.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAKOS	N304908.15	W0864851.97	N3049.136	W08648.866
	FIDUL	N302858.46	W0870757.64	N3028.974	W08707.961
	GNIUS	N302413.58	W0865515.01	N3024.226	W08655.250
	HAROT	N302930.80	W0870500.35	N3029.513	W08705.006
	HEGOB	N302552.28	W0872450.33	N3025.871	W08724.839
	HOMTU	N303044.41	W0865815.61	N3030.740	W08658.260
	LIYER	N303745.17	W0865831.16	N3037.753	W08658.519
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	VARRE	N302141.59	W0865148.90	N3021.693	W08651.815
	RW26	N302831.13	W0871027.11	N3028.519	W08710.452

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00114	55

CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 114	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 2A 3 APRIL 2014	SUP:
	AIRPORT NAME: PENSACOLA INTERNATIONAL			AMDT: 2	
				DATED: 07/26/2012	

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	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 2700 DIRECT WABEN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 168.96 INBOUND. CHART FAS OBST: 223 ANT ON OL TWR 302811N/0871054W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.01 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 40020 REFERENCE PATH ID: W35A LTP HAE: 4 M								
PENSI	OBUFY (FO)	168.94 / 31.76	2000									
OBUFY (IF/IAF)	PIGIE (FB)	349.01 / 6.70	1700									
PIGIE (FAF)	RW35 (MAP) (FO)	349.00 / 4.84										
RW35 (MAP)	303 MSL	349.00										
303 MSL	WABEN (FO)		2700									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S OBUFY, RT, 349.01 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 349.00 FAF: PIGIE _____ DIST FAF TO MAP: 4.84 THLD: 4.84 4. MIN. ALT: OBUFY 2000, PIGIE 1700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1700 GS ALT AT: PIGIE 1700 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 2W EPOCH YEAR: 2010								
MINIMUMS												
TAKEOFF: 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	303	4000	200	303	4000	200	303	4000	200	303	4000	200
LNAV/VNAV DA	384	4500	281	384	4500	281	384	4500	281	384	4500	281
LNAV MDA	480	5500	377	480	5500	377	480	5500	377	480	5500	377
CIRCLING	560	1	439	720	1	599	720	1 1/2	599	720	2	599
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C (34F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PENSI ON V198-241 WESTBOUND. CHART NOTE: CAUTION: INTENSIVE VFR STUDENT TRAINING INVOF AIRPORT												
CITY AND STATE		ELEVATION: 121 THRE: 103		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
PENSACOLA, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 35, AMDT 2A			AMDT: 2			
		PENSACOLA INTERNATIONAL				3 APRIL 2014			DATED 07/26/2012			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	259/30 CW 079/30 (NOPT)	OBUFY (IF/IAF) (FB)	2000
2.	079/30 CW 259/30	079/25 CW 259/25	3000
3.	079/25 CW 259/25	OBUFY (IF/IAF) (FO)	2000



CITY AND STATE PENSACOLA, FL	ELEVATION: 121 THRE: 103 AIRPORT NAME: PENSACOLA INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2A 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 07/26/2012

RNAV 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 KPNS
RUNWAY RW35
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W35A
LTP/FTP LATITUDE 302750.9280N
LTP/FTP LONGITUDE 0871108.3495W
LTP/FTP ELLIPSOIDAL HEIGHT +00040
FPAP LATITUDE 302917.9500N
FPAP LONGITUDE 0871131.5600W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0616
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

7CE26CE5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00313
FPAP ORTHOMETRIC HEIGHT +00313

QUALITY
9
CHECKED

CITY AND STATE PENSACOLA, FL	ELEVATION: 121 THRE: 103 AIRPORT NAME: PENSACOLA INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2A 3 APRIL 2014	SUP:
				AMDT: 2
				DATED: 07/26/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPNSK7FR35	APENSI	010PENS	IK7EA0E	IF					18000		A	JS
SUSAP	KPNSK7FR35	APENSI	020OBUFYK7EA0EY	020TF		16890318		+	02000			A	JS
SUSAP	KPNSK7FR35	APENSI	030OBUFYK7EA0EE	AR HF		34900040		+	02000			A	JS
SUSAP	KPNSK7FR35	R	010OBUFYK7EA0E	I IF				+	02000	18000		A	JS
SUSAP	KPNSK7FR35	R	020PIGIEK7EA1E	F 051TF		34900067		+	01700			A	JS
SUSAP	KPNSK7FR35	R	020PIGIEK7EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KPNSK7FR35	R	030RW35 K7PGOGY	M 031TF		34900048			00158	-300		A	JS
SUSAP	KPNSK7FR35	R	040	0 M CA		3490		+	00303			A	JS
SUSAP	KPNSK7FR35	R	050WABENK7EA0EY	DF				+	02700			A	JS
SUSAP	KPNSK7FR35	R	060WABENK7EA0EE	R HM		16900040		+	02700			A	JS

[illegible][illegible]

Page 4 of 5 Pages

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

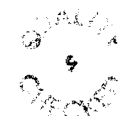
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PENSI	PENSI	010		IF		FB					
	PENSI	OBUFY	020		TF		FO	2.0	168.9 (166.9T)	031.8	AA 02000	
	PENSI	OBUFY	030	IAF	HF	R	FO		349.0 (347.0T)	004.0	AA 02000	
		OBUFY	010	FACF	IF		FB				AA 02000	
		PIGIE	020	FAF	TF		FB	0.5	349.0 (347.0T)	006.7	AA 01700	
		RW35	030	MAP	TF		FO	0.3	349.0 (347.0T)	004.8	AT 00158	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		349.0 (347.0T)		AA 00303	
	WABEN	050		DF		FO				AA 02700	
	WABEN	060		HM	R	FO		169.0 (167.0T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OBUFY	N301634.51	W0870808.28	N3016.575	W08708.138
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	PIGIE	N302307.14	W0870952.72	N3023.119	W08709.879
	WABEN	N304012.23	W0871426.47	N3040.204	W08714.441
	RW35	N302750.93	W0871108.35	N3027.849	W08711.139

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00103	55

CITY AND STATE PENSACOLA, FL	ELEVATION: 121	THRE: 103	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2A 3 APRIL 2014	SUP:
	AIRPORT NAME: PENSACOLA INTERNATIONAL				AMDT: 2
					DATED: 07/26/2012



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 7.26 MILES AFTER NUN VOR
PENSI INT/CEW VORTAC 30.79 DME	NUN VOR	188.49 / 19.49	3000	CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2600 DIRECT NUN VOR AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD W, LT, 089.36 INBOUND. CHART FAS OBST: 480 TOWER 302921N/0871658W

1. PT R SIDE OF COURSE 269.36 OUTBOUND 3000 FT WITHIN 10 MILES OF NUN VOR (IAF)
2. _____
3. FAC 089.36 FAF NUN VOR DIST FAF TO MAP 7.26 THLD 7.26
4. MIN. ALT NUN VOR 2000
8. MSA FROM: NUN VOR 040-280 1800, 280-040 3100

MAG VAR: 1E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	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-08	800	1	703	800	1	703	800	2	703	800	2	703			
CIRCLING	800	1	679	800	1	679	800	2	679	800	2 1/4	679			

NOTES:

CHART NOTE: CAUTION: INTENSIVE STUDENT TRAINING INVOF AIRPORT
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

@ CAT D 800-2 1/4

CITY AND STATE PENSACOLA, FL	ELEVATION: 121 AIRPORT NAME: PENSACOLA INTERNATIONAL	THRE: 97	FACILITY IDENTIFIER: NUN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 8, AMDT 4A 3 APRIL 2014	SUP AMDT 4 DATE 07/26/2012

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																															
TERMINAL ROUTES																																																																																	
FROM	TO	COURSE AND DISTANCE	ALTITUDE																																																																														
PIE VORTAC	CAPOK LOM/PIE 5.33 DME/RADAR	353.76 / 5.33	1700																																																																														
DARBS INT/PIE 19.97 DME (IAF)	ZEPUM/PIE 12.00 DME/RADAR (NOPT)	106.31 / 7.11 (HDG) & 176.31 / 4.31 (I-PIE)	2600																																																																														
WIPSO/PIE 18.00 DME/RADAR (IAF)	ZEPUM/PIE 12.00 DME/RADAR (NOPT)	176.31 / 6.00 (I-PIE)	2600																																																																														
ZEPUM/PIE 12.00 DME/RADAR (IF)	CAPOK LOM/PIE 5.33 DME/RADAR	176.31 / 6.67 (I-PIE)	1500																																																																														
MISSED APPROACH ILS: DA LOC: 4.35 MILES AFTER CAPOK LOM/PIE 5.33 DME/RADAR CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 1700 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 173 AND SRQ VORTAC R-353 TO JRGAL INT/SRQ 11.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 096.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N JRGAL INT/SRQ 11.00 DME, RT, 172.92 INBOUND. CHART 200 KIAS HOLDING PATTERN ICON AT CAPOK LOM. CHART FAS OBST: 26 BUSH 275524N/0824134W CHART: 307 TOWER 280000N/0824200W CHART (CFBBD) AT INTERSECTION OF DARBS DR LEG AND INTERMEDIATE COURSE. CHART IN PLANVIEW: JRGAL INT/SRQ 11.00 DME. * DME FROM PIE VORTAC.																																																																																	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N CAPOK LOM, RT, 176.31 INBOUND, 1700 FT. IN LIEU OF PT (IAF) 3. FAC: 176.31 FAF: CAPOK LOM/PIE 5.33 DME/RADAR DIST FAF TO MAP: 4.35 THLD: 4.35 4. MIN. ALT: CAPOK LOM/PIE 5.33 DME 1500, JINPI/PIE 2.38 DME 520* 5. DIST TO THLD FROM OM: 4.35 MM: - IM: - 150 HAT: 1876 100 HAT: 922 GS ANT: 1001 6. MIN GS INCPT: 1500 GS ALT AT: - OM: 1461 MM: - IM: - 7. GS ANGLE: 3.00 TCH: 52.2 8. MSA FROM: PIE VORTAC 2700																																																																																	
		MAG VAR: 5W EPOCH YEAR: 2010																																																																															
MINIMUMS																																																																																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A	ILS: STANDARD # LOC: STANDARD @																																																																														
CATEGORY =====>	<table border="1" style="width:100%; border-collapse: collapse; font-size: x-small;"> <tr> <th colspan="3">A</th> <th colspan="3">B</th> <th colspan="3">C</th> <th colspan="3">D</th> <th colspan="3">E</th> </tr> <tr> <th>DH/MDA</th><th>VIS</th><th>HAT/HAA</th> <th>DH/MDA</th><th>VIS</th><th>HAT/HAA</th> <th>DH/MDA</th><th>VIS</th><th>HAT/HAA</th> <th>DH/MDA</th><th>VIS</th><th>HAT/HAA</th> <th>DH/MDA</th><th>VIS</th><th>HAT/HAA</th> </tr> <tr> <td>S-ILS 18L</td><td>207</td><td>1800</td><td>200</td><td>207</td><td>1800</td><td>200</td><td>207</td><td>1800</td><td>200</td><td>207</td><td>1800</td><td>200</td><td>207</td><td>1800</td><td>200</td> </tr> <tr> <td>S-LOC 18L</td><td>520</td><td>2400</td><td>513</td><td>520</td><td>2400</td><td>513</td><td>520</td><td>5500</td><td>513</td><td>520</td><td>5500</td><td>513</td><td>520</td><td>5500</td><td>513</td> </tr> <tr> <td>CIRCLING</td><td>520</td><td>1</td><td>509</td><td>520</td><td>1</td><td>509</td><td>520</td><td>1 1/2</td><td>509</td><td>580</td><td>2</td><td>569</td><td>960</td><td>3</td><td>949</td> </tr> </table>			A			B			C			D			E			DH/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 18L	207	1800	200	207	1800	200	207	1800	200	207	1800	200	207	1800	200	S-LOC 18L	520	2400	513	520	2400	513	520	5500	513	520	5500	513	520	5500	513	CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569	960	3	949
A			B			C			D			E																																																																					
DH/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 18L	207	1800	200	207	1800	200	207	1800	200	207	1800	200	207	1800	200																																																																		
S-LOC 18L	520	2400	513	520	2400	513	520	5500	513	520	5500	513	520	5500	513																																																																		
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569	960	3	949																																																																		
JINPI FIX MINIMUMS *																																																																																	
S-LOC 18L	280	2400	273	280	2400	273	280	2400	273	280	2400	273	280	2400	273																																																																		
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569	960	3	949																																																																		
NOTES: SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 18L: CAT A, B, C, D, RA 157, RVR 1400, HATh 150, DA 157 MSL. CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 18L: CAT A, B, C, D, RA 107, RVR 1200, HATh 100, DA 107 MSL. (SEE FORM 8260-10)																																																																																	
CITY AND STATE ST PETERSBURG-CLEARWATER, FL		ELEVATION: 11 THRE: 7 AIRPORT NAME: ST PETE-CLEARWATER INTL		FACILITY IDENTIFIER: I-PIE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 18L, AMDT 22A ILS RWY 18L (SA CAT I) ILS RWY 18L (CAT II)				SUP: AMDT: 22 DATED 07/26/2012																																																																							

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

*LOC ONLY

CHART PROFILE NOTE: *560 WHEN USING TAMPA INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR CAT E.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE S-ILS 18L DA TO 231 FEET; INCREASE ALL MDA 40 FEET AND S-LOC 18L CAT C, D AND E VISIBILITY TO RVR 6000.

CHART PLANVIEW NOTE: COURSE REVERSAL AT CAPOK NA FOR CAT E AIRCRAFT.

SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.

CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL OF AUTOLAND OR HUD TO TOUCHDOWN.

CHART NOTE: SA CATEGORY I S-ILS R18L NA WHEN CONTROL TOWER CLOSED.

CHART NOTE: SA CATEGORY I S-ILS R18L NA WHEN USING TAMPA INTL ALTIMETER SETTING.

CHART NOTE: CATEGORY II S-ILS R18L NA WHEN CONTROL TOWER CLOSED.

CHART NOTE: CATEGORY II S-ILS R18L NA WHEN USING TAMPA INTL ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 18L CAT E VISIBILITY TO RVR 4000 AND S-LOC 18L CAT E VISIBILITY TO 1 3/8 MILE. WHEN USING TAMPA INTL ALTIMETER SETTING, INCREASE S-ILS 18L CAT E VISIBILITY TO RVR 4000 AND S-LOC 18L CAT C, D AND E VISIBILITY TO 1 5/8 MILE.

CHART NOTE: JINPI DME FIX MINIMUMS: FOR INOPERATIVE MALSR WHEN USING TAMPA INTL ALTIMETER SETTING, INCREASE S-LOC 18L CAT C, D, AND E VISIBILITY TO 7/8 MILE.

CHART NOTE: DME FROM PIE VORTAC. DME, RADAR, OR ADF REQUIRED.

CHART PLANVIEW NOTE: DME, RADAR, OR ADF REQUIRED.

QUALITY
9
CHECKED

CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 7

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:

I-PIE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 18L, AMDT 22A

ILS RWY 18L (SA CAT I)

ILS RWY 18L (CAT II)

4/3/2014

SUP:

AMDT: 22

DATED: 07/26/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.29

ARINC PACKET - 424-18 - ILS

[illegible]

SUP:	
AMDT:	22
DATED:	07/26/2012

FLIGHT STANDARDS SERVICES - 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.

SUSAP KPIEK7SPIE K7D	0	18018002725	M

QUALITY
2
CHECKED

CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11	THRE: 7	FACILITY IDENTIFIER: I-PIE	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ST PETE-CLEARWATER INTL			ILS OR LOC RWY 18L, AMDT 22A ILS RWY 18L (SA CAT I) ILS RWY 18L (CAT II)	AMDT: 22
				4/3/2014	DATED: 07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DARBS	DARBS	010	IAF	IF		FB					
	DARBS	CFBBD	020		TF		FB				AA 02600	
	DARBS	ZEPUM	030		CF		FB		176.3 ()	004.3	AA 02600	
	PIE	PIE	010		IF		FB					
	PIE	CAPOK	020		TF		FO				AA 01700	
	PIE	CAPOK	030	IAF	HF	R	FO		176.3 ()	T01.0	AA 01700	AB 200
	WIPSO	WIPSO	010	IAF	IF		FB					
	WIPSO	ZEPUM	020		CF		FB		176.3 ()	006.0	AA 02600	
		ZEPUM	010	FACF	IF		FB				AA 02600 GI 01500	
		CAPOK	020	FAF	CF		FB		176.0 ()	006.7	GI 01500 GS 01461	
		RW18L	030	MAP	CF		FO		176.0 ()	004.4	AT 00059	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.3 ()		AA 00500	
	LAFAL	050		CF	R	FO		276.0 ()	008.0	AA 01700	
	LAFAL	060		HM	R	FO		096.0 ()	T01.0	AA 01700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	DARBS	N281159.97	W0825157.11	N2812.000	W08251.952
	LAFAL	N275436.05	W0825005.24	N2754.601	W08250.087
	CAPOK	N275942.79	W0824211.05	N2759.713	W08242.184
	CFBBD	N281035.87	W0824403.84	N2810.598	W08244.064
	WIPSO	N281216.45	W0824421.23	N2812.274	W08244.354
	ZEPUM	N280619.65	W0824319.54	N2806.328	W08243.326
	RW18L	N275524.29	W0824126.54	N2755.405	W08241.442
	IPIE (LOC)	N275343.18	W0824109.15	N2753.720	W08241.153

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00007	53

QUALITY
CHECKED
2

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 7
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
I-PIE

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 18L, AMDT 22A
ILS RWY 18L (SA CAT I)
ILS RWY 18L (CAT II) 4/3/2014

SUP:
AMDT: 22
DATED: 07/26/2012

FLIGHT STANDARDS SERVICES - 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.

[illegible]

CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11	THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			ILS OR LOC RWY 18L, AMDT 22A	
	ST PETE-CLEARWATER INTL			ILS RWY 18L (SA CAT I)	AMDT: 22
			I-PIE	ILS RWY 18L (CAT II) 4/3/2014	DATED: 07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KPIEK7GRW18L 0097301763 N27552429W082412654+0000 -0022700007000053150IPIE1												
ILS	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KPIEK7IPIE1 010910RW18LN27534318W0824109151763N27551509W0824120450600 10010388300W00505300005												
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KPIEK7SPIE K7D 0 18018002725 M												

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 7
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
I-PIE

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 18L, AMDT 22A
ILS RWY 18L (SA CAT I)
ILS RWY 18L (CAT II) 4/3/2014

SUP:
AMDT: 22
DATED: 07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DARBS	DARBS	010	IAF	IF		FB					
	DARBS	CFBBD	020		TF		FB				AA 02600	
	DARBS	ZEPUM	030		CF		FB		176.3 ()	004.3	AA 02600	
	PIE	PIE	010		IF		FB					
	PIE	CAPOK	020		TF		FO				AA 01700	
	PIE	CAPOK	030	IAF	HF	R	FO		176.3 ()	T01.0	AA 01700	AB 200
	WIPSO	WIPSO	010	IAF	IF		FB					
	WIPSO	ZEPUM	020		CF		FB		176.3 ()	006.0	AA 02600	
		ZEPUM	010	FACF	IF		FB				AA 02600	
		CAPOK	020	FAF	CF		FB		176.0 ()	006.7	AA 01500	
		JINPI	021	SDF	CF		FB		176.0 ()	003.0	AA 00520	
		RW18L	030	MAP	CF		FO		176.0 ()	001.4	AT 00059	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.3 ()		AA 00500	
	LAFAL	050		CF	R	FO		276.0 ()	008.0	AA 01700	
	LAFAL	060		HM	R	FO		096.0 ()	T01.0	AA 01700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	DARBS	N281159.97	W0825157.11	N2812.000	W08251.952
	LAFAL	N275436.05	W0825005.24	N2754.601	W08250.087
	CAPOK	N275942.79	W0824211.05	N2759.713	W08242.184
	CFBBD	N281035.87	W0824403.84	N2810.598	W08244.064
	JINPI	N275647.55	W0824140.87	N2756.793	W08241.681
	WIPSO	N281216.45	W0824421.23	N2812.274	W08244.354
	ZEPUM	N280619.65	W0824319.54	N2806.328	W08243.326
	RW18L	N275524.29	W0824126.54	N2755.405	W08241.442
	IPIE (LOC)	N275343.18	W0824109.15	N2753.720	W08241.153

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00007	53

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 7
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
I-PIE

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 18L, AMDT 22A
ILS RWY 18L (SA CAT I)
ILS RWY 18L (CAT II) 4/3/2014

SUP:
AMDT: 22
DATED: 07/26/2012

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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: 6.08 MILES AFTER SONES/PIE 6.55 DME/RADAR OR AT PIE 0.51 DME FIX CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 190 AND SRQ VORTAC R-339 TO CURUG/SRQ 23.28 DME AND HOLD (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 096.00 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N CURUG/SRQ 23.28 DME, RT, 159.42 INBOUND. CHART FAS OBST: 140 TOWER 275324N/0824051W CHART 372 TOWER 274741N/0824006W. CHART IN PLANVIEW: CURUG/SRQ 23.28 DME. * DME FROM PIE VORTAC								
PIE VORTAC		SONES/PIE 6.55 DME/RADAR		178.01 / 6.55		2000										
SRQ VORTAC (IAF)		RONXI/PIE 12.54 DME/RADAR (NOPT)		349.93 / 18.16		2000										
RONXI/PIE 12.54 DME/RADAR (IF)		SONES/PIE 6.55 DME/RADAR		356.31 / 5.99 (I-CWT)		2000										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S SONES, LT, 356.31 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 356.31 FAF: SONES/PIE 6.55 DME/RADAR DIST FAF TO MAP: 6.08 THLD: 6.08 4. MIN. ALT: SONES 2000, SAWGA/PIE 2.58 DME/RADAR 720* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: 1100 6. MIN GS INCPT: 2000 GS ALT AT: SONES 2000 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.1 8. MSA FROM: PIE VORTAC 2700								MAG VAR: 5W EPOCH YEAR: 2010								
MINIMUMS																
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		ILS: #		LOC: STANDARD @				
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 36R	210	3/4	200	210	3/4	200	210	3/4	200	210	3/4	200	210	3/4	200	
S-LOC 36R	720	1	710	720	1	710	720	2	710	720	2	710	720	2	710	
CIRCLING	720	1	709	720	1	709	720	2	709	720	2 1/4	709	960	3	949	
SAWGA FIX MINIMUMS*																
S-LOC 36R	380	1	370	380	1	370	380	1	370	380	1	370	380	1	370	
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569	960	3	949	
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. *LOC ONLY CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND (SEE FORM 8260-10)																
CITY AND STATE ST PETERSBURG-CLEARWATER, FL				ELEVATION: 11 THRE: 10 AIRPORT NAME: ST PETE-CLEARWATER INTL		FACILITY IDENTIFIER: I-CWT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36R, AMDT 3A 3 APRIL 2014				SUP:				
												AMDT: 3				
												DATED 07/26/2012				

 QUALITY
CHECKED

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR 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 DA TO 234 FEET, INCREASE ALL MDA 40 FEET, S-LOC 36R CAT B 1/4 MILE, CIRCLING CAT B, C, D 1/4 MILE, AND SAWGA FIX MINIMUMS S-LOC 36R CAT C, D AND E VISIBILITY 1/8 MILE.



CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 10

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:

I-CWT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 36R, AMDT 3A

3 APRIL 2014

SUP:

AMDT:

3

DATED:

07/26/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.29

ARINC PACKET - 424-18 - ILS

[illegible]

Page 3 of 8 Pages

FLIGHT STANDARDS SERVICES - 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.

SUSAP KPIEK7IICWT1 010870RW36RN27553702W0824128743563N27540854W0824116441300 11000397300W00505500011

[illegible]

SUP:	
AMDT:	3
DATED:	07/26/2012

Page 4 of 8 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PIE	PIE	010		IF		FB					
	PIE	SONES	020		TF		FO				AA 02000	
	PIE	SONES	030	IAF	HF	L	FO		356.3()	T01.0	AA 02000	
	SRQ	SRQ	010	IAF	FC		FB		349.9()	016.2	AA 02000	
	SRQ	RONXI	020		CF		FB		349.9()	002.0	AA 02000	
		RONXI	010	FACF	IF		FB				AA 02000 GI 02000	
		SONES	020	FAF	CF		FB		356.0()	006.0	GI 02000 GS 02000	
		RW36R	030	MAP	CF		FO		356.0()	006.1	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.3()		AA 00600	
	LAFAL	050		CF		FO		276.0()	008.0	AA 02000	
	LAFAL	060		HM	R	FO		096.0()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	SRQ	N272425.26	W0823349.16	N2724.421	W08233.819
	LAFAL	N275436.05	W0825005.24	N2754.601	W08250.087
	RONXI	N274200.30	W0823908.45	N2742.005	W08239.141
	SONES	N274756.78	W0824009.61	N2747.946	W08240.160
	RW36R	N275358.16	W0824111.72	N2753.969	W08241.195
	ICWT (LOC)	N275537.02	W0824128.74	N2755.617	W08241.479

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36R	00010		55

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 10
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
I-CWT

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 36R, AMDT 3A
3 APRIL 2014

SUP:
AMDT: 3
DATED: 07/26/2012

FLIGHT STANDARDS SERVICES - 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.

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPIEK7FL36R	APIE	010PIE	K7D 0V	IF					18000		0	NS
SUSAP	KPIEK7FL36R	APIE	020SONESK7PCOEY		TF				+ 02000			0	NS
SUSAP	KPIEK7FL36R	APIE	030SONESK7PCOEE	AL	HF	PIE K7	178000663563T010D		+ 02000			0	NS
SUSAP	KPIEK7FL36R	ASRQ	010SRQ	K7D 0V A	FC	SRQ K7	0000000034990162D		+ 02000	18000		0	NS
SUSAP	KPIEK7FL36R	ASRQ	020RONXIK7PCOEE	B	CF	ICWTK7	1763013734990020PI		+ 02000			0	NS
SUSAP	KPIEK7FL36R	L	010RONXIK7PCOE	I	IF	ICWTK7	17630137	PI	+ 02000	18000		0	NS
SUSAP	KPIEK7FL36R	L	020SONESK7PCOE	F	CF	ICWTK7	1763007735600060PI		+ 02000		PIE	K7D	0 NS
SUSAP	KPIEK7FL36R	L	021SAWGAK7PCOE	S	CF	ICWTK7	1763003835600040PI		+ 00720		-301		0 NS
SUSAP	KPIEK7FL36R	L	030RW36RK7PGOGY	M	CF	ICWTK7	1763001735600021PI		00065		-301		0 NS
SUSAP	KPIEK7FL36R	L	040	0 M	CA		3563		+ 00600				0 NS
SUSAP	KPIEK7FL36R	L	050LAFALK7EA0EY		CF	PIE K7	2760008027600080D		+ 02000				0 NS
SUSAP	KPIEK7FL36R	L	060LAFALK7EA0EE	R	HM		0960T010		+ 02000				0 NS

[illegible]

SUP:	
AMDT:	3
DATED:	07/26/2012

FLIGHT STANDARDS SERVICES - 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.

[illegible]

SUP:	
AMDT:	3
DATED:	07/26/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
PIE		PIE	010		IF		FB					
PIE		SONES	020		TF		FO				AA 02000	
PIE		SONES	030	IAF	HF	L	FO		356.3 ()	T01.0	AA 02000	
SRQ		SRQ	010	IAF	FC		FB		349.9 ()	016.2	AA 02000	
SRQ		RONXI	020		CF		FB		349.9 ()	002.0	AA 02000	
		RONXI	010	FACF	IF		FB				AA 02000	
		SONES	020	FAF	CF		FB		356.0 ()	006.0	AA 02000	
		SAWGA	021	SDF	CF		FB		356.0 ()	004.0	AA 00720	
		RW36R	030	MAP	CF		FO		356.0 ()	002.1	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.3 ()		AA 00600	
	LAFAL	050		CF		FO		276.0 ()	008.0	AA 02000	
	LAFAL	060		HM	R	FO		096.0 ()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	SRQ	N272425.26	W0823349.16	N2724.421	W08233.819
	LAFAL	N275436.05	W0825005.24	N2754.601	W08250.087
	RONXI	N274200.30	W0823908.45	N2742.005	W08239.141
	SAWGA	N275153.27	W0824050.24	N2751.888	W08240.837
	SONES	N274756.78	W0824009.61	N2747.946	W08240.160
	RW36R	N275358.16	W0824111.72	N2753.969	W08241.195
	ICWT (LOC)	N275537.02	W0824128.74	N2755.617	W08241.479

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW36R	00010	55

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 10
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
I-CWT

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 36R, AMDT 3A
3 APRIL 2014

SUP:
AMDT: 3
DATED: 07/26/2012

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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18L CLIMB TO 2600 DIRECT RONXI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 356.33 INBOUND. CHART FAS OBST: 37 ROD ON OL GS 275515N/0824120W CHART 307 TOWER 280000N/0824200W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. CHART VDP AT 0.71 MILES TO RW18L* *LNAV ONLY. WAAS CHANNEL # 50126 REFERENCE PATH ID: W18A LTP HAE: -22.7 M											
PIE VORTAC	DETSE (FO)	355.36 / 11.75	2600												
DONHU (IAF)	DETSE (NOPT) (FB)	173.97 / 4.25	2600												
DETSE (IF/IAF)	SAUND (FB)	176.30 / 5.93	1600												
SAUND (FAF)	WIGUS/1.60 NM TO RW18L (FB)	176.30 / 3.24													
WIGUS/1.60 NM TO RW18L	RW18L (MAP) (FO)	176.30 / 1.60													
RW18L (MAP)	207 MSL	176.30	2600												
207 MSL	RONXI (FO)														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N DETSE, RT, 176.30 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>176.30</u> FAF: <u>SAUND</u> DIST FAF TO MAP: <u>4.84</u> THLD: <u>4.84</u> 4. MIN. ALT: DETSE 2600, SAUND 1600, WIGUS/1.60 NM TO RW18L 560* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1600</u> GS ALT AT: SAUND 1600 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>52.2</u> 34:1 IS CLEAR 8. MSA FROM: RW18L 2700				MAG VAR: 5W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	207	2400	200	207	2400	200	207	2400	200	207	2400	200			
LNAV/VNAV DA	257	2400	250	257	2400	250	257	2400	250	257	2400	250			
LNAV MDA	300	2400	293	300	2400	293	300	2400	293	300	2400	293			
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PIE VORTAC AIRWAY RADIALS 336 CW 067. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 11 THRE: 7		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ST PETERSBURG-CLEARWATER, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 18L, AMDT 1B				AMD: 1A					
		ST PETE-CLEARWATER INTL				3 APRIL 2014				DATED		10/20/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

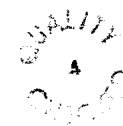
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NOTES, (CONT.):

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE LPV DA TO 231 FEET, LNAV/VNAV DA TO 281, INCREASE ALL MDA 40 FEET AND LNAV CAT C AND D VISIBILITY TO RVR 2600.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV VISIBILITY TO RVR 4000 ALL CATS. WHEN USING TAMPA INTL ALTIMETER SETTING, INCREASE LNAV/VNAV VISIBILITY TO RVR 4500 ALL CATS.



CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 7

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, AMDT 1B

3 APRIL 2014

SUP:

AMDT: 1A

DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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	KPIE
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W18A
REFERENCE PATH IDENTIFIER (APPROACH ID)	275524.2915N
LTP/FTP LATITUDE	0824126.5385W
LTP/FTP LONGITUDE	-00227
LTP/FTP ELLIPSOIDAL HEIGHT	275349.0600N
FPAP LATITUDE	0824110.1500W
FPAP LONGITUDE	00052.2
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0000
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	35.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

A20BFA6C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00020
FPAP ORTHOMETRIC HEIGHT	+00020

CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 7

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18L, AMDT 1B

3 APRIL 2014

SUP:

AMDT: 1A

DATED: 10/20/2011

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPIEK7FR18L	ADONHU	010DONHUK7EA0E	A	IF						18000		A JS	
SUSAP KPIEK7FR18L	ADONHU	020DETSEK7EA0EE	B	010TF		17400043		+ 02600				A JS	
SUSAP KPIEK7FR18L	APIE	010PIE K7D 0V	IF							18000		A JS	
SUSAP KPIEK7FR18L	APIE	020DETSEK7EA0EY		020TF		35540118		+ 02600				A JS	
SUSAP KPIEK7FR18L	APIE	030DETSEK7EA0EE	AR	HF		17630060		+ 02600				A JS	
SUSAP KPIEK7FR18L	R	010DETSEK7EA0E	I	IF				+ 02600		18000		A JS	
SUSAP KPIEK7FR18L	R	020SAUNDK7EA1E	F	051TF		17630059		+ 01600			RW18L K7PGA	JS	
SUSAP KPIEK7FR18L	R	020SAUNDK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KPIEK7FR18L	R	021WIGUSK7EA0E	S	031TF		17630032		V 0056000571		-300		A JS	
SUSAP KPIEK7FR18L	R	030RW18LK7PG0GY	M	031TF		17630016		00059		-300		A JS	
SUSAP KPIEK7FR18L	R	040	Q	M	CA	1763		+ 00207				A JS	
SUSAP KPIEK7FR18L	R	050RONXIK7EA0EY		DF				+ 02600				A JS	
SUSAP KPIEK7FR18L	R	060RONXIK7EA0EE	L	HM		35630040		+ 02600				A JS	

[illegible][illegible]

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11	THRE: 7
AIRPORT NAME:	
ST PETE-CLEARWATER INTL	

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 18L, AMDT 1B
 3 APRIL 2014

SUP:	
AMDT:	1A
DATED:	10/20/2011

FLIGHT STANDARDS SERVICES - FAR PART 97.33

SUSAP KPIEK7PR18L	RW18L001	0000W18A0N2755242915W08241265385-002270300N2753490600W08241101500106750000000522F400350A20BFA6C
SUSAP KPIEK7PR18L	RW18L002E	+00020+00020LEV 50126

[illegible]

SUP:	
AMDT:	1A
DATED:	10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DONHU	DONHU	010	IAF	IF		FB					
	DONHU	DETSE	020		TF		FB	1.0	174.0 (169.0T)	004.3	AA 02600	
	PIE	PIE	010		IF		FB					
	PIE	DETSE	020		TF		FO	2.0	355.4 (350.4T)	011.8	AA 02600	
	PIE	DETSE	030	IAF	HF	R	FO		176.3 (171.3T)	006.0	AA 02600	
		DETSE	010	FACF	IF		FB				AA 02600	
		SAUND	020	FAF	TF		FB	0.5	176.3 (171.3T)	005.9	AA 01600	
		WIGUS	021	SDF	TF		FB	0.3	176.3 (171.3T)	003.2	AA 00560	GS 00571
		RW18L	030	MAP	TF		FO	0.3	176.3 (171.3T)	001.6	AT 00059	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.3 (171.3T)		AA 00207	
	RONXI	050		DF		FO				AA 02600	
	RONXI	060		HM	L	FO		356.3 (351.3T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	DETSE	N280604.85	W0824316.95	N2806.081	W08243.283
	DONHU	N281015.89	W0824412.14	N2810.265	W08244.202
	RONXI	N274200.30	W0823908.45	N2742.005	W08239.141
	SAUND	N280012.14	W0824216.11	N2800.202	W08242.269
	WIGUS	N275659.45	W0824142.92	N2756.991	W08241.715
	RW18L	N275524.29	W0824126.54	N2755.405	W08241.442

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00007	52



CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11	THRE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 18L, AMDT 1B 3 APRIL 2014	SUP:
	AIRPORT NAME: ST PETE-CLEARWATER INTL				AMDT: 1A
					DATED: 10/20/2011

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	LPV: DA LNAV/VNAV: DA LNAV: RW36R CLIMB TO 2600 DIRECT DETSE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.30 INBOUND. CHART FAS OBST: 191 STACK 275224N/0824024W CHART FAS OBST: 140 TOWER 275324N/0824051W DISTANCE TO THLD FROM 200 HAT: 0.45 NM. CHART VDP AT 1.18 MILES TO RW36R* *LNAV ONLY. WAAS CHANNEL # 56226 REFERENCE PATH ID: W36A LTP HAE: -21.6 M											
PIE VORTAC	RONXI (FO)	177.20 / 12.54	2000												
SRQ VORTAC (IAF)	RONXI (NOPT) (FB)	349.93 / 18.16	2000												
RONXI (IF/IAF)	SONES (FB)	356.33 / 5.99	2000												
SONES (FAF)	SAWGA/2.10 NM TO RW36R (FB)	356.32 / 3.98													
SAWGA/2.10 NM TO RW36R	RW36R (MAP) (FO)	356.32 / 2.10													
RW36R (MAP)	210 MSL	356.32	2600												
210 MSL	DETSE (FO)														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S RONXI, LT, 356.33 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>356.32</u> FAF: <u>SONES</u> DIST FAF TO MAP: <u>6.08</u> THLD: <u>6.08</u> 4. MIN. ALT: <u>RONXI 2000, SONES 2000, SAWGA/2.10 NM TO RW36R 720*</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>SONES 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW36R 2700</u>				MAG VAR: 5W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	210	3/4	200	210	3/4	200	210	3/4	200	210	3/4	200			
LNAV/VNAV DA	319	1	309	319	1	309	319	1	309	319	1	309			
LNAV MDA	460	1	450	460	1	450	460	1 3/8	450	460	1 3/8	450			
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 43C (109F). @ 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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 11 THRE: 10		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ST PETERSBURG-CLEARWATER, FL				AIRPORT NAME:				RNAV (GPS) RWY 36R, AMDT 2B				AMDT: 2A			
				ST PETE-CLEARWATER INTL				3 APRIL 2014				DATED 10/20/2011			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

INCREASE LPV DA TO 234 FEET, LNAV/VNAV DA TO 343, INCREASE ALL MDA 40 FEET AND LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILES.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PIE VORTAC AIRWAY RADIALS 087 CW 157 AND ARRIVALS AT SRQ VORTAC ON Q100 SOUTHEAST BOUND.

CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 10

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36R, AMDT 2B

3 APRIL 2014

SUP:

AMDT: 2A

DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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 KPIE
RUNWAY RW36R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 275358.1585N
LTP/FTP LONGITUDE 0824111.7190W
LTP/FTP ELLIPSOIDAL HEIGHT -00216
FPAP LATITUDE 275526.4800N
FPAP LONGITUDE 0824126.9200W
THRESHOLD CROSSING HEIGHT (TCH) 00055.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

2843BA8F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00030
FPAP ORTHOMETRIC HEIGHT +00030

CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 10

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36R, AMDT 2B

3 APRIL 2014

SUP:

AMDT: 2A

DATED: 10/20/2011

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPIEK7FR36R	APIE	010PIE	K7D 0V	IF					18000		A JS	
SUSAP	KPIEK7FR36R	APIE	020RONXIK7EA0EY	020TF			17720125	+ 02000				A JS	
SUSAP	KPIEK7FR36R	APIE	030RONXIK7EA0EE	AL HF			35630040	+ 02000				A JS	
SUSAP	KPIEK7FR36R	ASRQ	010SRQ	K7D 0V A	IF					18000		A JS	
SUSAP	KPIEK7FR36R	ASRQ	020RONXIK7EA0EE	B 010TF			34990182	+ 02000				A JS	
SUSAP	KPIEK7FR36R	R	010RONXIK7EA0E	I IF				+ 02000		18000		A JS	
SUSAP	KPIEK7FR36R	R	020SONESK7EA1E	F 051TF			35630060	+ 02000			RW36R K7PGA	JS	
SUSAP	KPIEK7FR36R	R	020SONESK7EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KPIEK7FR36R	R	021SAWGAK7EA0E	S 031TF			35630040	V 0072000733		-300		A JS	
SUSAP	KPIEK7FR36R	R	030RW36RK7PG0GY	M 031TF			35630021	00065		-300		A JS	
SUSAP	KPIEK7FR36R	R	040	0 M	CA		3563	+ 00210				A JS	
SUSAP	KPIEK7FR36R	R	050DETSEK7EA0EY	DF				+ 02600				A JS	
SUSAP	KPIEK7FR36R	R	060DETSEK7EA0EE	R HM			17630060	+ 02600				A JS	

[illegible][illegible]

SUP:	
AMDT:	2A
DATED:	10/20/2011

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.

SUSAP	KPIEK7PR36R	RW36R002E	+00030+00030LPV	56226

[illegible]

SUP:	
AMDT:	2A
DATED:	10/20/2011

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	PIE	PIE	010		IF		FB					
	PIE	RONXI	020		TF		FO	2.0	177.2 (172.2T)	012.5	AA 02000	
	PIE	RONXI	030	IAF	HF	L	FO		356.3 (351.3T)	004.0	AA 02000	
	SRQ	SRQ	010	IAF	IF		FB					
	SRQ	RONXI	020		TF		FB	1.0	349.9 (344.9T)	018.2	AA 02000	
		RONXI	010	FACF	IF		FB				AA 02000	
		SONES	020	FAF	TF		FB	0.5	356.3 (351.3T)	006.0	AA 02000	
		SAWGA	021	SDF	TF		FB	0.3	356.3 (351.3T)	004.0	AA 00720 GS 00733	
		RW36R	030	MAP	TF		FO	0.3	356.3 (351.3T)	002.1	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.3 (351.3T)		AA 00210	
	DETSE	050		DF		FO				AA 02600	
	DETSE	060		HM	R	FO		176.3 (171.3T)	006.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	SRQ	N272425.26	W0823349.16	N2724.421	W08233.819
	DETSE	N280604.85	W0824316.95	N2806.081	W08243.283
	RONXI	N274200.30	W0823908.45	N2742.005	W08239.141
	SAWGA	N275153.27	W0824050.24	N2751.888	W08240.837
	SONES	N274756.78	W0824009.61	N2747.946	W08240.160
	RW36R	N275358.16	W0824111.72	N2753.969	W08241.195

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00010	55

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 THRE: 10
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 36R, AMDT 2B
3 APRIL 2014

SUP:
AMDT: 2A
DATED: 10/20/2011

US 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										
PIE VORTAC		BDUBB (FO)		001.88 / 11.64	2600										
DARBS (IAF)		BDUBB (NOPT) (FB)		128.07 / 10.74	2600										
BDUBB (IF/IAF)		HOKAX (FB)		171.57 / 6.12	1600										
HOKAX (FAF)		WESAG (MAP) (FO)		198.41 / 4.37											
WESAG (MAP)		411 MSL		198.41											
411 MSL		BDUBB (FO)			2600										
				LNAV: WESAG											
				CLIMBING RIGHT TURN TO 2600 DIRECT BDUBB AND HOLD.											
				ADDITIONAL FLIGHT DATA: FAS OBST: 239 AAO 280019N/0824100W CHART: 307 TOWER 280000N/0824200W FAC CROSSES RW17L THLD											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD N BDUBB, RT, 171.57 INBOUND, 2600 FT. IN LIEU OF PT (IAF)															
3. FAC: 198.41 FAF: HOKAX _____ DIST FAF TO MAP: 4.37 THLD: _____															
4. MIN. ALT: BDUBB 2600, HOKAX 1600															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____															
7. GS ANGLE: _____ TCH: _____															
8. MSA FROM: WESAG 2700															
				MAG VAR: 5W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 40. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PIE VORTAC AIRWAY RADIALS 355 CW 087															
CITY AND STATE ST PETERSBURG-CLEARWATER, FL		ELEVATION: 11 TDZE: AIRPORT NAME: ST PETE-CLEARWATER INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-A, AMDT 2A 3 APRIL 2014				SUP: AMDT: 2 DATED 01/13/2011					

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPIEK7FRNV-A ADARBS	010DARBSK7EA0E	A	IF							18000		B JC	
SUSAP KPIEK7FRNV-A ADARBS	020BDUBBK7EA0EE	B	010TF			12810107	+	02600				B JC	
SUSAP KPIEK7FRNV-A APIE	010PIE K7D 0V		IF							18000		B JC	
SUSAP KPIEK7FRNV-A APIE	020BDUBBK7EA0EY		020TF			00190116	+	02600				B JC	
SUSAP KPIEK7FRNV-A APIE	030BDUBBK7EA0EE	AR	HF			17160040	+	02600				B JC	
SUSAP KPIEK7FRNV-A R	010BDUBBK7EA0E	I	1F				+	02600		18000		B JC	
SUSAP KPIEK7FRNV-A R	020HOKAXK7EA0E	F	051TF			17160061	+	01600			WESAG K7EAB	JC	
SUSAP KPIEK7FRNV-A R	030WESAGK7EA0EY	M	031TF			19840044		00580		000		B JC	
SUSAP KPIEK7FRNV-A R	040		0 M	CA		1984	+	00411				B JC	
SUSAP KPIEK7FRNV-A R	050BDUBBK7EA0EY	R	DF				+	02600				B JC	
SUSAP KPIEK7FRNV-A R	060BDUBBK7EA0EE	R	HM			17160040	+	02600				B JC	

[illegible]

CITY AND STATE ST PETERSBURG-CLEARWATER, FL	ELEVATION: 11 AIRPORT NAME: ST PETE-CLEARWATER INTL	TDZE: RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS)-A, AMDT 2A 3 APRIL 2014	SUP:
					AMDT: 2
					DATED: 01/13/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DARBS	DARBS	010	IAF	IF		FB					
	DARBS	BDUBB	020		TF		FB	1.0	128.1(123.1T)	010.7	AA 02600	
	PIE	PIE	010		IF		FB					
	PIE	BDUBB	020		TF		FO	2.0	001.9(356.9T)	011.6	AA 02600	
	PIE	BDUBB	030	IAF	HF	R	FO		171.6(166.6T)	004.0	AA 02600	
		BDUBB	010	FACF	IF		FB				AA 02600	
		HOKAX	020	FAF	TF		FB	0.5	171.6(166.6T)	006.1	AA 01600	
		WESAG	030	MAP	TF		FO	0.3	198.4(193.4T)	004.4	AT 00580	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		198.4(193.4T)		AA 00411	
		BDUBB	050		DF	R	FO				AA 02600	
		BDUBB	060		HM	R	FO		171.6(166.6T)	004.0	AA 02600	
POINT DATA		WAYPOINT										
		PIE			N275427.95		W0824103.51		N2754.466		W08241.059	
		BDUBB			N280607.07		W0824146.50		N2806.118		W08241.775	
		DARBS			N281159.97		W0825157.11		N2812.000		W08251.952	
		HOKAX			N280008.87		W0824010.15		N2800.148		W08240.169	
		WESAG			N275553.19		W0824118.79		N2755.887		W08241.313	

CITY AND STATE
ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11 TDZE:
AIRPORT NAME:
ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS)-A, AMDT 2A
3 APRIL 2014

SUP:
AMDT: 2
DATED: 01/13/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: PIE VORTAC					
										CLIMBING LEFT TURN TO 1700 DIRECT CAPOK LOM AND HOLD.					
										ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.31 INBOUND. FAS OBST: 219 AAO 275236N/0824445W CHART 649 TOWER 275053N/0824548W. FAC CROSSES RWY C/L EXTENDED 3004 FROM THLD.					
1. PT <u>R</u> SIDE OF COURSE <u>219.09</u> OUTBOUND <u>1700</u> FT WITHIN <u>10</u> MILES OF <u>PIE VORTAC</u> (IAF)															
2.															
3. FAC <u>039.09</u> FAF _____ DIST FAF TO MAP _____ THLD _____															
4. MIN. ALT <u>JULSO/3.50 DME 1000</u>															
8. MSA FROM: <u>PIE VORTAC 2700</u>															
MAG VAR: 5W EPOCH YEAR: 2010															
MINIMUMS															
TAKEOFF: 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-04	1000	1 1/4	989	1000	1 1/2	989	1000	3	989	1000	3	989			
CIRCLING	1000	1 1/4	989	1000	1 1/2	989	1000	3	989	1000	3	989			
JULSO FIX MINIMUMS															
S-04	480	1	469	480	1	469	480	1 3/8	469	480	1 3/8	469			
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: ADF REQUIRED. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.															
CITY AND STATE		ELEVATION: 11 THRE: 11		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
ST PETERSBURG-CLEARWATER, FL		AIRPORT NAME:		PIE		VOR RWY 4, AMDT 1A 3 APRIL 2014				AMDT 1					
		ST PETE-CLEARWATER INTL								DATE 01/13/2011					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 5.80 MILES AFTER BIGOO INT/6.30 DME OR AT UMOVY/0.50 DME FIX CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 1700 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD.						
PIE VORTAC		BIGOO INT/6.30 DME		187.71 / 6.30				2000		ADDITIONAL FLIGHT DATA: HOLD W, RT, 096.00 INBOUND. CHART FAS OBST: 191 STACK 275224N/0824024W CHART 660 TOWER 275202N/0823726W. CHART 372 TOWER 274741N/0824006W. CHART VDP AT 1.67 DME DISTANCE VDP TO THLD 1.18 MILES. BIGOO TO RW36R: 3.15/50. FAC CROSSES RWY C/L EXTENDED 2070 FROM THLD.						
1. PT <u>R</u> SIDE OF COURSE <u>187.71</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>BIGOO</u> (IAF) 2. _____ 3. FAC <u>007.71</u> FAF <u>BIGOO INT/6.30 DME</u> DIST FAF TO MAP <u>5.80</u> THLD <u>5.80</u> 4. MIN. ALT <u>BIGOO 2000, BLOOP INT/2.30 DME 640</u> 8. MSA FROM: <u>PIE VORTAC 2700</u>										MAG VAR: 5W		EPOCH YEAR: 2010				
MINIMUMS																
TAKEOFF: 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-36R	640	1	630	640	1	630	640	1 3/4	630	640	1 3/4	630				
CIRCLING	640	1	629	640	1	629	640	1 3/4	629	640	2	629				
BLOOP INT/DME MINIMUMS																
S-36R	460	1	450	460	1	450	460	1 3/8	450	460	1 3/8	450				
CIRCLING	520	1	509	520	1	509	520	1 1/2	509	580	2	569				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART PLANVIEW NOTE: ADF OR DME REQUIRED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 11		THRE: 10		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP				
ST PETERSBURG-CLEARWATER, FL		AIRPORT NAME:		ST PETE-CLEARWATER INTL		PIE		VOR RWY 36R, AMDT 1B 3 APRIL 2014				AMDT 1A				
												DATE 10/20/2011				



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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

NOTES, (CONT.):

CHART NOTE: VDP NA WITH TAMPA INTL ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY
2
CHECKED

CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 10

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:

PIE

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

VOR RWY 36R, AMDT 1B

3 APRIL 2014

SUP:

AMDT: 1A

DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: FANIG/0.99 DME							
PIE VORTAC		MUBEE/6.00 DME		351.95 / 6.00				2000		CLIMBING RIGHT TURN TO 1700 ON PIE VORTAC R-276 TO LAFAL INT/PIE 8.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 096.00 INBOUND. FAS OBST: 284 AAO 275930N/0824341W CHART 307 TOWER 280000N/0824200W. CHART VDP AT 2.44 DME DISTANCE VDP TO THLD 1.46 MILES. MUBEE TO RW18L: 3.06/68. FAC 500L OF RWY C/L EXTENDED 3000 FROM THLD.							
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N MUBEE, RT, 171.95 INBOUND, 1800 FT. IN LIEU OF PT (IAF) 3. FAC <u>171.95</u> FAF <u>MUBEE/6.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.01</u> 4. MIN. ALT <u>MUBEE/6.00 DME 1700</u> 8. MSA FROM: <u>PIE VORTAC 2700</u>										MAG VAR: 5W				EPOCH YEAR: 2010			
MINIMUMS																	
TAKEOFF: 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-18L	540	2400	533	540	2400	533	540	5500	533	540	5500	533					
CIRCLING	540	1	529	540	1	529	540	1 1/2	529	580	2	569					
NOTES: CHART NOTE: VDP NA WITH TAMPA INTL ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, AND INCREASE S-18L CAT C AND D VISIBILITY TO 1 1/4 MILE AND CIRCLING CAT C TO 1 5/8 MILE. (SEE FORM 8260-10)																	
CITY AND STATE				ELEVATION: 11 THRE: 7				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP	
ST PETERSBURG-CLEARWATER, FL				AIRPORT NAME:				PIE				VOR/DME RWY 18L, AMDT 1B				1A	
				ST PETE-CLEARWATER INTL								3 APRIL 2014				DATE	
																10/20/2011	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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

NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING TAMPA INTL ALTIMETER SETTING, INCREASE S-18L CAT C AND D VISIBILITY TO 1 5/8.



CITY AND STATE

ST PETERSBURG-CLEARWATER, FL

ELEVATION: 11

THRE: 7

AIRPORT NAME:

ST PETE-CLEARWATER INTL

FACILITY
IDENTIFIER:
PIE

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

VOR/DME RWY 18L, AMDT 1B

3 APRIL 2014

SUP:

AMDT: 1A

DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 2.63 MILES AFTER WATBI/PIE 8.40 DME OR AT PPLNT/PIE 5.77 DME FIX CLIMB TO 2600 DIRECT PIE VORTAC THEN RIGHT TURN ON PIE VORTAC R-011 TO WEMIL INT/PIE 14.44 DME AND HOLD. ADDITIONAL FLIGHT DATA: CHART 649 TOWER 280222N/0823920W. CHART CIRCLING ICON CHART PIE R-011 AT PPLNT CHART SRQ R-359 AT WEMIL FLY VISUAL TO AIRPORT NOTE: AT PPLNT TURN RIGHT TRACK 212.47 FOR 3.19 NM TO PIE R-349/3.03 DME THEN TURN LEFT TRACK 168.76 FOR 1.55 NM TO PIE R-349/1.48 DME THEN TURN RIGHT TRACK 176.31 FOR 0.49 NM TO RWY 18L. MAG VAR: 5W EPOCH YEAR:2010							
DARBS INT/PIE 19.97 DME (IAF)		WEMIL INT/PIE 14.44 DME		105.00 / 11.61 (LAL R-285)				2600									
PIE VORTAC		WEMIL INT/PIE 14.44 DME		011.19 / 14.44				2600									
WEMIL INT/PIE 14.44 DME (IF/IAF)		WATBI/PIE 8.40 DME		191.19 / 6.00 (PIE R-011)				2000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N WEMIL, RT, 178.76 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC <u>191.19</u> FAF WATBI/PIE 8.40 DME <u> </u> DIST FAF TO MAP <u>2.63</u> THLD <u> </u> 4. MIN. ALT <u>WEMIL 2600</u> 8. MSA FROM: PIE VORTAC 2700																	
MINIMUMS																	
TAKEOFF: 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		
CIRCLING	1600	6	1589		1600	6	1589		1600	6	1589		1600	6	1589		
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA ALTIMETER SETTING. CHART NOTE: RADAR REQUIRED. CHART NOTE: RWY 18L MUST BE IN SIGHT BY PPLNT.																	
CITY AND STATE		ELEVATION: 11		TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
ST PETERSBURG-CLEARWATER, FL		AIRPORT NAME:		ST PETE-CLEARWATER INTL		PIE		VOR/DME-B, ORIG-A 3 APRIL 2014				AMDT		ORIG			
												DATE		10/17/2013			

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 2000 DIRECT OJEMY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 223.23 INBOUND. CHART FAS OBST: 143 CTRL TWR 273904N/0802510W FAS OBST: 224 AAO 273600N/0802722W DISTANCE TO THLD FROM 273 HATH: 0.73 NM. CHART VDP AT 1.31 MILES TO RW04* *LNAV ONLY. WAAS CHANNEL # 61311 REFERENCE PATH ID: W04A LTP HAE: -20.5 M											
EPLOW (IAF)	JINSO (NOPT) (FB)	133.09 / 5.00	2000												
FFAIR (IAF)	JINSO (NOPT) (FB)	313.16 / 5.00	2000												
JINSO (IF/IAF)	NOLBE (FB)	043.13 / 5.95	1500												
NOLBE (FAF)	RW04 (MAP) (FO)	043.16 / 4.51													
RW04 (MAP)	424 MSL	043.16													
424 MSL	OJEMY (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW JINSO, RT, 043.13 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 043.16 FAF: NOLBE DIST FAF TO MAP: 4.51 THLD: 4.51 4. MIN. ALT: JINSO 2000, NOLBE 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: 1500 GS ALT AT: NOLBE 1500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: 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	296	7/8	273	296	7/8	273	296	7/8	273	296	7/8	273			
LNAV/VNAV DA	354	1 1/8	331	354	1 1/8	331	354	1 1/8	331	354	1 1/8	331			
LNAV MDA	480	1	457	480	1	457	480	1 3/8	457	480	1 3/8	457			
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636			
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE AT FFAIR : MAX 210 KIAS. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 24 THRE: 23		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
VERO BEACH, FL		AIRPORT NAME:		VERO BEACH MUNI		RNAV		RNAV (GPS) RWY 4, AMDT 1A 3 APRIL 2014				AMDT: 1			
												DATED 09/20/2012			

US 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.

NOTES, (CONT.):

CHART PLANVIEW NOTE AT EPLOW : MAX 210 KIAS.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND

INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE,

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

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	313/30 CW 133/30 (NOPT)	313/15 CW 133/15	2600
2.	313/15 CW 133/15	JINSO (IF/IAF) (FB)	2000
3.	133/30 CW 223/30	EPLOW (FB)	2000
4.	223/30 CW 313/30	223/25 CW 313/25	2700
5.	223/25 CW 313/25	FFAIR (IAF) (FB)	2000

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 23

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1A

3 APRIL 2014

SUP:

AMDT:

1

DATED: 09/20/2012

**RNAV 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	KVRB
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W04A
REFERENCE PATH IDENTIFIER (APPROACH ID)	273858.7790N
LTP/FTP LATITUDE	0802535.9730W
LTP/FTP LONGITUDE	-00205
LTP/FTP ELLIPSOIDAL HEIGHT	274010.8900N
FPAP LATITUDE	0802436.7300W
FPAP LONGITUDE	00040.0
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	1232
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	
 <u>CRC REMAINDER</u>	 53CD550D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00071
FPAP ORTHOMETRIC HEIGHT	+00071

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 23

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1A

3 APRIL 2014

SUP:

AMDT: 1

DATED: 09/20/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KVRBK7FR04	AEPLW	010EPLWK7EA0E	A	IF					18000210			A-JS	
SUSAP KVRBK7FR04	AEPLW	020JINSOK7EA0EE	B	010TF		13310050		+ 02000				A JS	
SUSAP KVRBK7FR04	AFFAIR	010FFAIRK7EA0E	A	IF					18000210			A-JS	
SUSAP KVRBK7FR04	AFFAIR	020JINSOK7EA0EE	B	010TF		31320050		+ 02000				A JS	
SUSAP KVRBK7FR04	AJINSO	010JINSOK7EA0EE	AR	HF		04310040		+ 02000		18000		A JS	
SUSAP KVRBK7FR04	R	010JINSOK7EA0E	I	IF				+ 02000		18000		A JS	
SUSAP KVRBK7FR04	R	020NOLBEK7EA1E	F	051TF		04310060		+ 01500				A JS	
SUSAP KVRBK7FR04	R	020NOLBEK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KVRBK7FR04	R	030RW04 K7PG0GY	M	031TF		04320045		00063		-300		A JS	
SUSAP KVRBK7FR04	R	040	O	M	CA	0432		+ 00424				A JS	
SUSAP KVRBK7FR04	R	050OJEMYK7EA0EY		DF				+ 02000				A JS	
SUSAP KVRBK7FR04	R	060OJEMYK7EA0EE	R	HM		22320040		+ 02000				A JS	

[illegible][illegible]

CITY AND STATE VERO BEACH, FL	ELEVATION: 24 THRE: 23 AIRPORT NAME: VERO BEACH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 1A 3 APRIL 2014	SUP:
				AMDT: 1
				DATED: 09/20/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	EPLOW	EPLOW	010	IAF	IF		FB					AB 210
	EPLOW	JINSO	020		TF		FB	1.0	133.1 (126.1T)	005.0	AA 02000	
	FFAIR	FFAIR	010	IAF	IF		FB					AB 210
	FFAIR	JINSO	020		TF		FB	1.0	313.2 (306.2T)	005.0	AA 02000	
	JINSO	JINSO	010	IAF	HF	R	FO		043.1 (036.1T)	004.0	AA 02000	
		JINSO	010	FACF	IF		FB				AA 02000	
		NOLBE	020	FAF	TF		FB	0.5	043.1 (036.1T)	006.0	AA 01500	
		RW04	030	MAP	TF		FO	0.3	043.2 (036.2T)	004.5	AT 00063	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		043.2 (036.2T)		AA 00424	
	OJEMY	050		DF		FO				AA 02000	
	OJEMY	060		HM	R	FO		223.2 (216.2T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPLOW	N273327.92	W0803705.27	N2733.465	W08037.088
	FFAIR	N272733.17	W0802800.25	N2727.553	W08028.004
	JINSO	N273030.62	W0803232.64	N2730.510	W08032.544
	NOLBE	N273519.65	W0802835.82	N2735.328	W08028.597
	OJEMY	N274806.81	W0801805.14	N2748.114	W08018.086
	RW04	N273858.78	W0802535.97	N2738.980	W08025.600

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00023	40

CITY AND STATE
VERO BEACH, FL

ELEVATION: **24** THRE: **23**
 AIRPORT NAME:
VERO BEACH MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 4, AMDT 1A
3 APRIL 2014

SUP:
 AMDT: **1**
 DATED: **09/20/2012**

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW12R											
MRINO (IAF)	HOCKI (NOPT) (FB)	207.54 / 5.00	2000	CLIMB TO 2000 DIRECT PUUMA AND HOLD.											
BLDOG (IAF)	HOCKI (NOPT) (FB)	027.50 / 5.00	2000												
HOCKI (IF/IAF)	MUDDS (FB)	117.52 / 5.97	1500												
MUDDS (FAF)	ZAPES/1.40 NM TO RW12R (FB)	117.57 / 3.11													
ZAPES/1.40 NM TO RW12R	RW12R (MAP) (FO)	117.60 / 1.40		ADDITIONAL FLIGHT DATA: HOLD SE, RT, 297.70 INBOUND. CHART FAS OBST: 116 TREE 273946N/0802525W DISTANCE TO THLD FROM 256 HATH: 0.67 NM. WAAS CHANNEL # 53511 REFERENCE PATH ID: W12A LTP HAE: -20.6 M											
RW12R (MAP)	279 MSL	117.60													
279 MSL	PUUMA (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW HOCKI, RT, 117.52 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>117.57</u> FAF: <u>MUDDS</u> DIST FAF TO MAP: <u>4.51</u> THLD: <u>4.51</u> 4. MIN. ALT: <u>HOCKI 2000, MUDDS 1500, ZAPES/1.40 NM TO RW12R 500*</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>MUDDS 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>42.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>															
				MAG VAR: 7W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: 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	279	3/4	256	279	3/4	256	279	3/4	256	279	3/4	256			
LNAV/VNAV DA	294	7/8	271	294	7/8	271	294	7/8	271	294	7/8	271			
LNAV MDA	380	1	357	380	1	357	380	1	357	380	1	357			
CIRCLING															
	560	1	536	560	1	536	560	1 1/2	536	660	2	636			
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING FORT PIERCE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE VERO BEACH, FL		ELEVATION: 24 THRE: 23 AIRPORT NAME: VERO BEACH MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12R, AMDT 2A 3 APRIL 2014				SUP: RNAV (GPS) RWY 11R AMDT: 2 DATED 09/20/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE AT MRINO : MAX 210 KIAS.

CHART PLANVIEW NOTE AT BLDG : MAX 210 KIAS.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET AND INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	028/30 CW 208/30 (NOPT)	HOCKI (IF/IAF) (FB)	2000
2.	208/30 CW 298/30	208/25 CW 298/25	2700
3.	208/25 CW 298/25	MRINO (IAF) (FB)	2000
4.	298/30 CW 028/30	BLDOG (IAF) (FB)	2000

QUALITY
A
CHECKED

CITY AND STATE
VERO BEACH, FL

ELEVATION: 24 THRE: 23
 AIRPORT NAME:
 VERO BEACH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 12R, AMDT 2A
 3 APRIL 2014

SUP: RNAV (GPS) RWY
11R
 AMDT: 2
 DATED: 09/20/2012

RNAV 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 KVRB
RUNWAY RW12R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W12A
LTP/FTP LATITUDE 273928.3015N
LTP/FTP LONGITUDE 0802543.0270W
LTP/FTP ELLIPSOIDAL HEIGHT -00206
FPAP LATITUDE 273856.8600N
FPAP LONGITUDE 0802409.1100W
THRESHOLD CROSSING HEIGHT (TCH) 00042.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0520
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

B76E775B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00071
FPAP ORTHOMETRIC HEIGHT +00071

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 23

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12R, AMDT 2A

3 APRIL 2014

SUP: RNAV (GPS) RWY
11R

AMDT: 2

DATED: 09/20/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KVRBK7FR12R	ABLD OG	010BLDOGK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR12R	ABLD OG	020HOCKIK7EA0EE	B	010TF		02750050	+	02000			A JS	
SUSAP	KVRBK7FR12R	AHOCKI	010HOCKIK7EA0EE	AR	HF		11750040	+	02000	18000		A JS	
SUSAP	KVRBK7FR12R	AMRINO	010MRINOK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR12R	AMRINO	020HOCKIK7EA0EE	B	010TF		20750050	+	02000			A JS	
SUSAP	KVRBK7FR12R	R	010HOCKIK7EA0E	I	IF			+	02000	18000		A JS	
SUSAP	KVRBK7FR12R	R	020MUDDSK7EA1E	F	051TF		11750060	+	01500			A JS	
SUSAP	KVRBK7FR12R	R	020MUDDSK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KVRBK7FR12R	R	021ZAPESK7EA0E	S	031TF		11760031	V	0050000511		-300	A JS	
SUSAP	KVRBK7FR12R	R	030RW12RK7PG6GY	M	031TF		11760014		00065		-300	A JS	
SUSAP	KVRBK7FR12R	R	040		M	CA	1176	+	00279			A JS	
SUSAP	KVRBK7FR12R	R	050PUUMAK7EA0EY		DF			+	02000			A JS	
SUSAP	KVRBK7FR12R	R	060PUUMAK7EA0EE	R	HM		29770040	+	02000			A JS	

[illegible][illegible]

CITY AND STATE VERO BEACH, FL	ELEVATION: 24	THRE: 23	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 12R, AMDT 2A 3 APRIL 2014	SUP: RNAV (GPS) RWY 11R
	AIRPORT NAME: VERO BEACH MUNI				AMDT: 2
					DATED: 09/20/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BLDOG	BLDOG	010	IAF	IF		FB					AB 210
	BLDOG	HOCKI	020		TF		FB	1.0	027.5 (020.5T)	005.0	AA 02000	
	HOCKI	HOCKI	010	IAF	HF	R	FO		117.5 (110.5T)	004.0	AA 02000	
	MRINO	MRINO	010	IAF	IF		FB					AB 210
	MRINO	HOCKI	020		TF		FB	1.0	207.5 (200.5T)	005.0	AA 02000	
		HOCKI	010	FACF	IF		FB				AA 02000	
		MUDDS	020	FAF	TF		FB	0.5	117.5 (110.5T)	006.0	AA 01500	
		ZAPES	021	SDF	TF		FB	0.3	117.6 (110.6T)	003.1	AA 00500	GS 00511
		RW12R	030	MAP	TF		FO	0.3	117.6 (110.6T)	001.4	AT 00065	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		117.6 (110.6T)		AA 00279	
	PUUMA	050		DF		FO				AA 02000	
	PUUMA	060		HM	R	FO		297.7 (290.7T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLDOG	N273828.06	W0803844.62	N2738.468	W08038.744
	HOCKI	N274309.81	W0803646.21	N2743.164	W08036.770
	MRINO	N274751.53	W0803447.63	N2747.859	W08034.794
	MUDDS	N274103.65	W0803028.09	N2741.061	W08030.468
	PUUMA	N273520.94	W0801326.44	N2735.349	W08013.441
	ZAPES	N273957.94	W0802711.58	N2739.966	W08027.193
	RW12R	N273928.30	W0802543.03	N2739.472	W08025.717

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW12R	00023	42

CITY AND STATE VERO BEACH, FL	ELEVATION: 24	THRE: 23	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 11R
	AIRPORT NAME: VERO BEACH MUNI		RNAV	RNAV (GPS) RWY 12R, AMDT 2A 3 APRIL 2014	AMDT: 2
	DATED: 09/20/2012				

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 2000 DIRECT JINSO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 043.13 INBOUND. CHART FAS OBST: 207 TOWER 274054N/0802444W DISTANCE TO THLD FROM 317 HATH: 0.86 NM. CHART VDP AT 1.44 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 53611 REFERENCE PATH ID: W22A LTP HAE: -21.5 M											
HAMVA (IAF)	OJEMY (NOPT) (FB)	313.27 / 5.00	2000												
IPINE (IAF)	OJEMY (NOPT) (FB)	133.19 / 5.00	2000												
OJEMY (IF/IAF)	TATUW (FB)	223.23 / 5.96	1500												
TATUW (FAF)	RW22 (MAP) (FO)	223.20 / 4.51													
RW22 (MAP)	338 MSL	223.20													
338 MSL	JINSO (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE OJEMY, RT, 223.23 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 223.20 FAF: TATUW DIST FAF TO MAP: 4.51 THLD: 4.51 4. MIN. ALT: OJEMY 2000, TATUW 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: 1500 GS ALT AT: TATUW 1500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: 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	338	1	317	338	1	317	338	1	317	338	1	317			
LNAV/VNAV DA	542	1 3/4	521	542	1 3/4	521	542	1 3/4	521	542	1 3/4	521			
LNAV MDA	520	1	499	520	1	499	520	1 3/8	499	520	1 3/8	499			
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636			
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE AT HAMVA : MAX 210 KIAS. (SEE FORM 8260-10)															
CITY AND STATE VERO BEACH, FL		ELEVATION: 24 THRE: 21 AIRPORT NAME: VERO BEACH MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1A 3 APRIL 2014				SUP: AMDT: 1 DATED 09/20/2012					

**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.

NOTES, (CONT.):

CHART PLANVIEW NOTE AT IPINE : MAX 210 KIAS.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY

1/8 MILE AND LNAV CATS C/D 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	133/30 CW 313/30 (NOPT)	133/13 CW 313/13 (FB)	2700
2.	133/13 CW 313/13	OJEMY (IF/IAF) (FB)	2000
3.	313/30 CW 043/30	HAMVA (IAF) (FB)	2000
4.	043/30 CW 133/30	IPINE (IAF) (FB)	2000

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 21

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 1A

3 APRIL 2014

SUP:

AMDT: 1

DATED: 09/20/2012

**RNAV 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	KVRB
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	273938.5260N
LTP/FTP LONGITUDE	0802503.3155W
LTP/FTP ELLIPSOIDAL HEIGHT	-00215
FPAP LATITUDE	273826.4100N
FPAP LONGITUDE	0802602.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

C9E05B50

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00062
FPAP ORTHOMETRIC HEIGHT	+00062

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 21

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 1A

3 APRIL 2014

SUP:

AMDT:

1

DATED:

09/20/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVRBK7FR22	AHAMVA	010HAMVAK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR22	AHAMVA	0200JEMYK7EA0EE	B	010TF		31330050		+ 02000			A JS	
SUSAP	KVRBK7FR22	AIPINE	010IPINEK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR22	AIPINE	0200JEMYK7EA0EE	B	010TF		13320050		+ 02000			A JS	
SUSAP	KVRBK7FR22	AQJEMY	0100JEMYK7EA0EE	AR	HF		22320040		+ 02000		18000	A JS	
SUSAP	KVRBK7FR22	R	0100JEMYK7EA0E	I	IF				+ 02000		18000	A JS	
SUSAP	KVRBK7FR22	R	020TATUWK7EA1E	F	051TF		22320060		+ 01500			A JS	
SUSAP	KVRBK7FR22	R	020TATUWK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KVRBK7FR22	R	030RW22 K7PG0GY	M	031TF		22320045		00063		-300	A JS	
SUSAP	KVRBK7FR22	R	040	O	M	CA	2232		+ 00338			A JS	
SUSAP	KVRBK7FR22	R	050JINSOK7EA0EY		DF				+ 02000			A JS	
SUSAP	KVRBK7FR22	R	060JINSOK7EA0EE	R	HM		04310040		+ 02000			A JS	

[illegible][illegible]

CITY AND STATE
VERO BEACH, FL

ELEVATION: 24 THRE: 21
AIRPORT NAME: VERO BEACH MUNI

FACILITY
IDENTIFIER:
| RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 22, AMDT 1A
 3 APRIL 2014

SUP:	
AMDT:	1
DATED:	09/20/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HAMVA	HAMVA	010	IAF	IF		FB					AB 210
	HAMVA	OJEMY	020		TF		FB	1.0	313.3 (306.3T)	005.0	AA 02000	
	IPINE	IPINE	010	IAF	IF		FB					AB 210
	IPINE	OJEMY	020		TF		FB	1.0	133.2 (126.2T)	005.0	AA 02000	
	OJEMY	OJEMY	010	IAF	HF	R	FO		223.2 (216.2T)	004.0	AA 02000	
		OJEMY	010	FACF	IF		FB				AA 02000	
		TATUW	020	FAF	TF		FB	0.5	223.2 (216.2T)	006.0	AA 01500	
		RW22	030	MAP	TF		FO	0.3	223.2 (216.2T)	004.5	AT 00063	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		223.2 (216.2T)		AA 00338	
	JINSO	050		DF		FO				AA 02000	
	JINSO	060		HM	R	FO		043.1 (036.1T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HAMVA	N274508.94	W0801332.38	N2745.149	W08013.540
	IPINE	N275104.53	W0802238.15	N2751.076	W08022.636
	JINSO	N273030.62	W0803232.64	N2730.510	W08032.544
	OJEMY	N274806.81	W0801805.14	N2748.114	W08018.086
	TATUW	N274317.72	W0802203.16	N2743.295	W08022.053
	RW22	N273938.53	W0802503.32	N2739.642	W08025.055

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00021	42

CITY AND STATE VERO BEACH, FL	ELEVATION: 24	THRE: 21	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1A 3 APRIL 2014	SUP:
	AIRPORT NAME: VERO BEACH MUNI				AMDT: 1
					DATED: 09/20/2012

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW30L CLIMB TO 2000 DIRECT HOCKI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 117.52 INBOUND. CHART FAS OBST: 225 BLDG-TWR 273800N/0802240W DISTANCE TO THLD FROM 200 HATH: 0.45 NM. CHART VDP AT 1.45 MILES TO RW30L* *LNAV ONLY. WAAS CHANNEL # 69411 REFERENCE PATH ID: W30A LTP HAE: -21.6 M											
SUNDY (IAF)	PUUMA (NOPT) (FB)	027.68 / 5.00	2000												
HULLA (IAF)	PUUMA (NOPT) (FB)	207.73 / 5.00	2000												
PUUMA (IF/IAF)	ZOROE (FB)	297.70 / 5.98	1500												
ZOROE (FAF)	RW30L (MAP) (FO)	297.66 / 4.47													
RW30L (MAP)	220 MSL	297.66													
220 MSL	HOCKI (FO)		2000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE PUUMA, RT, 297.70 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 297.66 FAF: ZOROE DIST FAF TO MAP: 4.47 THLD: 4.47 4. MIN. ALT: PUUMA 2000, ZOROE 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: 1500 GS ALT AT: ZOROE 1500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 58.0 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 7W EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: 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	220	3/4	200	220	3/4	200	220	3/4	200	220	3/4	200			
LNAV/VNAV DA	344	1	324	344	1	324	344	1	324	344	1	324			
LNAV MDA	540	1	520	540	1	520	540	1 3/8	520	540	1 3/8	520			
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636			
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING FORT PIERCE ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 0C (32F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)															
CITY AND STATE VERO BEACH, FL		ELEVATION: 24 THRE: 20 AIRPORT NAME: VERO BEACH MUNI		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30L, AMDT 2A 3 APRIL 2014				SUP: RNAV (GPS) RWY 29L AMDT: 2 DATED 09/20/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PLANVIEW NOTE AT SUNDY : MAX 210 KIAS.

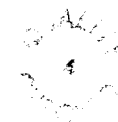
CHART PLANVIEW NOTE AT HULLA : MAX 210 KIAS.

CHART NOTE: VDP NA WHEN USING FORT PIERCE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL DA 23 FEET AND ALL MDA 40 FEET AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE
LNAV CATS C/D AND CIRCLING VISIBILITY CATS C/D 1/4 MILE.

TAA

	FROM	TO	ALT
1.	208/30 CW 028/30 (NOPT)	208/12 CW 028/12	2700
2.	208/12 CW 028/12	PUUMA (IF/IAF) (FB)	2000
3.	028/30 CW 118/30	028/20 CW 118/20	2600
4.	028/20 CW 118/20	SUNDY (IAF) (FB)	2000
5.	118/30 CW 208/30	HULLA (IAF) (FB)	2000



CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 20

AIRPORT NAME:

VERO BEACH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30L, AMDT 2A

3 APRIL 2014

SUP: RNAV (GPS) RWY
29L

AMDT: 2

DATED: 09/20/2012

**RNAV 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	KVRB
RUNWAY	RW30L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	273902.8065N
LTP/FTP LONGITUDE	0802426.9040W
LTP/FTP ELLIPSOIDAL HEIGHT	-00216
FPAP LATITUDE	273934.2500N
FPAP LONGITUDE	0802600.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

71996EF9

ADDITIONAL PATH POINT RECORD INFORMATION

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

CITY AND STATE

VERO BEACH, FL

ELEVATION: 24

THRE: 20

AIRPORT NAME:

VERO BEACH MUNI

 FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 30L, AMDT 2A

3 APRIL 2014

SUP: RNAV (GPS) RWY
29L

AMDT: 2

DATED: 09/20/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HULLA	HULLA	010	IAF	IF		FB					AB 210
	HULLA	PUUMA	020		TF		FB	1.0	207.7(200.7T)	005.0	AA 02000	
	PUUMA	PUUMA	010	IAF	HF	R	FO		297.7(290.7T)	004.0	AA 02000	
	SUNDY	SUNDY	010	IAF	IF		FB					AB 210
	SUNDY	PUUMA	020		TF		FB	1.0	027.7(020.7T)	005.0	AA 02000	
		PUUMA	010	FACF	IF		FB				AA 02000	
		ZOROE	020	FAF	TF		FB	0.5	297.7(290.7T)	006.0	AA 01500	
		RW30L	030	MAP	TF		FO	0.3	297.7(290.7T)	004.5	AT 00078	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		297.7(290.7T)		AA 00220	
	HOCKI	050		DF		FO				AA 02000	
	HOCKI	060		HM	R	FO		117.5(110.5T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HOCKI	N274309.81	W0803646.21	N2743.164	W08036.770
	HULLA	N274002.32	W0801126.95	N2740.039	W08011.449
	PUUMA	N273520.94	W0801326.44	N2735.349	W08013.441
	SUNDY	N273039.51	W0801525.70	N2730.659	W08015.428
	ZOROE	N273728.08	W0801944.53	N2737.468	W08019.742
	RW30L	N273902.81	W0802426.90	N2739.047	W08024.448

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW30L	00020	58

CITY AND STATE VERO BEACH, FL	ELEVATION: 24	THRE: 20	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 30L, AMDT 2A 3 APRIL 2014	SUP: RNAV(GPS) RWY 29L
	AIRPORT NAME: VERO BEACH MUNI				AMDT: 2
					DATED: 09/20/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVRBK7FR30L	AHULLA	010HULLAK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR30L	AHULLA	020PUUMAK7EA0EE	B	010TF		20770050	+	02000			A JS	
SUSAP	KVRBK7FR30L	APUUMA	010PUUMAK7EA0EE	AR	HF		29770040	+	02000	18000		A JS	
SUSAP	KVRBK7FR30L	ASUNDY	010SUNDYK7EA0E	A	IF					18000210		A-JS	
SUSAP	KVRBK7FR30L	ASUNDY	020PUUMAK7EA0EE	B	010TF		02770050	+	02000			A JS	
SUSAP	KVRBK7FR30L	R	010PUUMAK7EA0E	I	IF			+	02000	18000		A JS	
SUSAP	KVRBK7FR30L	R	020ZOROBK7EA1E	F	051TF		29770060	+	01500			A JS	
SUSAP	KVRBK7FR30L	R	020ZOROBK7EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KVRBK7FR30L	R	030RW30LK7PGOGY	M	031TF		29770045		00078	-300		A JS	
SUSAP	KVRBK7FR30L	R	040		M	CA	2977	+	00220			A JS	
SUSAP	KVRBK7FR30L	R	050HOCKIK7EA0EY		DF				02000			A JS	
SUSAP	KVRBK7FR30L	R	060HOCKIK7EA0EE	R	HM		11750040	+	02000			A JS	

[illegible][illegible]

CITY AND STATE VERO BEACH, FL	ELEVATION: 24	THRE: 20	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 30L, AMDT 2A 3 APRIL 2014	SUP: RNAV (GPS) RWY 29L
	AIRPORT NAME: VERO BEACH MUNI				AMDT: 2
					DATED: 09/20/2012

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
VERO BEACH, FL	VERO BEACH MUNI	3 APRIL 2014	ORIG-A

TAKEOFF MINIMUMS:

RWY 04, 12L, 12R, 22, 30L, 30R STANDARD

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 04, MULTIPLE TREES BEGINNING 813 FT FROM DER, 178 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/120 FT MSL. MULTIPLE TREES BEGINNING 3003 FT FROM DER, 93 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/100 FT MSL.

NOTE: RWY 12L, MULTIPLE TREES BEGINNING 171 FT FROM DER, 455 FT RIGHT OF CENTERLINE, UP TO 57 FT AGL/74 FT MSL. MULTIPLE TREES AND LIGHTS BEGINNING 547 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/56 FT MSL. STORAGE TANK 1813 FT FROM DER, 763 FT RIGHT OF CENTERLINE, 45 FT AGL/74 FT MSL.

NOTE: RWY 12R, POLE 709 FT FROM DER, 522 FT LEFT OF CENTERLINE, 28 FT AGL/45 FT MSL. SPIRE 1622 FT FROM DER, 574 FT RIGHT OF CENTERLINE, 44 FT AGL/61 FT MSL.

NOTE: RWY 22, VEHICLES ON ROAD ABEAM DER, 421 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/39 FT MSL. VEHICLES ON ROAD 408 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/39 FT MSL. MULTIPLE TREES BEGINNING 1404 FT FROM DER, 272 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/84 FT MSL. MULTIPLE TREES BEGINNING 1989 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 68 FT AGL/88 FT MSL.

NOTE: RWY 30L, MULTIPLE TREES BEGINNING 1206 FT FROM DER, 46 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/120 FT MSL. MULTIPLE TREES BEGINNING 1575 FT FROM DER, 135 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/81 FT MSL.

NOTE: RWY 30R, MULTIPLE ANTENNAS AND TREES BEGINNING 1656 FT FROM DER, 111 FT RIGHT OF CENTERLINE, UP TO 70 FT AGL/90 FT MSL. MULTIPLE TREES BEGINNING 1782 FT FROM DER, 247 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/85 FT MSL.

CONTROLLING OBSTACLES:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
VERO BEACH, FL	VERO BEACH MUNI	3 APRIL 2014	ORIG-A

REMARKS:

FLIGHT INSPECTED BY:

THOMAS HAUSMANN FIOG

7/31/2007

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

GEORGE H. TRAMMELL AJV-352

1/31/2014

APPROVED BY:

SUE CRUMB AJV-352

COORDINATED WITH:

ALPA, AOPA, NBAA, VRB ATCT, KMA, ARPT MGR

CHANGES:

1. CHANGED RWY 11/29 L/R TO RWY 12/30 L/R.

REASONS:

1. RUNWAY RENUMBERING.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 3.48 MILES AFTER TRV VORTAC OR AT TRV 3.48 DME FIX							
WUBUR/TRV 7.00 DME CW (IAF)		BUEYE INT/TRV 7.00 DME (NOPT)		7.00 DME ARC				1500		CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2000 HEADING 360 AND ON TRV VORTAC R-057 TO ECKOS INT/TRV 10.04 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 237.00 INBOUND. CHART FAS OBST: 133 COMMUNICATION TWR 274013N/0802554W 224 AAO 274020N/0802920W. CHART VDP AT 2.43 DME DISTANCE VDP TO THLD 1.05 MILES. CHART TRV R-167 AT WUBUR. CHART TRV R-350 AT MLBSO. TRV VORTAC TO RW12R: 3.07/42.							
MLBSO/TRV 7.00 DME CCW (IAF)		BUEYE INT/TRV 7.00 DME (NOPT)		7.00 DME ARC				1500									
BUEYE INT/TRV 7.00 DME (IF)		HRBOR INT/TRV 4.00 DME		117.63 / 3.00 (TRV R-298)				1500									
HRBOR INT/TRV 4.00 DME		TRV VORTAC		117.66 / 4.00				1200									
1. PT <u> L </u> SIDE OF COURSE <u> 297.69 </u> OUTBOUND <u> 1600 </u> FT WITHIN <u> 10 </u> MILES OF <u> TRV VORTAC </u> (IAF) 2. _____ 3. FAC <u> 117.69 </u> FAF TRV VORTAC _____ DIST FAF TO MAP <u> 3.48 </u> THLD <u> 3.48 </u> 4. MIN. ALT <u> BUEYE 1500, HRBOR 1500, TRV VORTAC 1200 </u> 8. MSA FROM: <u> TRV VORTAC 1600 </u>														MAG VAR: 7W		EPOCH YEAR: 2015	
MINIMUMS																	
TAKEOFF: 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-12R	400	1	377	400	1	377	400	1	377	400	1	377					
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636					
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.																	
CITY AND STATE VERO BEACH, FL				ELEVATION: 24 THRE: 23 AIRPORT NAME: VERO BEACH MUNI				FACILITY IDENTIFIER: TRV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 12R, AMDT 14B 3 APRIL 2014				SUP VOR RWY 11R AMDT 14 DATE 09/20/2012			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: TRV 4.68 DME FIX							
TRV VORTAC		ZAGGA/10.01 DME		117.66 / 10.01				2000		CLIMBING RIGHT TURN TO 2000 ON HEADING 360 AND TRV VORTAC R-057 TO ECKOS INT/TRV 10.04 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 237.00 INBOUND. CHART FAS OBST: 233 COMM TWR 273732N/0802339W CHART VDP AT 6.01 DME DISTANCE VDP TO THLD 1.33 MILES. CHART TRV R-147 AT RUSOY. ZAGGA TO RW29L: 3.05/58.							
TRV VORTAC		RUSOY/16.01 DME		147.00 / 16.01				2000									
RUSOY/16.01 DME CCW (IAF)		WEMEN/16.01 DME (NOPT)		16.01 DME ARC				2000									
WEMEN/16.01 DME (IF)		ZAGGA/10.01 DME		297.66 / 6.00 (TRV R-118)				1800									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE ZAGGA, RT, 297.66 INBOUND, 1800 FT. IN LIEU OF PT (IAF) 3. FAC 297.66 FAF ZAGGA/10.01 DME _____ DIST FAF TO MAP _____ THLD 5.32 4. MIN. ALT WEMEN 2000, ZAGGA 1800 8. MSA FROM: TRV VORTAC 1600														MAG VAR: 7W		EPOCH YEAR: 2015	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: NA		STANDARD @					
CATEGORY ==>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-30L	500	1	480	500	1	480	500	1 3/8	480	500	1 3/8	480					
CIRCLING	560	1	536	560	1	536	560	1 1/2	536	660	2	636					
NOTES: CHART NOTE: CIRCLING TO RWY 30R NA AT NIGHT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT PIERCE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: VDP NA WITH FORT PIERCE ALTIMETER SETTING.																	
CITY AND STATE VERO BEACH, FL		ELEVATION: 24 THRE: 20 AIRPORT NAME: VERO BEACH MUNI		FACILITY IDENTIFIER: TRV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 30L, AMDT 4A 3 APRIL 2014						SUP VOR/DME RWY 29L					
														AMDT 4			
														DATE 09/20/2012			

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
MOUNT CARMEL, IL	MOUNT CARMEL MUNI	3 APRIL 2014	AMDT 1

TAKEOFF MINIMUMS:

RWY 4, 13 STANDARD.

RWY 22, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 700.

RWY 31, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 700, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1600 FT PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, VEHICLE ON ROAD 409 FT FROM DER, 170 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/404 FT MSL. TREES 3718 FT FROM DER, 130 FT RIGHT OF CENTERLINE, 85 FT AGL/525 FT MSL. **NOTE: RWY 13,** VEHICLE ON ROAD 7 FT FROM DER, 190 FT RIGHT OF CENTERLINE, 15 FT AGL/445 FT MSL. TREES BEGINNING 2438 FT FROM DER, 839 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/542 FT MSL. REIL 41 FT FROM DER, 112 FT LEFT OF CENTERLINE, 1 FT AGL/413 FT MSL. **NOTE: RWY 22,** GROUND BEGINNING 194 FT FROM DER, 262 FT RIGHT OF CENTERLINE, UP TO 459 FT MSL. TREES BEGINNING 535 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/587 FT MSL. TREE 81 FT FROM DER, 146 FT RIGHT OF CENTERLINE, 19 FT AGL/448 FT MSL. ANTENNA ON GRAIN ELEVATOR 4403 FT FROM DER, 378 FT LEFT OF CENTERLINE, 100 FT AGL/606 FT MSL. **NOTE: RWY 31,** POLES BEGINNING 1812 FT FROM DER, 318 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/484 FT MSL. TREES BEGINNING 2886 FT FROM DER, 112 FT LEFT OF CENTERLINE, UP TO 98 FT AGL/527 FT MSL. TREES BEGINNING 3657 FT FROM DER, 217 FT RIGHT OF CENTERLINE, UP TO 91 FT AGL/580 FT MSL.

CONTROLLING OBSTACLES:

RWY 22: 606 FT MSL ANTENNA ON GRAIN ELEVATOR, 383528.84N/0874415.71W

RWY 31: 580 FT MSL TREE. 383721.00N/0874447.41W

REMARKS:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
MOUNT CARMEL, IL	MOUNT CARMEL MUNI	3 APRIL 2014	AMDT 1

FLIGHT INSPECTED BY:

Christopher M. Gottwald

2/10/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

JEROME A MCCULLOUGH

AJV-353

05/10/2013

APPROVED BY:

LARRY STROM

AJV-353

2.18.14

COORDINATED WITH:

ATA, AOPA, MBAA, ZID ARTCC, ARPT MGR.

CHANGES:

1. ADDED CLIMB GRADIENT TO RWY 31, IDENTIFIED THE CONTROLLING OBSTACLE AND PROVIDED AN OPTION FOR STANDARD CLIMB BY ENABLING AIRCRAFT TO DEPART 1600 FT PRIOR TO DER.
2. DECREASED CLIMB GRADIENT ON RWY 22 FROM 340 FT PER NM TO 325 FT PER NM
3. ADDED LOW CLOSE IN OBSTACLE NOTES FOR EACH RUNWAY.

REASONS:

1. NEW SURVEYED OBSTACLE CAUSES CLIMB GRADIENT.
2. OBSTACLE THAT CAUSED THE HIGHER CLIMB GRADIENT IS NOT IN THE ICA
3. LOW CLOSE IN OBSTACLE NOTES REQUIRED BY CRITERIA.



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.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION																			
TERMINAL ROUTES				MISSED APPROACH															
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW01 CLIMB TO 2500 DIRECT OLGEW AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 183.17 INBOUND. FAS OBST: 579 TREE 373029N/0875638W 792 AAO 372801N/0875856W DISTANCE TO THLD FROM 286 HATH: 0.76 NM. WAAS CHANNEL # 49217 REFERENCE PATH ID: W01A CHART CIRCLING ICON LTP HAE: 83.5 M															
ZABUX (IAF)	FITIP (NOPT) (FB)	303.20 / 5.00	2500																
CIVOM (IAF)	FITIP (NOPT) (FB)	063.09 / 5.00	2500																
FITIP (IF/IAF)	LOXFY (FB)	003.15 / 6.05	1700																
LOXFY (FAF)	WAKAK/2.10 NM TO RW01 (FB)	003.16 / 1.93																	
WAKAK/2.10 NM TO RW01	RW01 (MAP) (FO)	003.16 / 2.10																	
RW01 (MAP)	658 MSL	003.16																	
658 MSL	OLGEW (FO)		2500																
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 0E EPOCH YEAR: 1985															
2. HOLD S FITIP, RT, 003.15 INBOUND, 2500 FT. IN LIEU OF PT (IAF)																			
3. FAF: 003.16 FAF: LOXFY DIST FAF TO MAP: 4.03 THLD: 4.03																			
4. MIN. ALT: FITIP 2500, LOXFY 1700, WAKAK/2.10 NM TO RW01 1080*																			
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:																			
6. MIN GS INCPT: 1700 GS ALT AT: LOXFY 1700 OM: MM: IM:																			
7. GS ANGLE: 3.00 TCH: 44.8 34:1 IS NOT CLEAR																			
8. MSA FROM:																			
MINIMUMS																			
TAKEOFF: 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	658	7/8	286	658	7/8	286	658	1	286	658	1	286							
LNAV/VNAV DA	730	1 1/4	358	730	1 1/4	358	730	1 1/4	358	730	1 1/4	358							
LNAV MDA	820	1	448	820	1	448	820	1 3/8	448	820	1 3/8	448							
CIRCLING	860	1	488	1000	1	628	1000	1 3/4	628	1120	2 1/2	748							
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING HENDERSON 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. *LNAV ONLY (SEE FORM 8260-10)																			
CITY AND STATE STURGIS, KY				ELEVATION: 372 THRE: 372 AIRPORT NAME: STURGIS MUNI				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, AMDT 1 3 APRIL 2014				SUP: RNAV (GPS) RWY 36 AMDT: ORIG DATED 06/03/2010			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE HENDERSON ALTIMETER SETTING AND INCREASE LPV DA TO 708 AND VISIBILITY ALL CATS TO 1 1/8 MILES; INCREASE LNAV/VNAV DA TO 780 FT AND VISIBILITY ALL CATS TO 1 3/8 MILES; INCREASE ALL MDAS 60 FT AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: PROCEDURE NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	303/30 CW 063/30 (NOPT)	303/15 CW 063/15	2700
2.	303/15 CW 063/15	FITIP (IF/IAF) (FB)	2500
3.	063/30 CW 183/30	063/15 CW 183/15	2600
4.	063/15 CW 183/15	CIVOM (IAF) (FB)	2500
5.	183/30 CW 303/30	183/15 CW 303/15	2600
6.	183/15 CW 303/15	ZABUX (IAF) (FB)	2500

QUALITY
6
CHECKED

CITY AND STATE
STURGIS, KY

ELEVATION: 372 THRE: 372
AIRPORT NAME:
STURGIS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, AMDT 1
3 APRIL 2014

SUP: RNAV (GPS) RWY 36
AMDT: ORIG
DATED: 06/03/2010

**RNAV 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	KTWT
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	373205.6730N
LTP/FTP LONGITUDE	0875717.3680W
LTP/FTP ELLIPSOIDAL HEIGHT	+00835
FPAP LATITUDE	373334.7430N
FPAP LONGITUDE	0875711.1910W
THRESHOLD CROSSING HEIGHT (TCH)	00044.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

11E0FAEC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01134
FPAP ORTHOMETRIC HEIGHT	+01134

QUALITY
6
CHECKED

CITY AND STATE

STURGIS, KY

ELEVATION: 372

THRE: 372

AIRPORT NAME:

STURGIS MUNI

 FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 1, AMDT 1

3 APRIL 2014

SUP: RNAV (GPS) RWY 36

AMDT: ORIG

DATED: 06/03/2010

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KTWTK5FR01	ACIVOM	010CIVOMK5EA0E	A	IF					18000		A	JS
SUSAP	KTWTK5FR01	ACIVOM	020FITIPK5EA0EE	B	010TF		06310050	+	02500			A	JS
SUSAP	KTWTK5FR01	AFITIP	010FITIPK5EA0EE	AR	HF		00320040	+	02500	18000		A	JS
SUSAP	KTWTK5FR01	AZABUX	010ZABUXK5EA0E	A	IF					18000		A	JS
SUSAP	KTWTK5FR01	AZABUX	020FITIPK5EA0EE	B	010TF		30320050	+	02500			A	JS
SUSAP	KTWTK5FR01	R	010FITIPK5EA0E	I	IF			+	02500	18000		A	JS
SUSAP	KTWTK5FR01	R	020LOXFPYK5EA1E	F	051TF		00320061	+	01700			A	JS
SUSAP	KTWTK5FR01	R	020LOXFPYK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KTWTK5FR01	R	021WAKAKK5EA0E	S	031TF		00320019	V	0108001086		-300	A	JS
SUSAP	KTWTK5FR01	R	030RW01 K5PG0GY	M	031TF		00320021		00417		-300	A	JS
SUSAP	KTWTK5FR01	R	040	0	M	CA	0032	+	00658			A	JS
SUSAP	KTWTK5FR01	R	0500LGEWK5EA0EY		DF			+	02500			A	JS
SUSAP	KTWTK5FR01	R	0600LGEWK5EA0EE	R	HM		18320040	+	02500			A	JS

[illegible][illegible]

QUALITY
6
CHECKED

CITY AND STATE STURGIS, KY	ELEVATION: 372	THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 1, AMDT 1	SUP: RNAV (GPS) RWY 36
	AIRPORT NAME: STURGIS MUNI		RNAV	3 APRIL 2014	AMDT: ORIG
					DATED: 06/03/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CIVOM	CIVOM	010	IAF	IF		FB					
	CIVOM	FITIP	020		TF		FB	1.0	063.1 (063.1T)	005.0	AA 02500	
	FITIP	FITIP	010	IAF	HF	R	FO		003.2 (003.2T)	004.0	AA 02500	
	ZABUX	ZABUX	010	IAF	IF		FB					
	ZABUX	FITIP	020		TF		FB	1.0	303.2 (303.2T)	005.0	AA 02500	
		FITIP	010	FACF	IF		FB				AA 02500	
		LOXFY	020	FAF	TF		FB	0.5	003.2 (003.2T)	006.1	AA 01700	
		WAKAK	021	SDF	TF		FB	0.3	003.2 (003.2T)	001.9	AA 01080	GS 01086
		RW01	030	MAP	TF		FO	0.3	003.2 (003.2T)	002.1	AT 00417	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		003.2 (003.2T)		AA 00658	
	OLGEW	050		DF		FO				AA 02500	
	OLGEW	060		HM	R	FO		183.2 (183.2T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVOM	N371945.27	W0880334.78	N3719.755	W08803.580
	FITIP	N372201.06	W0875759.19	N3722.018	W08757.987
	LOXFY	N372804.25	W0875734.09	N3728.071	W08757.568
	OLGEW	N374301.47	W0875631.81	N3743.025	W08756.530
	WAKAK	N372959.71	W0875726.10	N3729.995	W08757.435
	ZABUX	N371916.69	W0875244.30	N3719.278	W08752.738
	RW01	N373205.67	W0875717.37	N3732.095	W08757.290

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00372	45

QUALITY
6
CHECKED

CITY AND STATE STURGIS, KY	ELEVATION: 372	THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 36
	AIRPORT NAME: STURGIS MUNI		RNAV	RNAV (GPS) RWY 1, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 06/03/2010

US 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	LNAV: RW19											
HETEP (IAF)	OLGEW (NOPT) (FB)	243.23 / 5.00	2500	CLIMB TO 2500 DIRECT FITIP AND HOLD.											
IKELE (IAF)	OLGEW (NOPT) (FB)	123.12 / 5.00	2500												
OLGEW (IF/IAF)	COVOS (FB)	183.17 / 6.61	1700	ADDITIONAL FLIGHT DATA: HOLD S, RT, 003.15 INBOUND. FAS OBST: 688 TREE 373427N/0875723W 699 AAO 373624N/0875815W COVOS TO RW19: 3.50/29.6. CHART CIRCLING ICON											
COVOS (FAF)	RW19 (MAP) (FO)	183.16 / 3.50													
RW19 (MAP)	772 MSL	183.16													
772 MSL	FITIP (FO)		2500												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD N OLGEW, RT, 183.17 INBOUND, 2500 FT. IN LIEU OF PT (IAF)															
3. FAC: 183.16 FAF: COVOS DIST FAF TO MAP: 3.50 THLD: 3.50															
4. MIN. ALT: OLGEW 2500, COVOS 1700															
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: 0E EPOCH YEAR: 1985															
MINIMUMS															
TAKEOFF: 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	940	1	570	940	1	570	940	1 5/8	570	940	1 5/8	570			
CIRCLING	940	1	568	1000	1	628	1000	1 3/4	628	1120	2 1/2	748			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HENDERSON ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE LNAV CATS C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: PROCEDURE NA AT NIGHT.															
CITY AND STATE		ELEVATION: 372 THRE: 370		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP: RNAV (GPS) RWY 18							
STURGIS, KY		AIRPORT NAME: STURGIS MUNI				RNAV (GPS) RWY 19, AMDT 1		AMDT: ORIG							
						3 APRIL 2014		DATED 06/03/2010							

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	123/30 CW 243/30 (NOPT)	OLGEW (IF/IAF) (FB)	2500
2.	243/30 CW 003/30	HETEP (IAF) (FB)	2500
3.	003/30 CW 123/30	003/15 CW 123/15	2600
4.	003/15 CW 123/15	IKELE (IAF) (FB)	2500

QUALITY
6
CHECKED

CITY AND STATE
STURGIS, KY

ELEVATION: 372 THRE: 370
AIRPORT NAME:
STURGIS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19, AMDT 1
3 APRIL 2014

SUP: **RNAV (GPS) RWY 18**
AMDT: **ORIG**
DATED: **06/03/2010**

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTWTK5FR19	AHETEP	010HETEPK5EA0E	A	IF					18000		B	JS
SUSAP	KTWTK5FR19	AHETEP	020OLGEWK5EA0EE	B	010TF		24320050		+ 02500			B	JS
SUSAP	KTWTK5FR19	AIKELE	010IKLEK5EA0E	A	IF					18000		B	JS
SUSAP	KTWTK5FR19	AIKELE	020OLGEWK5EA0EE	B	010TF		12310050		+ 02500			B	JS
SUSAP	KTWTK5FR19	AOLGEW	010OLGEWK5EA0EE	AR	HF		18320040		+ 02500	18000		B	JS
SUSAP	KTWTK5FR19	R	010OLGEWK5EA0E	I	IF				+ 02500	18000		B	JS
SUSAP	KTWTK5FR19	R	020COVOSK5EA1E	F	051TF		18320066		+ 01700			B	JS
SUSAP	KTWTK5FR19	R	020COVOSK5EA2WN			N	ALNAV						JS
SUSAP	KTWTK5FR19	R	030RW19 K5PG0GY	M	031TF		18320035		00400	-350		B	JS
SUSAP	KTWTK5FR19	R	040	0	M	CA	1832		+ 00772			B	JS
SUSAP	KTWTK5FR19	R	050FITIPK5EA0EY		DF				+ 02500			B	JS
SUSAP	KTWTK5FR19	R	060FITIPK5EA0EE	R	HM		00320040		+ 02500			B	JS

[illegible]

QUALITY
6
CHECKED

CITY AND STATE STURGIS, KY	ELEVATION: 372 THRE: 370	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 18
	AIRPORT NAME: STURGIS MUNI	RNAV	RNAV (GPS) RWY 19, AMDT 1	AMDT: ORIG
			3 APRIL 2014	DATED: 06/03/2010

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HETEP	HETEP	010	IAF	IF		FB					
	HETEP	OLGEW	020		TF		FB	1.0	243.2 (243.2T)	005.0	AA 02500	
	IKELE	IKELE	010	IAF	IF		FB					
	IKELE	OLGEW	020		TF		FB	1.0	123.1 (123.1T)	005.0	AA 02500	
	OLGEW	OLGEW	010	IAF	HF	R	FO		183.2 (183.2T)	004.0	AA 02500	
		OLGEW	010	FACF	IF		FB				AA 02500	
		COVOS	020	FAF	TF		FB	0.5	183.2 (183.2T)	006.6	AA 01700	
		RW19	030	MAP	TF		FO	0.3	183.2 (183.2T)	003.5	AT 00400	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		183.2 (183.2T)		AA 00772	
	FITIP	050		DF		FO				AA 02500	
	FITIP	060		HM	R	FO		003.2 (003.2T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COVOS	N373624.91	W0875659.38	N3736.415	W08756.990
	FITIP	N372201.06	W0875759.19	N3722.018	W08757.987
	HETEP	N374516.90	W0875054.25	N3745.282	W08750.904
	IKELE	N374545.68	W0880148.48	N3745.761	W08801.808
	OLGEW	N374301.47	W0875631.81	N3743.025	W08756.530
	RW19	N373255.03	W0875713.95	N3732.917	W08757.233

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	00370	30

QUALITY
6
CHECKED

CITY AND STATE STURGIS, KY	ELEVATION: 372	THRE: 370	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 18
	AIRPORT NAME: STURGIS MUNI		RNAV	RNAV (GPS) RWY 19, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 06/03/2010

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
STURGIS, KY	STURGIS MUNI	3 APRIL 2014	4

TAKEOFF MINIMUMS:

RWY 1: 400 -2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 800.

RWY 19: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1, TREES BEGINNING 2114 FT FROM DER, 514 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/689 FT MSL.

NOTE: RWY 19, TREES BEGINNING 1248 FT FROM DER, 19 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/454 FT MSL. TREES BEGINNING 2144 FT FROM DER, 226 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/509 FT MSL.

CONTROLLING OBSTACLES:

RWY 1: 689 MSL TREE, 373427.00N-0875723.00W, 649 MSL TREE, 373442.07N-0875723.97W.

QUALITY
6
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
STURGIS, KY	STURGIS MUNI	3 APRIL 2014	4

REMARKS:

FLIGHT INSPECTED BY:

Anthony Vallera 1/29/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

SHAWN REDDINGER AJW-352

12/24/2013

APPROVED BY:

SUE CRUMB, MANAGER AJW-352

FEB 19 2014

COORDINATED WITH:

ALPA, AOPA, NBAA, ARPT MGR, EVV ATCT, ZME, ZID ARTCC

CHANGES:

1. RWYs 18/36 CHANGED TO RWYs 1/19.
2. UPDATED LOW CLOSE IN OBSTACLE NOTES.

REASONS:

1. AIRPORT MGR REQUEST, RUNWAY RENUMBERING/REPAINTING PROJECT.
2. TO REFLECT ADDITIONAL ASSUMED TREES.

QUALITY
6
CHECKED

US 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		LP: RW08 LNAV: RW08					
PLN VORTAC		ZIMUX (FB)		298.46 / 9.83				2600		CLIMB TO 2500 DIRECT HUVTI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 262.44 INBOUND. CHART FAS OBST: 829 TREE 455153N/0843840W CHART FAS OBST: 859 TREE 455134N/0843807W NUBKE TO RW08: 3.00/40. WAAS CHANNEL # 63129 REFERENCE PATH ID: W08A CHART CIRCLING ICON CHART APT ELEV 741 LTP HAE: 186.6 M					
PINES		WAKMA (FO)		241.68 / 22.68				2500							
ZIMUX (IAF)		WAKMA (NOPT) (FB)		352.07 / 7.50				2500							
WAKMA (IF/IAF)		NUBKE (FB)		082.04 / 7.20				2400							
NUBKE (FAF)		JUPIB/1.50 NM TO RW08 (FB)		082.16 / 3.62											
JUPIB/1.50 NM TO RW08 (SEE FORM 8260-10)		RW08 (MAP) (FO)		082.16 / 1.50											
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD W WAKMA, RT, 082.04 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: 082.16 FAF: NUBKE DIST FAF TO MAP: 5.12 THLD: 5.12 4. MIN. ALT: WAKMA 2500, NUBKE 2400, JUPIB/1.50 NM TO RW08 1240 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: RW08 2900								MAG VAR: 7W EPOCH YEAR: 2000							
MINIMUMS															
TAKEOFF: 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
LP MDA	1080	1	351	1080	1	351	1080	1	351		NA				
LNAV MDA	1120	1	391	1120	1	391	1120	1 1/8	391		NA				
CIRCLING	1320	1	579	1320	1	579	1320	1 1/2	579		NA				
NOTES:															
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE LP AND LNAV CAT C VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.															
CHART NOTE: DME/DME RNP-0.3 NA.															
(SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 741 THREE: 729		AIRPORT NAME:		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
MACKINAC ISLAND, MI				MACKINAC ISLAND				RNAV (GPS) RWY 8, AMDT 1				AMDT: ORIG			
								3 APRIL 2014				DATED 07/26/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW08 (MAP)	1080 MSL	082.16	
1080 MSL	HUVTI (FO)		2500

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PLN VORTAC AIRWAY RADIALS 219 CW 295.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING RWY 26 NA AT NIGHT.

CHART NOTE: STRAIGHT-IN/CIRCLING RWY 8 PROCEDURE NA AT NIGHT.

CITY AND STATE

MACKINAC ISLAND, MI

ELEVATION: 741

THRE: 729

AIRPORT NAME:

MACKINAC ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 07/26/2012

RNAV 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	KMCD
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	455149.5400N
LTP/FTP LONGITUDE	0843837.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01866
FPAP LATITUDE	455212.2150N
FPAP LONGITUDE	0843634.1535W
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	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

<u>CRC REMAINDER</u>	637E3E2A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02221
FPAP ORTHOMETRIC HEIGHT	+02221

CITY AND STATE

MACKINAC ISLAND, MI

ELEVATION: 741

THRE: 729

AIRPORT NAME:

MACKINAC ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 07/26/2012

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMCDK5FR08	APINES	010PINESK5EA0E	IF						18000		A JS	
SUSAP	KMCDK5FR08	APINES	020WAKMAK5EA0EY	020TF			24170227	+	02500			A JS	
SUSAP	KMCDK5FR08	APINES	030WAKMAK5EA0EE	AR HF			08200040	+	02500			A JS	
SUSAP	KMCDK5FR08	APLN	010PLN K5D 0V	IF						18000		A JS	
SUSAP	KMCDK5FR08	APLN	020ZIMUXK5EA0E	A 020TF			29850098	+	02600			A JS	
SUSAP	KMCDK5FR08	APLN	030WAKMAK5EA0EE	B 010TF			35210075	+	02500			A JS	
SUSAP	KMCDK5FR08	R	010WAKMAK5EA0E	I IF				+	02500	18000		A JS	
SUSAP	KMCDK5FR08	R	020NUBKEK5EA1E	F 051TF			08200072	+	02400		RW08	K5PGA JS	
SUSAP	KMCDK5FR08	R	020NUBKEK5EA2WALP		N	ALNAV						JS	
SUSAP	KMCDK5FR08	R	021JUPIBK5EA0E	S 031TF			08220036	V	0124001246		-300	A JS	
SUSAP	KMCDK5FR08	R	030RW08 K5PG0GY	M 031TF			08220015		00769		-300	A JS	
SUSAP	KMCDK5FR08	R	040	0 M CA			0822	+	01080			A JS	
SUSAP	KMCDK5FR08	R	050HUVTIK5EA0EY	DF				+	02500			A JS	
SUSAP	KMCDK5FR08	R	060HUVTIK5EA0EE	R HM			26240040	+	02500			A JS	

[illegible]

CITY AND STATE MACKINAC ISLAND, MI	ELEVATION: 741	THRE: 729	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 8, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: MACKINAC ISLAND				AMDT: ORIG
					DATED: 07/26/2012

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

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PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMCDK5PR08 RW08 001 0000W08A0N4551495400W08438374600+018660300N4552122150W08436341535106751680000400F400000637E3E2A
SUSAP KMCDK5PR08 RW08 002E +02221+02221LP 63129

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

SUSAP KMCDK5SRW08 K5PG 0 18018002925 M

CITY AND STATE
MACKINAC ISLAND, MI

ELEVATION: 741 THRE: 729
AIRPORT NAME:
MACKINAC ISLAND

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 8, AMDT 1
3 APRIL 2014

SUP:
AMDT: ORIG
DATED: 07/26/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PINES	PINES	010		IF		FB					
	PINES	WAKMA	020		TF		FO	2.0	241.7(234.7T)	022.7	AA 02500	
	PINES	WAKMA	030	IAF	HF	R	FO		082.0(075.0T)	004.0	AA 02500	
	PLN	PLN	010		IF		FB					
	PLN	ZIMUX	020	IAF	TF		FB	2.0	298.5(291.5T)	009.8	AA 02600	
	PLN	WAKMA	030		TF		FB	1.0	352.1(345.1T)	007.5	AA 02500	
		WAKMA	010	FACF	IF		FB				AA 02500	
		NUBKE	020	FAF	TF		FB	0.5	082.0(075.0T)	007.2	AA 02400	
		JUPIB	021	SDF	TF		FB	0.3	082.2(075.2T)	003.6	AA 01240	GS 01246
		RW08	030	MAP	TF		FO	0.3	082.2(075.2T)	001.5	AT 00769	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		082.2(075.2T)		AA 01080	
	HUVTI	050		DF		FO				AA 02500	
	HUVTI	060		HM	R	FO		262.4(255.4T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.33	W0843950.79	N4537.839	W08439.847
	HUVTI	N455450.15	W0842208.89	N4554.836	W08422.148
	JUPIB	N455126.60	W0844041.98	N4551.443	W08440.700
	NUBKE	N455031.04	W0844542.59	N4550.517	W08445.710
	PINES	N460149.61	W0842912.25	N4601.827	W08429.204
	WAKMA	N454839.99	W0845539.37	N4548.667	W08455.656
	ZIMUX	N454125.31	W0845253.65	N4541.422	W08452.894
	RW08	N455149.54	W0843837.46	N4551.826	W08438.624

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00729	40

CITY AND STATE MACKINAC ISLAND, MI	ELEVATION: 741	THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: MACKINAC ISLAND		RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 07/26/2012

US 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.

NOTES, (CONT.):

VISIBILITY 1/4 MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PLN VORTAC ON V78 NORTHWEST BOUND.

CHART NOTE: CIRCLING TO RWY 8 NA AT NIGHT.

CHART NOTE: STRAIGHT-IN/CIRCLING RWY 26 NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CITY AND STATE

MACKINAC ISLAND, MI

ELEVATION: 741

THRE: 741

AIRPORT NAME:

MACKINAC ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 07/26/2012

**RNAV 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	KMCD
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	455158.3400N
LTP/FTP LONGITUDE	0843749.6300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01903
FPAP LATITUDE	455135.6425N
FPAP LONGITUDE	0843952.9195W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.70
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

64F05A7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02259
FPAP ORTHOMETRIC HEIGHT	+02259

CITY AND STATE

MACKINAC ISLAND, MI

ELEVATION: 741

THRE: 741

AIRPORT NAME:

MACKINAC ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1

3 APRIL 2014

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMCDK5FR26	APINES	010PINESK5EA0E	IF						18000		A JS	
SUSAP	KMCDK5FR26	APINES	020HUVTIK5EA0EY	020TF			15180086	+ 02500				A JS	
SUSAP	KMCDK5FR26	APINES	030HUVTIK5EA0EE	AR HF			26240040	+ 02500				A JS	
SUSAP	KMCDK5FR26	APLN	010PLN K5D 0V	IF						18000		A JS	
SUSAP	KMCDK5FR26	APLN	020COSRUK5EA0E	A 020TF			06740169	+ 02600				A JS	
SUSAP	KMCDK5FR26	APLN	030HUVTIK5EA0EE	B 010TF			35250090	+ 02500				A JS	
SUSAP	KMCDK5FR26	R	010HUVTIK5EA0E	I IF				+ 02500		18000		A JS	
SUSAP	KMCDK5FR26	R	020IRBUWK5EA1E	F 051TF			26240072	+ 02400			RW26 K5PGA	JS	
SUSAP	KMCDK5FR26	R	020IRBUWK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KMCDK5FR26	R	030RW26 K5PGOGY	M 031TF			26230041	00781		-370		A JS	
SUSAP	KMCDK5FR26	R	040	0 M CA			2623	+ 01058				A JS	
SUSAP	KMCDK5FR26	R	050WAKMAK5EA0EY	DF				+ 02500				A JS	
SUSAP	KMCDK5FR26	R	060WAKMAK5EA0EE	R HM			08200040	+ 02500				A JS	

[illegible][illegible]

CITY AND STATE MACKINAC ISLAND, MI	ELEVATION: 741 THRE: 741 AIRPORT NAME: MACKINAC ISLAND	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 1 3 APRIL 2014	SUP: 
				AMDT: ORIG
				DATED: 07/26/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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SUSAP KMCDK5PR26	RW26 001 0000W26A0N4551583400W08437496300+019030370N4551356425W08439529195106751680000400F40050064F05A7A
SUSAP KMCDK5PR26	RW26 002E +02259+02259LPV 99529

[illegible]

CITY AND STATE
MACKINAC ISLAND, MI

ELEVATION: 741	THRE: 741
AIRPORT NAME:	MACKINAC ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 26, AMDT 1
3 APRIL 2014

SUP:	
AMDT:	ORIG
DATED:	07/26/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
PINES		PINES	010		IF		FB					
PINES		HUVTI	020		TF		FO	2.0	151.8 (144.8T)	008.6	AA 02500	
PINES		HUVTI	030	IAF	HF	R	FO		262.4 (255.4T)	004.0	AA 02500	
PLN		PLN	010		IF		FB					
PLN		COSRU	020	IAF	TF		FB	2.0	067.4 (060.4T)	016.9	AA 02600	
PLN		HUVTI	030		TF		FB	1.0	352.5 (345.5T)	009.0	AA 02500	
		HUVTI	010	FACF	IF		FB				AA 02500	
		IRBUW	020	FAF	TF		FB	0.5	262.4 (255.4T)	007.2	AA 02400	
		RW26	030	MAP	TF		FO	0.3	262.3 (255.3T)	004.1	AT 00781	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		262.3 (255.3T)		AA 01058	
	WAKMA	050		DF		FO				AA 02500	
	WAKMA	060		HM	R	FO		082.0 (075.0T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.33	W0843950.79	N4537.839	W08439.847
	COSRU	N454607.58	W0841854.96	N4546.126	W08418.916
	HUVTI	N455450.15	W0842208.89	N4554.836	W08422.148
	IRBUW	N455301.12	W0843207.42	N4553.019	W08432.124
	PINES	N460149.61	W0842912.25	N4601.827	W08429.204
	WAKMA	N454839.99	W0845539.37	N4548.667	W08455.656
	RW26	N455158.34	W0843749.63	N4551.972	W08437.827

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00741	40

CITY AND STATE MACKINAC ISLAND, MI	ELEVATION: 741	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: MACKINAC ISLAND			AMDT: ORIG
				DATED: 07/26/2012

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	LPV: DA LNAV/VNAV: DA LNAV: RW10 CLIMB TO 4000 DIRECT ROPTE AND ON TRACK 156.81 TO LADIN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 321.43 INBOUND. CHART FAS OBST: 1551 TOWER 444521N/0854044W DISTANCE TO THLD FROM 344 HATH: 0.94 NM. CHART VDP AT 3.49 MILES TO RW10* *LNAV ONLY. WAAS CHANNEL # 42610 REFERENCE PATH ID: W10A CHART CIRCLING ICON LTP HAE: 155.5 M			
IROTO	CUBKO (FB)	249.94 / 38.78	3000				
BABBE	FEPEX (FB)	338.60 / 29.44	3600				
MBL VOR/DME	FEPEX (FB)	036.35 / 27.08	3000				
CUBKO (IAF)	BEAAR (NOPT) (FB)	178.66 / 9.56	3000				
FEPEX (IAF)	BEAAR (NOPT) (FB)	025.22 / 6.28	3000				
BEAAR (IF/IAF)	PEETR (FB)	098.50 / 6.10	2600				
PEETR (FAF)	RW10 (MAP) (FO)	098.60 / 6.06					
(SEE FORM 8260-10)							

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)			
2. HOLD W BEAAR, RT, 098.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF)			
3. FAC: <u>098.60</u> FAF: <u>PEETR</u>		DIST FAF TO MAP: <u>6.06</u> THLD: <u>6.06</u>	
4. MIN. ALT: BEAAR 3000, PEETR 2600			
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>			
6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>PEETR 2600</u>		OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>45.6</u> 34:1 IS NOT CLEAR			
8. MSA FROM: RW10 3600			

MINIMUMS															
TAKEOFF: 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	968	1 1/8	344	968	1 1/8	344	968	1 1/8	344	968	1 1/8	344			
LNAV/VNAV DA	1983	5	1359	1983	5	1359	1983	5	1359	1983	5	1359			
LNAV MDA	1780	1 1/4	1156	1780	1 1/2	1156	1780	3	1156	1780	3	1156			
CIRCLING	1780	1 1/4	1156	1780	1 1/2	1156	1780	3	1156	1780	3	1156			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING BELLAIRE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (2F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IROTO ON V193-320 NORTHEAST BOUND.
 (SEE FORM 8260-10)

@ CAT A, B 1200-2, CAT C, D 1200-3
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624 THRE: 624 AIRPORT NAME: CHERRY CAPITAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 3 APRIL 2014	SUP: AMDT: ORIG DATED 11/20/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW10 (MAP)	968 MSL	098.60	
968 MSL	ROPTE (FB)		
ROPTE	LADIN (FO)	156.81 / 24.48	4000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BABBE ON V193 SOUTH BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MBL VOR/DME ON V271 SOUTHEAST BOUND AND ON V285 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUBKO ON V133 NORTHWEST BOUND.

CHART NOTE: VDP NA WITH BELLAIRE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BELLAIRE ALTIMETER SETTING AND INCREASE ALL DA 51 FEET AND ALL MDA 60 FEET, INCREASE LPV ALL CATS VISIBILITY 1/4 MILE.

CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

QUALITY
2
CHECKED

CITY AND STATE
TRAVERSE CITY, MI

ELEVATION: 624 THRE: 624
AIRPORT NAME:
CHERRY CAPITAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10, AMDT 1
3 APRIL 2014

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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	KTVG
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	444428.1875N
LTP/FTP LONGITUDE	0853525.5025W
LTP/FTP ELLIPSOIDAL HEIGHT	+01555
FPAP LATITUDE	444422.4200N
FPAP LONGITUDE	0853320.7600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

E6AB1339

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01901
FPAP ORTHOMETRIC HEIGHT	+01901

QUALITY
2
CHECKED

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624 THRE: 624	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: CHERRY CAPITAL			AMDT: ORIG
				DATED: 11/20/2008

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KTVCK5FR10	ABABBE	010BABBEK5EA0E	IF							18000		A JS	
SUSAP KTVCK5FR10	ABABBE	020FEPEXK5EA0E	A 020TF			33860294		+ 03600				A JS	
SUSAP KTVCK5FR10	ABABBE	030BEAARK5EA0EE	B 010TF			02520063		+ 03000				A JS	
SUSAP KTVCK5FR10	ABEAAR	010BEAARK5EA0EE	AR HF			09850040		+ 03000		18000		A JS	
SUSAP KTVCK5FR10	AIROTO	010IROTOK5EA0E	IF							18000		A JS	
SUSAP KTVCK5FR10	AIROTO	020CUBKOK5EA0E	A 020TF			24990388		+ 03000				A JS	
SUSAP KTVCK5FR10	AIROTO	030BEAARK5EA0EE	B 010TF			17870096		+ 03000				A JS	
SUSAP KTVCK5FR10	AMBL	010MBL K5D 0V	IF							18000		A JS	
SUSAP KTVCK5FR10	AMBL	020FEPEXK5EA0E	A 020TF			03640271		+ 03000				A JS	
SUSAP KTVCK5FR10	AMBL	030BEAARK5EA0EE	B 010TF			02520063		+ 03000				A JS	
SUSAP KTVCK5FR10	R	010BEAARK5EA0E	I IF					+ 03000		18000		A JS	
SUSAP KTVCK5FR10	R	020PEETRK5EA1E	F 051TF			09850061		+ 02600			RW10	K5PGA JS	
SUSAP KTVCK5FR10	R	020PEETRK5EA2WALPV		ALNAV/VNAV	ALNAV							JS	
SUSAP KTVCK5FR10	R	030RW10 K5PGOGY M	031TF			09860061		00669		-300		A JS	
SUSAP KTVCK5FR10	R	040	0 M CA			0986		+ 00968				A JS	
SUSAP KTVCK5FR10	R	050ROPTEK5EA0E	DF									A JS	
SUSAP KTVCK5FR10	R	060LADINK5EA0EY	010TF			1568		+ 04000				A JS	
SUSAP KTVCK5FR10	R	070LADINK5EA0EE	R HM			32140040		+ 04000				A JS	

QUALITY
0 2
CHECKED

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624 THRE: 624	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHERRY CAPITAL	RNAV	RNAV (GPS) RWY 10, AMDT 1	AMDT: ORIG
			3 APRIL 2014	DATED: 11/20/2008

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

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

SUSAP KTVCK5GRW10	0069050987	N44442819W	085352550	-0200	+0155500624000046150R								
	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KTVCK5PR10	RW10	001	0000W10A0N4444281875W08535255025	+015550300N4444224200W08533207600106750648000456F400500E6AB1339									
SUSAP KTVCK5PR10	RW10	002E	+01901+01901LPV	42610									
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KTVCK5SRW10	K5PG	0	18018003625										

													M

QUALITY
2
CHECKED

CITY AND STATE
TRAVERSE CITY, MI

ELEVATION: 624 THRE: 624
 AIRPORT NAME:
 CHERRY CAPITAL

FACILITY
IDENTIFIER:

 RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) RWY 10, AMDT 1
 3 APRIL 2014

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

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BABBE	BABBE	010		IF		FB					
	BABBE	FEPEX	020	IAF	TF		FB	2.0	338.6 (333.6T)	029.4	AA 03600	
	BABBE	BEAAR	030		TF		FB	1.0	025.2 (020.2T)	006.3	AA 03000	
	BEAAR	BEAAR	010	IAF	HF	R	FO		098.5 (093.5T)	004.0	AA 03000	
	IROTO	IROTO	010		IF		FB					
	IROTO	CUBKO	020	IAF	TF		FB	2.0	249.9 (244.9T)	038.8	AA 03000	
	IROTO	BEAAR	030		TF		FB	1.0	178.7 (173.7T)	009.6	AA 03000	
	MBL	MBL	010		IF		FB					
	MBL	FEPEX	020	IAF	TF		FB	2.0	036.4 (031.4T)	027.1	AA 03000	
	MBL	BEAAR	030		TF		FB	1.0	025.2 (020.2T)	006.3	AA 03000	
		BEAAR	010	FACF	IF		FB				AA 03000	
		PEETR	020	FAF	TF		FB	0.5	098.5 (093.5T)	006.1	AA 02600	
		RW10	030	MAP	TF		FO	0.3	098.6 (093.6T)	006.1	AT 00669	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		098.6 (093.6T)		AA 00968	
	ROPT	050		DF		FB					
	LADIN	060		TF		FO	1.0	156.8 (151.8T)		AA 04000	
	LADIN	070		HM	R	FO		321.4 (316.4T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MBL	N441614.31	W0861514.56	N4416.239	W08615.243
	BABBE	N441259.55	W0853709.66	N4412.993	W08537.161
	BEAAR	N444514.00	W0855227.21	N4445.233	W08552.454
	CUBKO	N445444.21	W0855356.16	N4454.737	W08553.936
	FEPEX	N443920.38	W0855530.02	N4439.340	W08555.500
	IROTO	N451120.36	W0850430.40	N4511.339	W08504.507
	LADIN	N442225.44	W0850938.61	N4422.424	W08509.644
	PEETR	N444451.35	W0854354.87	N4444.856	W08543.915
	ROPT	N444400.99	W0852545.88	N4444.017	W08525.765
	RW10	N444428.19	W0853525.50	N4444.470	W08535.425

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW10	00624	46

QUALITY
2
CHECKED

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624	THRE: 624	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 10, AMDT 1	AMDT: ORIG
	CHERRY CAPITAL	RNAV	3 APRIL 2014	DATED: 11/20/2008	

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.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				TERMINAL ROUTES								MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE											
TVC VOR/DME		WUKTU (FO)		076.04 / 11.08				3000		LPV: DA LNAV/VNAV: DA LNAV: RW28 CLIMB TO 3000 DIRECT BEAAR AND HOLD.									
WUKTU (IF/IAF)		OTUYO (FB)		278.90 / 5.00				2600											
OTUYO (FAF)		AYATA/2.73 NM TO RW28 (FB)		278.82 / 3.36						ADDITIONAL FLIGHT DATA: HOLD W, RT, 098.50 INBOUND. CHART FAS OBST: 1081 TREE 444341N/0852952W WAAS CHANNEL # 97535 REFERENCE PATH ID: W28A DISTANCE TO THLD FROM 200 HAT: 0.46NM CHART CIRCLING ICON. CHART VDP AT 2.16 MILES TO RW28* * LNAV ONLY. LTP HAE: 150.5 M									
AYATA/2.73 NM TO RW28		RW28 (MAP) (FO)		278.82 / 2.73															
RW28 (MAP)		807 MSL		278.82															
807 MSL		BEAAR (FO)						3000											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E WUKTU, RT, 278.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 278.82 FAF: OTUYO DIST FAF TO MAP: 6.10 THLD: 6.10 4. MIN. ALT: WUKTU 3000, OTUYO 2600, AYATA/2.73 NM TO RW28 1520* 5. DIST TO THLD FROM OM: 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: OTUYO 2600 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS CLEAR 8. MSA FROM: <u> </u>																MAG VAR: 5W		EPOCH YEAR: 1985	
MINIMUMS																			
TAKEOFF: 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 #	807	1/2	200	807	1/2	200	807	1/2	200	807	1/2	200							
LPV DA	954	7/8	347	954	7/8	347	954	7/8	347	954	7/8	347							
LNAV/VNAV DA	1321	2	714	1321	2	714	1321	2	714	1321	2	714							
LNAV MDA	1340	1/2	733	1340	1/2	733	1340	1/2	733	1340	1/2	733							
CIRCLING	1340	1	716	1340	1	716	1500	2 1/2	876	1720	3	1096							
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (2F) OR ABOVE 54C (130F). (SEE FORM 8260-10)																			
CITY AND STATE		ELEVATION: 624 THRE: 607				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:							
TRAVERSE CITY, MI		AIRPORT NAME: CHERRY CAPITAL				RNAV		RNAV (GPS) RWY 28, ORIG				AMDT: NONE							
								3 APRIL 2014				DATED							

US 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.

NOTES, (CONT.):

CHART NOTE: BARO-VNAV AND VDP NA WITH BELLAIRE ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, BELLAIRE ALTIMETER SETTING: INCREASE DA 51 FT AND ALL MDA 60 FT. INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV CAT B VISIBILITY 1/4 MILE AND C/D VISIBILITIES 1/8 MILE AND CIRCLING CAT B/C VISIBILITY 1/4 MILE.

CHART NOTE: #MISSED APPROACH REQUIRES MINIMUM CLIMB OF 237 FEET PER NM TO 2000.

CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE ALL LPV ALL CATS VISIBILITY TO 1 1/4, LNAV CATS C/D VISIBILITY TO 2 MILES.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING BELLAIRE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE, LNAV CATS C/D VISIBILITY TO 2 1/2 MILES.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TVC VOR/DME AIRWAY ON RADIALS 035 CW 153.

TAA

	FROM	TO	ALT
1.	009/30 CW 189/30 (NOPT)	WUKTU (IF/IAF) (FB)	3500
2.	189/30 CW 009/30	WUKTU (IF/IAF) (FO)	3200

QUALITY
CHECKED

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624 THRE: 607	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 3 APRIL 2014	SUP:
	AIRPORT NAME: CHERRY CAPITAL			AMDT: NONE
				DATED:

RNAV 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	KTVK
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	444423.7775N
LTP/FTP LONGITUDE	0853350.0480W
LTP/FTP ELLIPSOIDAL HEIGHT	+01505
FPAP LATITUDE	444429.5400N
FPAP LONGITUDE	0853554.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

<u>CRC REMAINDER</u>	50FDE27B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01850
FPAP ORTHOMETRIC HEIGHT	+01850



CITY AND STATE
TRAVERSE CITY, MI

ELEVATION: 624 THRE: 607
AIRPORT NAME:
CHERRY CAPITAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28, ORIG
3 APRIL 2014

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 KTVCK5FR28	ATVC	010TVC	K5D	0V	IF					18000		A	JS
SUSAP KTVCK5FR28	ATVC	020WUKTUK5EA0EB	020TF			07600111	+	03000				A	JS
SUSAP KTVCK5FR28	AWUKTU	010WUKTUK5EA0EE	AR	HF		27890040	+	03000	18000			A	JS
SUSAP KTVCK5FR28	R	010WUKTUK5EA0E	I	IF			+	03000	18000			A	JS
SUSAP KTVCK5FR28	R	0200TUYOK5EA1E	F	051TF		27890050	+	02600				A	JS
SUSAP KTVCK5FR28	R	0200TUYOK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KTVCK5FR28	R	021AYATAK5EA0E	S	031TF		27880034	V	0152001529		-300		A	JS
SUSAP KTVCK5FR28	R	030RW28	K5PG0GY	M	031TF	27880027		00659		-300		A	JS
SUSAP KTVCK5FR28	R	040	0	M	CA	2788	+	00807				A	JS
SUSAP KTVCK5FR28	R	050BEAARK5EA0EY		DF			+	03000				A	JS
SUSAP KTVCK5FR28	R	060BEAARK5EA0EE	R	HM		09850040	+	03000				A	JS

[illegible][illegible]

CITY AND STATE TRAVERSE CITY, MI	ELEVATION: 624	THRE: 607	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CHERRY CAPITAL			RNAV (GPS) RWY 28, ORIG	AMDT: NONE
		RNAV		3 APRIL 2014	DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
TVC		TVC	010		IF		FB					
TVC		WUKTU	020		TF		FO	2.0	076.0 (071.0T)	011.1	AA 03000	
WUKTU		WUKTU	010	IAP	HF	R	FO		278.9 (273.9T)	004.0	AA 03000	
		WUKTU	010	FACF	IF		FB				AA 03000	
		OTUYO	020	FAF	TF		FB	0.5	278.9 (273.9T)	005.0	AA 02600	
		AYATA	021	SDF	TF		FB	0.3	278.8 (273.8T)	003.4	AA 01520 GS 01529	
		RW28	030	MAP	TF		FO	0.3	278.8 (273.8T)	002.7	AT 00659	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		278.8 (273.8T)		AA 00807	
	BEAAR	050		DF		FO				AA 03000	
	BEAAR	060		HM	R	FO		098.5 (093.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TVC	N444004.49	W0853300.06	N4440.075	W08533.001
	AYATA	N444413.07	W0853000.44	N4444.218	W08530.007
	BEAAR	N444514.00	W0855227.21	N4445.233	W08552.454
	OTUYO	N444359.73	W0852518.09	N4443.996	W08525.302
	WUKTU	N444339.53	W0851818.22	N4443.659	W08518.304
	RW28	N444423.78	W0853350.05	N4444.396	W08533.834

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW28	00607		52

CITY AND STATE
TRAVERSE CITY, MI

ELEVATION: 624 THRE: 607
AIRPORT NAME:
CHERRY CAPITAL

FACILITY
IDENTIFIER:
RNAV

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

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

PAGE 1 OF 4 PAGES

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

AND INCREASE ALL MDA 40 FEET AND INCREASE LNAV CAT C VISIBILITY 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	006/30 CW 186/30 (NOPT)	006/13 CW 186/13	3100
2.	006/13 CW 186/13	CELUB (IF/IAF) (FB)	2700
3.	186/30 CW 006/30	CELUB (IF/IAF) (FO)	2900

CITY AND STATE

TROY, MI

ELEVATION: 727

THRE: 727

AIRPORT NAME:

OAKLAND/TROY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, AMDT 2

3 APRIL 2014

SUP:

AMDT: 1

DATED: 01/10/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KVLLK5FR09	ACELUB	010CELUBK5EA0EE	AR	HF		09560040		+ 02700	18000		B	JS
SUSAP	KVLLK5FR09	R	010CELUBK5EA0E	I	IF				+ 02700	18000		B	JS
SUSAP	KVLLK5FR09	R	020LOFWYK5EA1E	F	051TF		09560068		+ 02300			B	JS
SUSAP	KVLLK5FR09	R	020LOFWYK5EA2WN			N	ALNAV						JS
SUSAP	KVLLK5FR09	R	021ZAVMOK5EA0E	S	031TF		09570029	V	0136001372	-300		B	JS
SUSAP	KVLLK5FR09	R	030RW09 K5PG0GY	M	031TF		09570019		00767	-300		B	JS
SUSAP	KVLLK5FR09	R	040	0	M	CA	0957		+ 01127			B	JS
SUSAP	KVLLK5FR09	R	050CELUBK5EA0EY	L	DF				+ 02700			B	JS
SUSAP	KVLLK5FR09	R	060CELUBK5EA0EE	R	HM		09560040		+ 02700			B	JS

[illegible]

CITY AND STATE TROY, MI	ELEVATION: 727 THRE: 727 AIRPORT NAME: OAKLAND/TROY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 2 3 APRIL 2014	SUP:
				AMDT: 1
				DATED: 01/10/2013

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CELUB	CELUB	010	IAF	HF	R	FO		095.6 (089.6T)	004.0	AA 02700	
		CELUB	010	FACF	IF		FB				AA 02700	
		LOFWY	020	FAF	TF		FB	0.5	095.6 (089.6T)	006.8	AA 02300	
		ZAVMO	021	SDF	TF		FB	0.3	095.7 (089.7T)	002.9	AA 01360 GS 01372	
		RW09	030	MAP	TF		FO	0.3	095.7 (089.7T)	001.9	AT 00767	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		095.7 (089.7T)		AA 01127	
	CELUB	050		DF	L	FO				AA 02700	
	CELUB	060		HM	R	FO		095.6 (089.6T)	004.0	AA 02700	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CELUB	N423230.09	W0832648.38	N4232.502	W08326.806
	LOFWY	N423232.96	W0831734.85	N4232.549	W08317.581
	ZAVMO	N423233.97	W0831338.35	N4232.566	W08313.639
	RW09	N423234.56	W0831104.14	N4232.576	W08311.069

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00727	40

CITY AND STATE TROY, MI	ELEVATION: 727	THRE: 727	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	OAKLAND/TROY	RNAV	RNAV (GPS) RWY 9, AMDT 2	AMDT: 1
				3 APRIL 2014	DATED: 01/10/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YODUC (FAF)	RW10L (MAP) (FO)	097.94 / 3.63	
RW10L (MAP)	1187 MSL	097.94	
1187 MSL	FATAR (FB)		
FATAR	ONARE (FO)	157.56 / 9.12	2900

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRAIL ON V412 WESTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FGT VORTAC AIRWAY RADIALS 258 CW 339, AND GEP VORTAC AIRWAY RADIALS 138 CW 297.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MINNEAPOLIS-ST PAUL INTL/WOLD CHAMBERLAIN ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINNEAPOLIS-ST PAUL INTL/WOLD CHAMBERLAIN ALTIMETER SETTING AND INCREASE ALL DA 34 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV VISIBILITY 1/8 MILE ALL CATS.

QUALITY
1
CHECKED

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 906 THRE: 906
AIRPORT NAME:
FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10L, AMDT 1
3 APRIL 2014

SUP:
AMDT: ORIG
DATED: 01/15/2009

RNAV 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	KFCM
RUNWAY	RW10L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	444946.7940N
LTP/FTP LONGITUDE	0932754.2160W
LTP/FTP ELLIPSOIDAL HEIGHT	+02493
FPAP LATITUDE	444929.7700N
FPAP LONGITUDE	0932551.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00039.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7833FD5B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02761
FPAP ORTHOMETRIC HEIGHT	+02761

CITY AND STATE

MINNEAPOLIS, MN

ELEVATION: 906

THRE: 906

AIRPORT NAME:

FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10L, AMDT 1

3 APRIL 2014

SUP:

AMDT:

ORIG

DATED:

01/15/2009

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFCMK3FR10L	ADRAIL	010DRAILK3EA0E	A	IF					18000		A JS	
SUSAP	KFCMK3FR10L	ADRAIL	020SIGCOK3EA0EE	B	010TF		07430100	+	02800			A JS	
SUSAP	KFCMK3FR10L	AFGT	010FGT	K3D	0V					18000		A JS	
SUSAP	KFCMK3FR10L	AFGT	020KAPKEK3EA0E	A	020TF		28220242	+	02900			A JS	
SUSAP	KFCMK3FR10L	AFGT	030SIGCOK3EA0EE	B	010TF		00780077	+	02800			A JS	
SUSAP	KFCMK3FR10L	AGEP	010GEP	K3D	0V					18000		A JS	
SUSAP	KFCMK3FR10L	AGEP	020WAPALK3EA0E	A	020TF		22440172	+	02900			A JS	
SUSAP	KFCMK3FR10L	AGEP	030SIGCOK3EA0EE	B	010TF		18790055	+	02800			A JS	
SUSAP	KFCMK3FR10L	AMAYER	010MAYERK3EA0E	A	IF					18000		A JS	
SUSAP	KFCMK3FR10L	AMAYER	020SIGCOK3EA0EE	B	010TF		10280124	+	02800			A JS	
SUSAP	KFCMK3FR10L	ASIGCO	010SIGCOK3EA0EE	AL	HF		09780040	+	02800	18000		A JS	
SUSAP	KFCMK3FR10L	R	010SIGCOK3EA0E	I	IF			+	02800	18000		A JS	
SUSAP	KFCMK3FR10L	R	020YODUCK3EA1E	F	051TF		09780064	+	02100		RW10L K3PGA	JS	
SUSAP	KFCMK3FR10L	R	020YODUCK3EA2WALPV			ALNAV/VNAV						JS	
SUSAP	KFCMK3FR10L	R	030RW10LK3PG0GY	M	031TF		09790036		00945	-300		A JS	
SUSAP	KFCMK3FR10L	R	040		M	CA	0979	+	01187			A JS	
SUSAP	KFCMK3FR10L	R	050FATARK3EA0E		DF							A JS	
SUSAP	KFCMK3FR10L	R	060ONAREK3EA0EY		010TF		1576	+	02900			A JS	

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 906	THRE: 906	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 10L, AMDT 1	AMDT: ORIG
	FLYING CLOUD	RNAV	3 APRIL 2014	DATED: 01/15/2009	

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A JS

SUSAP KFCMK3GRW10L 0039000980 N44494679W093275422-0200 +0249300906000039075R

SUSAP KFCMK3PR10L RW10L001 0000W10A0N4449467940W09327542160+024930300N4449297700W09325513300106751560000394F4005007833FD5B
SUSAP KFCMK3PR10L RW10L002E +02761+02761LPV 42510

SUSAP KFCMK3SRW10LK3PG 0 18018003525

M

SUP:	
AMDT:	ORIG
DATED:	01/15/2009

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DRAIL	DRAIL	010	IAF	IF		FB					
	DRAIL	SIGCO	020		TF		FB	1.0	074.3 (077.3T)	010.0	AA 02800	
	FGT	FGT	010		IF		FB					
	FGT	KAPKE	020	IAF	TF		FB	2.0	282.2 (285.2T)	024.2	AA 02900	
	FGT	SIGCO	030		TF		FB	1.0	007.8 (010.8T)	007.7	AA 02800	
	GEP	GEP	010		IF		FB					
	GEP	WAPAL	020	IAF	TF		FB	2.0	224.4 (227.4T)	017.2	AA 02900	
	GEP	SIGCO	030		TF		FB	1.0	187.9 (190.9T)	005.5	AA 02800	
	MAYER	MAYER	010	IAF	IF		FB					
	MAYER	SIGCO	020		TF		FB	1.0	102.8 (105.8T)	012.4	AA 02800	
	SIGCO	SIGCO	010	IAF	HF	L	FO		097.8 (100.8T)	004.0	AA 02800	
		SIGCO	010	FACF	IF		FB				AA 02800	
		YODUC	020	FAF	TF		FB	0.5	097.8 (100.8T)	006.4	AA 02100	
		RW10L	030	MAP	TF		FO	0.3	097.9 (100.9T)	003.6	AT 00945	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		097.9 (100.9T)		AA 01187	
	FATAR	050		DF		FB					
	ONARE	060		TF		FO	1.0	157.6 (160.6T)		AA 02900	
	ONARE	070		HM	R	FO		114.2 (117.2T)	004.0	AA 02900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FGT	N443751.43	W0931055.37	N4437.857	W09310.923
	GEP	N450844.47	W0932223.45	N4508.741	W09322.391
	DRAIL	N444929.16	W0935526.19	N4449.486	W09355.437
	FATAR	N444857.74	W0932200.76	N4448.962	W09322.013
	KAPKE	N444406.69	W0934344.17	N4444.112	W09343.736
	MAYER	N445504.77	W0935829.08	N4455.080	W09358.485
	ONARE	N444021.90	W0931745.71	N4440.365	W09317.762
	SIGCO	N445140.43	W0934142.28	N4451.674	W09341.705
	WAPAL	N445704.50	W0934014.89	N4457.075	W09340.248
	YODUC	N445028.18	W0933254.33	N4450.470	W09332.906
	RW10L	N444946.79	W0932754.22	N4449.780	W09327.904

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW10L	00906		39

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 906	THRE: 906	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 10L, AMDT 1	AMDT: ORIG
	FLYING CLOUD	RNAV	3 APRIL 2014	DATED: 01/15/2009	

US 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 FGT VORTAC (IAF) VEYNY (IF) FATAR (FAF) RW28R (MAP) 1149 MSL	TO VEYNY (FB) FATAR (FB) RW28R (MAP) (FO) 1149 MSL SIGCO (FO)	COURSE AND DISTANCE 332.65 / 10.22 293.07 / 4.10 278.07 / 3.63 278.07	ALTITUDE 2600 2100 2800	LPV: DA LNAV/VNAV: DA LNAV: RW28R CLIMB TO 2800 DIRECT SIGCO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 097.84 INBOUND. CHART FAS OBST: 988 ANTENNA 444918N/0932730W 1139 AAO 444957N/0932133W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 0.95 MILES TO RW28R* *LNAV ONLY. WAAS CHANNEL # 99709 REFERENCE PATH ID: W28A CHART CIRCLING ICON LTP HAE: 247.2 M											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT VEYNY 3. FAC: <u>278.07</u> FAF: <u>FATAR</u> DIST FAF TO MAP: <u>3.63</u> THLD: <u>3.63</u> 4. MIN. ALT: VEYNY 2600, FATAR 2100 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>2100</u> GS ALT AT: <u>FATAR 2100</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: RW28R 3500				MAG VAR: 3E EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF: 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	1149	1	250	1149	1	250		NA			NA				
LNAV/VNAV DA	1149	1	250	1149	1	250		NA			NA				
LNAV MDA	1240	1	341	1240	1	341		NA			NA				
CIRCLING	1300	1	394	1440	1	534		NA			NA				

NOTES:
 CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 906 THRE: 899	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MINNEAPOLIS, MN	AIRPORT NAME:		RNAV (GPS) RWY 28R, AMDT 2A	AMDT: 2
	FLYING CLOUD		3 APRIL 2014	DATED 12/12/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FGT VORTAC AIRWAY RADIALS 258 CW 011.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MINNEAPOLIS-ST PAUL INTL/WOLD CHAMBERLAIN ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINNEAPOLIS-ST PAUL INTL/WOLD CHAMBERLAIN ALTIMETER SETTING AND INCREASE ALL DA 34 FEET AND ALL MDA 40 FEET.

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 906 THRE: 899
AIRPORT NAME:
FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28R, AMDT 2A
3 APRIL 2014

SUP:
AMDT: 2
DATED: 12/12/2013

RNAV 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 KFCM
RUNWAY RW28R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W28A
REFERENCE PATH IDENTIFIER (APPROACH ID) 444939.4360N
LTP/FTP LATITUDE 0932701.0990W
LTP/FTP LONGITUDE +02472
LTP/FTP ELLIPSOIDAL HEIGHT 444956.4400N
FPAP LATITUDE 0932904.0000W
FPAP LONGITUDE 00045.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1560
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

838A2699

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02740
FPAP ORTHOMETRIC HEIGHT +02740

CITY AND STATE

MINNEAPOLIS, MN

ELEVATION: 906

THRE: 899

AIRPORT NAME:

FLYING CLOUD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28R, AMDT 2A

3 APRIL 2014

SUP:

AMDT:

2

DATED:

12/12/2013

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFCMK3FR28R	AFATAR	010FGT	K3D	0V	A	IF			18000		A	JS
SUSAP	KFCMK3FR28R	AFATAR	020VEYNYK3EA0EE	B	010TF		33270102	+	02600			A	JS
SUSAP	KFCMK3FR28R	R	010VEYNYK3EA0E	I	IF			+	02600	18000		A	JS
SUSAP	KFCMK3FR28R	R	020FATARK3EA1E	F	051TF		29310041	+	02100		RW28R	K3PGA	JS
SUSAP	KFCMK3FR28R	R	020FATARK3EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KFCMK3FR28R	R	030RW28RK3PG0GY	M	031TF		27810036		00944	-300		A	JS
SUSAP	KFCMK3FR28R	R	040		0	M	CA	2781	+	01149		A	JS
SUSAP	KFCMK3FR28R	R	050SIGCOK3EA0EY		DF				+	02800		A	JS
SUSAP	KFCMK3FR28R	R	060SIGCOK3EA0EE	L	HM		09780040	+	02800			A	JS

[illegible][illegible][illegible]

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 906	THRE: 899	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 28R, AMDT 2A	AMDT: 2
	FLYING CLOUD	RNAV	3 APRIL 2014	DATED: 12/12/2013	

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

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SUSAP KFCMK3SRW28RK3PG

0 18018003525

M

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: **906** **THRE: 899**
AIRPORT NAME:
FLYING CLOUD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 28R, AMDT 2A

3 APRIL 2014

SUP:

AMDT: **2**

DATED: **12/12/2013**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
FATAR		FGT	010	IAF	IF		FB					
FATAR		VEYNY	020		TF		FB	1.0	332.7(335.7T)	010.2	AA 02600	
		VEYNY	010	FACF	IF		FB				AA 02600	
		FATAR	020	FAF	TF		FB	0.5	293.1(296.1T)	004.1	AA 02100	
		RW28R	030	MAP	TF		FO	0.3	278.1(281.1T)	003.6	AT 00944	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		278.1(281.1T)		AA 01149	
	SIGCO	050		DF		FO				AA 02800	
	SIGCO	060		HM	L	FO		097.8(100.8T)	004.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FGT	N443751.43	W0931055.37	N4437.857	W09310.923
	FATAR	N444857.74	W0932200.76	N4448.962	W09322.013
	SIGCO	N445140.43	W0934142.28	N4451.674	W09341.705
	VEYNY	N444709.75	W0931650.33	N4447.163	W09316.839
	RW28R	N444939.44	W0932701.10	N4449.657	W09327.018

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28R	00899	45

CITY AND STATE
MINNEAPOLIS, MN

ELEVATION: 906
THRE: 899
AIRPORT NAME:
FLYING CLOUD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 28R, AMDT 2A

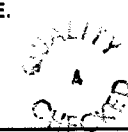
3 APRIL 2014

SUP:	
AMDT:	2
DATED:	12/12/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: GLY NDB						
AUGIE INT		GLY NDB		018.85 / 7.13				2900		CLIMB TO 2300 THEN CLIMBING RIGHT TURN TO 2900 DIRECT GLY NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 037.27 INBOUND. FAS OBST: 1089 AAO 381209N/0934544W CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.						
1. PT <u> L </u> SIDE OF COURSE <u> 217.27 </u> OUTBOUND <u> 2900 </u> FT WITHIN <u> 10 </u> MILES OF <u> GLY NDB </u> (IAF) 2. _____ 3. FAC <u> 037.27 </u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u> GLY NDB 2900 </u>										MAG VAR: 1E				EPOCH YEAR: 2015		
MINIMUMS																
TAKEOFF: 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-04	1440	1	621	1440	1	621	1440	1 3/4	621		NA					
CIRCLING	1440	1	617	1440	1	617	1440	1 3/4	617		NA					
NOTES: CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL MDA 80FT AND S-4 AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: RWY 4 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.																
CITY AND STATE CLINTON, MO				ELEVATION: 823 THRE: 819 AIRPORT NAME: CLINTON RGNL		FACILITY IDENTIFIER: GLY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 4, AMDT 8 3 APRIL 2014				SUP AMDT 7 DATE 06/27/2013				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: GLY NDB							
AUGIE INT		GLY NDB		018.85 / 7.13				2900		CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2900 DIRECT GLY NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 231.91 INBOUND. FAS OBST: 1109 AAO 382450N/0933602W CHART CIRCLING ICON. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.							
1. PT <u> R </u> SIDE OF COURSE <u> 051.91 </u> OUTBOUND <u> 2900 </u> FT WITHIN <u> 10 </u> MILES OF <u> GLY NDB </u> (IAF) 2. _____ 3. FAC <u> 231.91 </u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u> GLY NDB 2900 </u>														MAG VAR: 1E		EPOCH YEAR: 2015	
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		☒ X					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-22	1460	1	637	1460	1	637	1460	1 3/4	637		NA						
CIRCLING	1460	1	637	1460	1	637	1460	1 3/4	637		NA						
NOTES: CHART NOTE: CIRCLING TO RWY 4 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL MDA 80FT AND S-22 AND CIRCLING CAT C VISIBILITY 1/4 MILE.																	
CITY AND STATE CLINTON, MO				ELEVATION: 823 THRE: 823 AIRPORT NAME: CLINTON RGNL				FACILITY IDENTIFIER: GLY		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 22, AMDT 9 3 APRIL 2014						SUP AMDT 8 DATE 06/27/2013	

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		LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 3000 DIRECT ICEBA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 224.05 INBOUND. CHART FAS OBST: 929 TREE 382047N/0934122W DISTANCE TO THLD FROM 300 HATH: 0.63 NM. WAAS CHANNEL # 87032 REFERENCE PATH ID: W04A CHART CIRCLING ICON. LTP HAE: 217.4 M						
SOGOY (IF/IAF)		JUXAG (FB)		043.84 / 6.66				2500								
JUXAG (FAF)		JORUS/1.10 NM TO RW04 (FB)		043.90 / 3.14												
JORUS/1.10 NM TO RW04		RW04 (MAP) (FO)		043.90 / 1.10												
RW04 (MAP)		1119 MSL		043.90												
1119 MSL		ICEBA (FO)						3000								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW SOGOY, RT, 043.84 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>043.90</u> FAF: <u>JUXAG</u> DIST FAF TO MAP: <u>4.24</u> THLD: <u>4.24</u> 4. MIN. ALT: <u>SOGOY 3000, JUXAG 2500, JORUS/1.10 NM TO RW04 1280*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>JUXAG 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.60</u> TCH: <u>58.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>										MAG VAR: 1E EPOCH YEAR: 2015						
MINIMUMS																
TAKEOFF: 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	1119	1	300	1119	1	300	1119	1	300		NA					
LNAV/VNAV DA	1204	1 1/8	385	1204	1 1/8	385	1204	1 1/8	385		NA					
LNAV MDA	1180	1	361	1180	1	361	1180	1	361		NA					
CIRCLING	1280	1	457	1280	1	457	1340	1 1/2	517		NA					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY CHART NOTE: RWY 4 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. (SEE FORM 8260-10)																
CITY AND STATE		ELEVATION: 823 THRE: 819		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:						
CLINTON, MO		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 4, AMDT 1				AMDT: ORIG						
		CLINTON RGNL				3 APRIL 2014				DATED 06/27/2013						



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 45C (113F).

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL DA 61FT AND ALL MDA 80FT; INCREASE LNAV-VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	314/30 CW 134/30 (NOPT)	SOGOY (IF/IAF) (FB)	3000
2.	134/30 CW 314/30	SOGOY (IF/IAF) (FO)	3000



CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 819

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 06/27/2013

**RNAV 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	KGLY
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	382109.6550N
LTP/FTP LONGITUDE	0934120.7765W
LTP/FTP ELLIPSOIDAL HEIGHT	+02174
FPAP LATITUDE	382212.7900N
FPAP LONGITUDE	0934000.7500W
THRESHOLD CROSSING HEIGHT (TCH)	00058.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

A5193B80

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02497
FPAP ORTHOMETRIC HEIGHT	+02497

CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 819

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 06/27/2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KGLYK3FR04	ASOGOY	010SOG	GOYK3EA0EE	AR	HF		04380040	+	03000	18000		A	JS
SUSAP KGLYK3FR04	R	010SOG	GOYK3EA0E	I	IF			+	03000	18000		A	JS
SUSAP KGLYK3FR04	R	020JUX	AGK3EA1E	F	051TF		04380067	+	02500			A	JS
SUSAP KGLYK3FR04	R	020JUX	AGK3EA2WALPV			ALNAV/VNAV							JS
SUSAP KGLYK3FR04	R	021JOR	USK3EA0E	S	031TF		04390031	V	0128001298		-360	A	JS
SUSAP KGLYK3FR04	R	030RW04	K3PGOGY	M	031TF		04390011		00877		-360	A	JS
SUSAP KGLYK3FR04	R	040		C	M	CA	0439	+	01119			A	JS
SUSAP KGLYK3FR04	R	050ICE	BAK3EA0EY		DF			+	03000			A	JS
SUSAP KGLYK3FR04	R	060ICE	BAK3EA0EE	R	HM		22410040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE CLINTON, MO	ELEVATION: 823 THRE: 819	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: CLINTON RGNL	RNAV	RNAV (GPS) RWY 4, AMDT 1	AMDT: ORIG
			3 APRIL 2014	DATED: 06/27/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	SOGOY	SOGOY	010	IAF	HF	R	FO		043.8(044.8T)	004.0	AA 03000	
		SOGOY	010	FACF	IF		FB				AA 03000	
		JUXAG	020	PAF	TF		FB	0.5	043.8(044.8T)	006.7	AA 02500	
		JORUS	021	SDF	TF		FB	0.3	043.9(044.9T)	003.1	AA 01280	GS 01298
		RW04	030	MAP	TF		FO	0.3	043.9(044.9T)	001.1	AT 00877	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		043.9(044.9T)		AA 01119	
	ICEBA	050		DF		FO				AA 03000	
	ICEBA	060		HM	R	FO		224.1(225.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ICEBA	N382926.42	W0933049.39	N3829.440	W09330.823
	JORUS	N382022.89	W0934220.04	N3820.382	W09342.334
	JUXAG	N381809.14	W0934509.31	N3818.152	W09345.155
	SOGOY	N381325.83	W0935107.01	N3813.431	W09351.117
	RW04	N382109.66	W0934120.78	N3821.161	W09341.346

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00819	58

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 819	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 4, AMDT 1	AMDT: ORIG
	CLINTON RGNL	RNAV	3 APRIL 2014	DATED: 06/27/2013	

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.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				TERMINAL ROUTES								MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE											
ZULEM (IF/IAF)		CUKVI (FB)		180.81 / 6.09				2500		LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 3000 DIRECT YIKUY AND HOLD.									
CUKVI (FAF)		IPIWO/1.70 NM TO RW18 (FB)		180.81 / 3.47															
IPIWO/1.70 NM TO RW18		RW18 (MAP) (FO)		180.81 / 1.70						ADDITIONAL FLIGHT DATA: HOLD S, RT, 000.80 INBOUND. CHART FAS OBST: 939 TREE 382257N/0934109W CHART CIRCLING ICON DISTANCE TO THLD FROM 250 HAT: 0.64 NM. WAAS CHANNEL # 65637 REFERENCE PATH ID: W18A LTP HAE: 214.5 M									
RW18 (MAP)		1060 MSL		180.81															
1060 MSL		YIKUY (FO)						3000											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N ZULEM, RT, 180.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 180.81 FAF: CUKVI DIST FAF TO MAP: 5.17 THLD: 5.17 4. MIN. ALT: ZULEM 3000, CUKVI 2500, IPIWO/1.70 NM TO RW18 1380* 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: 2500 GS ALT AT: CUKVI 2500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>																MAG VAR: 1E		EPOCH YEAR: 2015	
MINIMUMS																			
TAKEOFF: 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	1060	1	250	1060	1	250	1060	1	250	1060	1	250							
LNAV/VNAV DA	1060	1	250	1060	1	250	1060	1	250	1060	1	250							
LNAV MDA	1200	1	390	1200	1	390	1200	1	390	1200	1	390							
CIRCLING	1280	1	457	1280	1	457	1340	1 1/2	517	1480	2	657							
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WHITEMAN AFB ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)																			
CITY AND STATE CLINTON, MO		ELEVATION: 823 THRE: 810 AIRPORT NAME: CLINTON RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG 3 APRIL 2014				SUP:									
										AMDT: NONE									
										DATED									

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: RWY 18 STRAIGHT-IN AND CIRCLING AND CIRCLING TO RWY 4 NA AT NIGHT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: VDP NA WITH WHITEMAN AFB ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET, VISIBILITY LNAV CAT C/D 3/8 MILE, CIRCLING CAT D 1/4 MILE.

TAA

	FROM	TO	ALT
1.	090/30 CW 270/30 (NOPT)	090/16 CW 270/16	3100
	090/16 CW 270/16	ZULEM (IF/AF) (FB)	3000
2.	270/30 CW 090/30	ZULEM (IF/AF) (FO)	3000

CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 810

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

RNAV 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	KGLY
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	382136.2325N
LTP/FTP LONGITUDE	0934029.7080W
LTP/FTP ELLIPSOIDAL HEIGHT	+02145
FPAP LATITUDE	382007.0800N
FPAP LONGITUDE	0934033.2900W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	32861B5D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02468
FPAP ORTHOMETRIC HEIGHT	+02468

CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 810

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

3 APRIL 2014

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 KGLYK3FR18	AZULEM	010ZULEMK3EA0EE	AR	HF		18080040	+	03000	18000			A	JS
SUSAP KGLYK3FR18	R	010ZULEMK3EA0E	I	IF			+	03000	18000			A	JS
SUSAP KGLYK3FR18	R	020CUKVIK3EA1E	F	010TF		18080061	+	02500				A	JS
SUSAP KGLYK3FR18	R	020CUKVIK3EA2WALPV			ALNAV/VNAV ALNAV								JS
SUSAP KGLYK3FR18	R	021PIWOK3EA0E	S	031TF		18080035	V	0138001396		-300		A	JS
SUSAP KGLYK3FR18	R	030RW18	K3PGOGY	M	031TF	18080017		00855		-300		A	JS
SUSAP KGLYK3FR18	R	040		M	CA	1808	+	01060				A	JS
SUSAP KGLYK3FR18	R	050YIKUYK3EA0EY		DF			+	03000				A	JS
SUSAP KGLYK3FR18	R	060YIKUYK3EA0EE	R	HM		00080040	+	03000				A	JS

[illegible][illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZULEM	ZULEM	010	IAF	HF	R	FO		180.8(181.8T)	004.0	AA 03000	
		ZULEM	010	FACF	IF		FB				AA 03000	
		CUKVI	020	FAF	TF		FB	1.0	180.8(181.8T)	006.1	AA 02500	
		IPIWO	021	SDF	TF		FB	0.3	180.8(181.8T)	003.5	AA 01380	GS 01396
		RW18	030	MAP	TF		FO	0.3	180.8(181.8T)	001.7	AT 00855	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		180.8(181.8T)		AA 01060	
	YIKUY	050		DF		FO				AA 03000	
	YIKUY	060		HM	R	FO		000.8(001.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUKVI	N382646.37	W0934017.25	N3826.773	W09340.288
	IPIWO	N382318.29	W0934025.61	N3823.305	W09340.427
	YIKUY	N380930.84	W0934058.74	N3809.514	W09340.979
	ZULEM	N383252.19	W0934002.51	N3832.870	W09340.042
	RW18	N382136.23	W0934029.71	N3821.604	W09340.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00810	45

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 810	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 18, ORIG	AMDT: NONE
	CLINTON RGNL	RNAV		3 APRIL 2014	DATED:

US 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.

NOTES, (CONT.):

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL DA 61 FT AND ALL MDA 80 FT. INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WITH WHITEMAN AFB ALTIMETER SETTING.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	134/30 CW 314/30 (NOPT)	134/22 CW 314/22	3900
2.	134/22 CW 314/22	ICEBA (IF/IAF) (FB)	3000
3.	314/30 CW 134/30	ICEBA (IF/IAF) (FO)	3000

CITY AND STATE
CLINTON, MO

ELEVATION: 823 THRE: 823
AIRPORT NAME:
CLINTON RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, AMDT 1
3 APRIL 2014

SUP:
AMDT: ORIG
DATED: 06/27/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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	KGLY
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	382137.6520N
LTP/FTP LONGITUDE	0934045.2975W
LTP/FTP ELLIPSOIDAL HEIGHT	+02184
FPAP LATITUDE	382034.5200N
FPAP LONGITUDE	0934205.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	43F2CC8A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02507
FPAP ORTHOMETRIC HEIGHT	+02507

CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 823

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 06/27/2013

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KGLYK3FR22	AICEBA	010ICEBAK3EA0EE	AR	HF			22410040	+	03000	18000		A	JS
SUSAP KGLYK3FR22	R	010ICEBAK3EA0E	I	IF				+	03000	18000		A	JS
SUSAP KGLYK3FR22	R	020YESUBK3EA1E	F	051TF			22410067	+	02500			A	JS
SUSAP KGLYK3FR22	R	020YESUBK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KGLYK3FR22	R	021K0BGEK3EA0E	S	031TF			22400031	V	0134001357	-350		A	JS
SUSAP KGLYK3FR22	R	030RW22 K3PG0GY	M	031TF			22400013		00874	-350		A	JS
SUSAP KGLYK3FR22	R	040	0	M	CA		2240	+	01115			A	JS
SUSAP KGLYK3FR22	R	050SOG0YK3EA0EY		DF				+	03000			A	JS
SUSAP KGLYK3FR22	R	060SOG0YK3EA0EE	R	HM			04380040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 823	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1	SUP:	
	AIRPORT NAME: CLINTON RGNL				AMDT:	ORIG
					DATED:	06/27/2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ICEBA	ICEBA	010	IAF	HF	R	FO		224.1(225.1T)	004.0	AA 03000	
		ICEBA	010	FACF	IF		FB				AA 03000	
		YESUB	020	FAF	TF		FB	0.5	224.1(225.1T)	006.7	AA 02500	
		KOBGE	021	SDF	TF		FB	0.3	224.0(225.0T)	003.1	AA 01340	GS 01357
		RW22	030	MAP	TF		FO	0.3	224.0(225.0T)	001.3	AT 00874	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		224.0(225.0T)		AA 01115	
	SOGOY	050		DF		FO				AA 03000	
	SOGOY	060		HM	R	FO		043.8(044.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ICEBA	N382926.42	W0933049.39	N3829.440	W09330.823
	KOBGE	N382232.90	W0933935.22	N3822.548	W09339.587
	SOGOY	N381325.83	W0935107.01	N3813.431	W09351.117
	YESUB	N382443.61	W0933649.28	N3824.727	W09336.821
	RW22	N382137.65	W0934045.30	N3821.628	W09340.755

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00823	51

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 823	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 22, AMDT 1	AMDT: ORIG
	CLINTON RGNL	RNAV		3 APRIL 2014	DATED: 06/27/2013

US 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		LPV: DA LNAV/VNAV: DA LNAV: RW36											
YIKUY (IF/IAF)		ZIBRU (FB)		000.80 / 6.07		2500													
ZIBRU (FAF)		OWMUQ/1.60 NM TO RW36 (FB)		000.81 / 3.59															
OWMUQ/1.60 NM TO RW36		RW36 (MAP) (FO)		000.81 / 1.60															
RW36 (MAP)		1053 MSL		000.81															
1053 MSL		ZULEM (FO)				3000													
								CLIMB TO 3000 DIRECT ZULEM AND HOLD.											
								ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.81 INBOUND. CHART FAS OBST: 919 TREE 382103N/0934115W CHART CIRCLING ICON DISTANCE TO THLD FROM 250 HATH: 0.64 NM. WAAS CHANNEL # 82235 REFERENCE PATH ID: W36A LTP HAE: 212.5 M											
1. PT		SIDE OF COURSE		OUTBOUND		FT WITHIN		MILES OF		(IAF)									
2. HOLD S YIKUY, RT,		000.80 INBOUND,		3000 FT. IN LIEU OF PT (IAF)															
3. FAC: 000.81		FAF: ZIBRU		DIST FAF TO MAP: 5.19		THLD: 5.19													
4. MIN. ALT: YIKUY 3000,		ZIBRU 2500,		OWMUQ/1.60 NM TO RW36 1340*															
5. DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		100 HAT:		GS ANT:									
6. MIN GS INCPT: 2500		GS ALT AT: ZIBRU 2500		OM:		MM:		IM:											
7. GS ANGLE: 3.00		TCH: 45.0		34:1 IS NOT CLEAR															
8. MSA FROM:																			
										MAG VAR: 1E									
										EPOCH YEAR: 2015									
MINIMUMS																			
TAKEOFF: 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	
LPV DA		1053		1		250		1053		1		250		1053		1		250	
LNAV/VNAV DA		1100		1		297		1100		1		297		1100		1		297	
LNAV MDA		1180		1		377		1180		1		377		1180		1		377	
CIRCLING		1280		1		457		1280		1		457		1340		1 1/2		517	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING WHITEMAN AFB ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. (SEE FORM 8260-10)																			
CITY AND STATE CLINTON, MO				ELEVATION: 823 THRE: 803 AIRPORT NAME: CLINTON RGNL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 3 APRIL 2014				SUP: AMDT: NONE DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

*RNAV ONLY

CHART NOTE: CIRCLING TO RWY 4 NA AT NIGHT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHITEMAN AFB ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET, INCREASE VISIBILITY RNAV CATS C/D 3/8 MILE, RNAV/VNAV ALL CATS AND CIRCLING CAT D 1/4 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: VDP NA WITH WHITEMAN AFB ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	270/30 CW 090/30 (NOPT)	YIKUY (IF/IAF) (FB)	3000
	090/30 CW 270/30	YIKUY (IF/IAF) (FO)	3000

CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 803

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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	KGLY
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	382046.8315N
LTP/FTP LONGITUDE	0934031.6870W
LTP/FTP ELLIPSOIDAL HEIGHT	+02125
FPAP LATITUDE	382215.9800N
FPAP LONGITUDE	0934028.1100W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

75FF8171

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02448
FPAP ORTHOMETRIC HEIGHT	+02448



CITY AND STATE

CLINTON, MO

ELEVATION: 823

THRE: 803

AIRPORT NAME:

CLINTON RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

3 APRIL 2014

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 KGLYK3FR36	AYIKUY	010YIKUYK3EA0EE	AR	HF			00080040	+	03000	18000		A	JS
SUSAP KGLYK3FR36	R	010YIKUYK3EA0E	I	IF				+	03000	18000		A	JS
SUSAP KGLYK3FR36	R	020ZIBRUK3EA1E	F	051TF			00080061	+	02500			A	JS
SUSAP KGLYK3FR36	R	020ZIBRUK3EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KGLYK3FR36	R	021OWMUQK3EA0E	S	031TF			00080036	V	0134001358		-300	A	JS
SUSAP KGLYK3FR36	R	030RW36	K3PGOGY	M	031TF		00080016		00848		-300	A	JS
SUSAP KGLYK3FR36	R	040		0	M	CA	0008	+	01053			A	JS
SUSAP KGLYK3FR36	R	050ZULEMK3EA0EY		DF				+	03000			A	JS
SUSAP KGLYK3FR36	R	060ZULEMK3EA0EE	R	HM			18080040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 803	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 36, ORIG	AMDT: NONE
	CLINTON RGNL		RNAV	3 APRIL 2014	DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	YIKUY	YIKUY	010	IAF	HF	R	FO		000.8(001.8T)	004.0	AA 03000	
		YIKUY	010	FACF	IF		FB				AA 03000	
		ZIBRU	020	PAF	TF		FB	0.5	000.8(001.8T)	006.1	AA 02500	
		OWMUQ	021	SDF	TF		FB	0.3	000.8(001.8T)	003.6	AA 01340	GS 01358
		RW36	030	MAP	TF		FO	0.3	000.8(001.8T)	001.6	AT 00848	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		000.8(001.8T)		AA 01053	
	ZULEM	050		DF		FO				AA 03000	
	ZULEM	060		HM	R	FO		180.8(181.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OWMUQ	N381910.78	W0934035.54	N3819.180	W09340.592
	YIKUY	N380930.84	W0934058.74	N3809.514	W09340.979
	ZIBRU	N381535.42	W0934044.17	N3815.590	W09340.736
	ZULEM	N383252.19	W0934002.51	N3832.870	W09340.042
	RW36	N382046.83	W0934031.69	N3820.781	W09340.528

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00803	45

CITY AND STATE CLINTON, MO	ELEVATION: 823	THRE: 803	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) RWY 36, ORIG	AMDT: NONE
	CLINTON RGNL	RNAV	3 APRIL 2014	DATED:	

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
CLINTON, MO	CLINTON RGNL	3 APRIL 2014	1

TAKEOFF MINIMUMS:

RWY 04, 18, 22, 36 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 04, SIGN 15 FT FROM DER, 124 FT LEFT OF CENTERLINE, 5 FT AGL/824 FT MSL. TREES 100 FT FROM DER, 370 FT RIGHT OF CENTERLINE. TREES BEGINNING 101 FT FROM DER, 370 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/878 FT MSL. TREES BEGINNING 456 FT FROM DER, 56 FT RIGHT OF CENTERLINE, UP TO 26 FT AGL/848 MSL. TREE 662 FT FROM DER, 30 FT LEFT OF CENTERLINE, 22 FT AGL/844 FT MSL. TREE 892 FT FROM DER, 296 FT LEFT OF CENTERLINE, 23 FT AGL/845 FT MSL. TREES BEGINNING 1624 FT FROM DER, 853 FT RIGHT OF CENTERLINE, 78 FT AGL/ 888 FT MSL. TREES BEGINNING 1991 FT FROM DER, 700 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/878 FT MSL.

NOTE: RWY 18, ROAD 8 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, 15 FT AGL/819 FT MSL. TERRAIN 73 FT FROM DER, 315 FT LEFT OF CENTERLINE, 808 FT MSL. TREES BEGINNING 183 FT FROM DER, 306 FT LEFT OF CENTERLINE, UP TO 84 FT AGL/892 MSL. TREES BEGINNING 434 FT FROM DER, 571 FT RIGHT OF CENTERLINE, UP TO 52 FT AGL/855 FT MSL. TREES BEGINNING 1396 FT FROM DER, 632 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/872 FT MSL. TREES BEGINNING 1725 FT FROM DER, 576 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/848 FT MSL. BUSH 183 FT FROM DER, 306 FT LEFT OF CENTERLINE, 6 FT AGL/809 FT MSL.

NOTE: RWY 22, TREE 19 FT FROM DER, 349 FT LEFT OF CENTERLINE, 26 FT AGL/845 FT MSL. TREES BEGINNING 189 FT FROM DER, 213 FT LEFT OF CENTERLINE, UP TO 54 FT AGL/864 FT MSL. TREES AND POLES BEGINNING 640 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 67 FT AGL/887 FT MSL. POWERLINES BEGINNING 1289 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 46 FT AGL/866 FT MSL.

NOTE: RWY 36, TREE 38 FT FROM DER, 505 FT RIGHT OF CENTERLINE, 23 FT AGL/832 FT MSL. TREES BEGINNING 153 FT FROM DER, 414 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/888 FT MSL. TREES, TERRAIN AND BUILDINGS BEGINNING 106 FT FROM DER, 219 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/878 MSL. BUSHES BEGINNING 221 FT FROM DER, 431 FT LEFT OF CENTERLINE, UP TO 14 FT AGL/823 FT MSL.

CONTROLLING OBSTACLES:



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
CLINTON, MO	CLINTON RGNL	3 APRIL 2014	1

REMARKS:

FLIGHT INSPECTED BY:

Dan Stricker

1/30/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

RODNEY L RUMSEY

AJV-353

11/21/13

APPROVED BY:

GEORGE GONZALEZ

AJV-353

2.19.14

COORDINATED WITH:

ALPA, AOPA, NBAA, SZL APP CON, AMGR

CHANGES:

AIRPORT NAME CHANGED FROM CLINTON MEMORIAL TO CLINTON REGIONAL. RWY 18/36 ADDED.

REASONS:

AS PER APT MGR AND FPT.

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		LPV: DA LNAV/VNAV: DA LNAV: RW18							
JOMEM (IF/IAF)		ZEMAK (FB)		177.86 / 6.61		2100		CLIMB TO 2100 DIRECT EWOPO AND HOLD.							
ZEMAK (FAF)		WAMVI/3.00 NM TO RW18 (FB)		177.84 / 3.02											
WAMVI/3.00 NM TO RW18		RW18 (MAP) (FO)		177.84 / 3.00											
RW18 (MAP)		390 MSL		177.84											
390 MSL		EWOPO (FO)				2100		ADDITIONAL FLIGHT DATA: HOLD S, LT, 357.86 INBOUND. CHART FAS OBST: 249 TREE 334630N/0904500W 341 AAO 334927N/0904500W DISTANCE TO THLD FROM 250 HATH: 0.65 NM. CHART VDP AT 1.00 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 58322 REFERENCE PATH ID: W18A CHART CIRCLING ICON LTP HAE: 16 M							
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)								MAG VAR: 0E EPOCH YEAR: 2010							
2. HOLD N JOMEM, RT, 177.86 INBOUND, 2100 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>177.84</u> FAF: <u>ZEMAK</u> DIST FAF TO MAP: <u>6.02</u> THLD: <u>6.02</u>															
4. MIN. ALT: JOMEM 2100, ZEMAK 2100, WAMVI/3.00 NM TO RW18 1120*															
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>2100</u> GS ALT AT: <u>ZEMAK 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>42.3</u> 34:1 IS NOT CLEAR															
8. MSA FROM: <u> </u>															
MINIMUMS															
TAKEOFF: 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	390	7/8	250	390	7/8	250	390	7/8	250	390	7/8	250			
LNAV/VNAV DA	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409			
LNAV	500	1	360	500	1	360	500	1	360	500	1	360			
CIRCLING	600	1	460	600	1	460	900	2 1/4	760	900	2 1/2	760			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 438, LNAV/VNAV DA TO 597, AND ALL MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV (SEE FORM 8260-10) @ CAT C 800-2 1/4, CAT D 800-2 1/2 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 140 THRE: 140		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 17					
CLEVELAND, MS		AIRPORT NAME: CLEVELAND MUNI				RNAV (GPS) RWY 18, AMDT 1				AMDT: ORIG					
						3 APRIL 2014				DATED 07/28/2011					

US 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.

NOTES, (CONT.):

CATS C/D VISIBILITY 1/8 MILE, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

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

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	088/30 CW 268/30 (NOPT)	JOMEM (IAF) (FB)	2100
2.	268/30 CW 088/30	268/14 CW 088/14	2200
3.	268/14 CW 088/14	JOMEM (IAF) (FO)	2100

CITY AND STATE

CLEVELAND, MS

ELEVATION: 140

THRE: 140

AIRPORT NAME:

CLEVELAND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

3 APRIL 2014

SUP: RNAV (GPS) RWY 17

AMDT: ORIG

DATED: 07/28/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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	KRNV
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	334609.8155N
LTP/FTP LONGITUDE	0904529.6965W
LTP/FTP ELLIPSOIDAL HEIGHT	+00160
FPAP LATITUDE	334440.6175N
FPAP LONGITUDE	0904525.6685W
THRESHOLD CROSSING HEIGHT (TCH)	00042.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5F68C6DB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00425
FPAP ORTHOMETRIC HEIGHT	+00425

CITY AND STATE

CLEVELAND, MS

ELEVATION: 140

THRE: 140

AIRPORT NAME:

CLEVELAND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

3 APRIL 2014

SUP: RNAV (GPS) RWY 17

AMDT: ORIG

DATED: 07/28/2011

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

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEAEENRT	EWOPO K70	W	N33323147W090445299				W0004	NAR	EWOPO			
	SUSAEAEENRT	JOMEM K70	W	N33584874W090460389				W0004	NAR	JOMEM			
	SUSAEAEENRT	WAMVI K70	W	N33491001W090453784				W0004	NAR	WAMVI			
	SUSAEAEENRT	ZEMAK K70	W	N33521162W090454606				W0004	NAR	ZEMAK			

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRNVK7FR18	AJOMEM	010JOMEMK7EA0EE	AR	HF		17790040		+ 02100	18000			A JS
SUSAP	KRNVK7FR18	R	010JOMEMK7EA0E	I	IF				+ 02100	18000			A JS
SUSAP	KRNVK7FR18	R	020ZEMAKK7EA1E	F	051TF		17790066		+ 02100				A JS
SUSAP	KRNVK7FR18	R	020ZEMAKK7EA2WALPV			ALNAV/VNAV							JS
SUSAP	KRNVK7FR18	R	021WAMVIK7EA0E	S	031TF		17780030		V 0112001137		-300		A JS
SUSAP	KRNVK7FR18	R	030RW18	K7PGOGY	M 031TF		17780030		00182		-300		A JS
SUSAP	KRNVK7FR18	R	040		O M CA		1778		+ 00390				A JS
SUSAP	KRNVK7FR18	R	050EWOPOK7EA0EY		DF				+ 02100				A JS
SUSAP	KRNVK7FR18	R	060EWOPOK7EA0EE		L HM		35790040		+ 02100				A JS

[illegible]Page 4 of 5 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	JOMEM	JOMEM	010	IAF	HF	R	FO		177.9 (177.9T)	004.0	AA 02100	
		JOMEM	010	FACF	IF		FB				AA 02100	
		ZEMAK	020	FAF	TF		FB	0.5	177.9 (177.9T)	006.6	AA 02100	
		WAMVI	021	SDF	TF		FB	0.3	177.8 (177.8T)	003.0	AA 01120	GS 01137
		RW18	030	MAP	TF		FO	0.3	177.8 (177.8T)	003.0	AT 00182	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.8 (177.8T)		AA 00390	
	EWOP0	050		DF		FO				AA 02100	
	EWOP0	060		HM	L	FO		357.9 (357.9T)	004.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWOP0	N333231.47	W0904452.99	N3332.525	W09044.883
	JOMEM	N335848.74	W0904603.89	N3358.812	W09046.065
	WAMVI	N334910.01	W0904537.84	N3349.167	W09045.631
	ZEMAK	N335211.62	W0904546.06	N3352.194	W09045.768
	RW18	N334609.82	W0904529.70	N3346.164	W09045.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00140	42

CITY AND STATE CLEVELAND, MS	ELEVATION: 140	THRE: 140	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
	AIRPORT NAME: CLEVELAND MUNI		RNAV	RNAV (GPS) RWY 18, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 07/28/2011

US 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 EWOP0 (IF/IAF) ZALZA (FAF) HITAV/3.00 NM TO RW36 RW36 (MAP) 390 MSL	TO ZALZA (FB) HITAV/3.00 NM TO RW36 (FB) RW36 (MAP) (FO) 390 MSL JOMEM (FO)	COURSE AND DISTANCE 357.86 / 6.81 357.85 / 2.99 357.85 / 3.00 357.85	ALTITUDE 2100 2100	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2100 DIRECT JOMEM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.86 INBOUND. CHART FAS OBST: 269 TANK 334418N/0904442W 338 AAO 334203N/0904600W DISTANCE TO THLD FROM 250 HATH: 0.61 NM. CHART VDP AT 1.06 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 86823 REFERENCE PATH ID: W36A CHART CIRCLING ICON LTP HAE: 16.2 M											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S EWOP0, LT, 357.86 INBOUND, 2100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>357.85</u> FAF: <u>ZALZA</u> DIST FAF TO MAP: <u>5.99</u> THLD: <u>5.99</u> 4. MIN. ALT: EWOP0 2100, ZALZA 2100, HITAV/3.00 NM TO RW36 1140* 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>2100</u> GS ALT AT: <u>ZALZA 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 0E EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	390	3/4	250	390	3/4	250	390	3/4	250	390	3/4	250			
LNAV/VNAV DA	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409	549	1 3/8	409			
LNAV MDA	520	1	380	520	1	380	520	1	380	520	1	380			
CIRCLING	600	1	460	600	1	460	900	2 1/4	760	900	2 1/2	760			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING GREENVILLE ALTIMETER SETTING. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 140 THRE: 140		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 35					
CLEVELAND, MS		AIRPORT NAME: CLEVELAND MUNI				RNAV (GPS) RWY 36, ORIG-A 3 APRIL 2014				AMDT: ORIG					
										DATED 07/28/2011					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 438, LNAV/VNAV DA TO 597, AND ALL MDA 60 FEET; INCREASE LPV ALL CATS AND LNAV CATS C/D VISIBILITY 1/4 MILE, AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

TAA

	FROM	TO	ALT
1.	268/30 CW 088/30 (NOPT)	268/12 CW 088/12	3200
2.	268/12 CW 088/12	EWOP0 (IAF) (FB)	2100
3.	088/30 CW 268/30	088/12 CW 268/12	2200
4.	268/12 CW 088/12	EWOP0 (IAF) (FO)	2100

CITY AND STATE

CLEVELAND, MS

ELEVATION: 140

THRE: 140

AIRPORT NAME:

CLEVELAND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG-A

3 APRIL 2014

SUP: RNAV (GPS) RWY 35

AMDT: ORIG

DATED: 07/28/2011

RNAV 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 KRVV
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 334520.3340N
LTP/FTP LONGITUDE 0904527.4655W
LTP/FTP ELLIPSOIDAL HEIGHT +00162
FPAP LATITUDE 334649.5330N
FPAP LONGITUDE 0904531.4780W
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 1232
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

1DCA2FA3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00427
FPAP ORTHOMETRIC HEIGHT +00427

CITY AND STATE

CLEVELAND, MS

ELEVATION: 140

THRE: 140

AIRPORT NAME:

CLEVELAND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG-A

3 APRIL 2014

SUP: RNAV (GPS) RWY 35

AMDT: ORIG

DATED: 07/28/2011

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KRNVK7FR36	A	EWOPO	010EWOPOK7EA0EE	AL	HF		35790040	+	02100	18000		A	JS
SUSAP KRNVK7FR36	R		010EWOPOK7EA0E	I	IF			+	02100	18000		A	JS
SUSAP KRNVK7FR36	R		020ZALZAK7EA1E	F	051TF		35790068	+	02100			A	JS
SUSAP KRNVK7FR36	R		020ZALZAK7EA2WALPV			ALNAV/VNAV							JS
SUSAP KRNVK7FR36	R		021HITAVK7EA0E	S	031TF		35790030	V	0114001149	-300		A	JS
SUSAP KRNVK7FR36	R		030RW36	K7PGOGY	M	031TF	35790030		00194	-300		A	JS
SUSAP KRNVK7FR36	R		040		M	CA	3579	+	00390			A	JS
SUSAP KRNVK7FR36	R		050JOMEMK7EA0EY		DF			+	02100			A	JS
SUSAP KRNVK7FR36	R		060JOMEMK7EA0EE	R	HM		17790040	+	02100			A	JS

[illegible][illegible]

CITY AND STATE CLEVELAND, MS	ELEVATION: 140	THRE: 140	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG-A 3 APRIL 2014	SUP: RNAV (GPS) RWY 36
	AIRPORT NAME: CLEVELAND MUNI	FACILITY IDENTIFIER: RNAV		AMDT: ORIG
				DATED: 07/28/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	EWOP0	EWOP0	010	IAF	HF	L	FO		357.9(357.9T)	004.0	AA 02100	
		EWOP0	010	FACF	IF		FB				AA 02100	
		ZALZA	020	FAF	TF		FB	0.5	357.9(357.9T)	006.8	AA 02100	
		HITAV	021	SDF	TF		FB	0.3	357.9(357.9T)	003.0	AA 01140 GS 01149	
		RW36	030	MAP	TF		FO	0.3	357.9(357.9T)	003.0	AT 00194	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.9(357.9T)		AA 00390	
	JOMEM	050		DF		FO				AA 02100	
	JOMEM	060		HM	R	FO		177.9(177.9T)	004.0	AA 02100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWOP0	N333231.47	W0904452.99	N3332.525	W09044.883
	HITAV	N334220.14	W0904519.37	N3342.336	W09045.323
	JOMEM	N335848.74	W0904603.89	N3358.812	W09046.065
	ZALZA	N333920.67	W0904511.31	N3339.345	W09045.189
	RW36	N334520.33	W0904527.47	N3345.339	W09045.458

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00140	54

CITY AND STATE
CLEVELAND, MS

ELEVATION: 140 THRE: 140
AIRPORT NAME:
CLEVELAND MUNI

FACILITY
IDENTIFIER:

RNAV

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

3 APRIL 2014

SUP:	RNAV (GPS) RWY 35
AMDT:	ORIG
DATED:	07/28/2011

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
CLEVELAND, MS	CLEVELAND MUNI	3 APRIL 2014	2

TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 18 – CLIMB HEADING 177.84 TO 600 BEFORE TURNING EASTBOUND.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES AND POLES BEGINNING 797 FT FROM DER, 29 FT LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/180 FT MSL.
NOTE: RWY 36, POLES BEGINNING 1318 FT FROM DER, 66 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/177 FT MSL. TREE 1418 FT FROM DER, 274 FT LEFT OF CENTERLINE, 39 FT AGL/179 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT RWY 18 – 564 FT MSL TOWER 334333.00N/0904353.00W.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
CLEVELAND, MS	CLEVELAND MUNI	3 APRIL 2014	2

REMARKS:

FLIGHT INSPECTED BY:

Anthony D. Vallera

1/28/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

KELLY D. DEAN

AJV-352

12/13/2013

APPROVED BY:

SUE CRUMB, MANAGER

AJV-352

FEB 19 2014

COORDINATED WITH:

ZME, AOPA, NBAA, ARPT MGR

CHANGES:

1. RWY NUMBERS CHANGED FROM 17/35 TO 18/36.
2. CHANGED RWY DEPARTURE FROM BEFORE TURNING TO BEFORE TURNING EASTBOUND.
3. CHARTED NOTES.
4. REMOVED TAKEOFF MINIMUMS FOR RWYS 8, 26 NA.

REASONS:

1. AIRPORT SURVEY AND RUNWAY REDESIGNATION.
2. ALLOW AIRCRAFT TO TURN PRIOR TO 600 WHERE OBSTACLE DOES NOT HAVE AN AFFECT.
3. LOW CLOSE IN PENETRATIONS.
4. RWY 8/26 NO LONGER EXIST.

PAGE 1 OF 1 PAGES

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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 HEBNO/I-SOP 13.39 DME/RADAR (IF/IAF)	TO ZIKDA/I-SOP 7.39 DME	COURSE AND DISTANCE 054.23 / 6.00 (I-SOP)	ALTITUDE 2500	ILS: DA LOC: I-SOP 1.10 DME FIX CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3300 ON HEADING 300 AND ON SDZ VORTAC R-048 TO SDZ VORTAC AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 2500 DIRECT HFF NDB AND HOLD (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, LT, 092.11 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW HFF NDB, RT, 115.00 INBOUND. CHART FAS OBST: 543 TREE 351339N/0792422W CHART: 934 TOWER 350905N/0792839W CHART: 619 TREE 351222N/0792558W CHART VDP AT 2.05 DME* DISTANCE VDP TO THLD 0.95 MILES. *LOC ONLY. CHART IN PLANVIEW: HFF NDB. CHART CIRCLING ICON. CHART 4NM LEG ON OUTBOUND LEG OF HOLDING PATTERN AT HEBNO. CHART R-5311 A,B,C.											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW HEBNO, RT, 054.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>054.23</u> FAF: <u>ZIKDA/I-SOP 7.39 DME</u> DIST FAF TO MAP: <u>6.30</u> THLD: <u>6.30</u> 4. MIN. ALT: HEBNO 2500, ZIKDA 2500, WORBU/I-SOP 3.10 DME 1120* 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>861</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>ZIKDA 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 8W EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: 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 5	655	1/2	200	655	1/2	200	655	1/2	200	655	1/2	200			
S-LOC 5	800	1/2	345	800	1/2	345	800	5/8	345	800	5/8	345			
CIRCLING	880	1	421	920	1	461	1100	1 3/4	641	1360	3	901			
NOTES: CHART NOTE: VDP NA WITH SANFORD ALTIMETER SETTING. CHART PLANVIEW NOTE: GPS REQUIRED FOR TERMINAL AREA ARRIVAL. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SANFORD ALTIMETER SETTING, INCREASE S-ILS 5 ALL CATS VISIBILITY 1/2 MILE. (SEE FORM 8260-10)															
CITY AND STATE PINEHURST/SOUTHERN PINES, NC		ELEVATION: 459 THRE: 455 AIRPORT NAME: MOORE COUNTY		FACILITY IDENTIFIER: I-SOP		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Y OR LOC/DME Y RWY 5, ORIG 3 APRIL 2014						SUP: AMDT: NONE DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR 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 SANFORD ALTIMETER SETTING AND INCREASE ALL DA 88 FT AND ALL MDA 100 FEET; INCREASE S-LOC 5 CATS C/D VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	324/30 CW 144/30 (NOPT)	HEBNO (IF/IAF) (FB)	2500
2.	144/30 CW 324/30	HEBNO (IF/IAF) (FO)	2500

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 455

AIRPORT NAME:

MOORE COUNTY

FACILITY
IDENTIFIER:

I-SOP

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

ILS Y OR LOC/DME Y RWY 5, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSOPK7FI05-Y	AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010	PI	+	02500	18000	0	NS
SUSAP	KSOPK7FI05-Y	I	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	J	02500002500	18000	0	NS
SUSAP	KSOPK7FI05-Y	I	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060	PI	H	02500002500		-300	0
SUSAP	KSOPK7FI05-Y	I	030RW05 K7PG0GY	M	CF	ISOPK7	2342001105400063	PI		00494		-300	0
SUSAP	KSOPK7FI05-Y	I	040	0	M	CA	0542		+	01400			0
SUSAP	KSOPK7FI05-Y	I	050	0	L	VIY	3000						0
SUSAP	KSOPK7FI05-Y	I	060SDZ	K7D	OVY	CF SDZ K7	00000000022800120D		+	03300			0
SUSAP	KSOPK7FI05-Y	I	070SDZ	K7D	OVE	L	HM	0921T010	+	03300			0

[illegible][illegible]

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC/DME Y RWY 5, ORIG
3 APRIL 2014

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2()	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500 GI 02500	
		ZIKDA	020	FAF	CF		FB		054.0()	006.0	GI 02500 GS 02500	
		RW05	030	MAP	CF		FO		054.0()	006.3	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2()		AA 01400	
		050		VI	L	FB		300.0()			
	SDZ	060		CF		FO		228.0()	012.0	AA 03300	
	SDZ	070		HM	L	FO		092.1()	T01.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SDZ	N351255.73	W0793516.57	N3512.929	W07935.276
	ISOP (DME)	N351444.05	W0792247.95	N3514.734	W07922.799
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
	ISOP (LOC)	N351441.13	W0792246.91	N3514.686	W07922.782

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00455	39

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455
AIRPORT NAME:
MOORE COUNTY

FACILITY IDENTIFIER:
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC/DME Y RWY 5, ORIG
3 APRIL 2014

SUP:
AMDT: NONE
DATED:

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSOPK7FL05-Y	AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010PI	+	02500	18000		0	DS
SUSAP	KSOPK7FL05-Y	L	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	+	02500	18000	0	DS
SUSAP	KSOPK7FL05-Y	L	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060PI	+	02500			0	DS
SUSAP	KSOPK7FL05-Y	L	021WORBUK7PC0E	S	CF	ISOPK7	2342003105400043PI	+	01120		-301	0	DS
SUSAP	KSOPK7FL05-Y	L	030RW05 K7PG0GY	M	CF	ISOPK7	2342001105400020PI				-301	0	DS
SUSAP	KSOPK7FL05-Y	L	040	0	M	CA	0542	+	01400			0	DS
SUSAP	KSOPK7FL05-Y	L	050	0	L	VIY	3000					0	DS
SUSAP	KSOPK7FL05-Y	L	060SDZ	K7D	OVY	CF SDZ K7	0000000022800120D	+	03300			0	DS
SUSAP	KSOPK7FL05-Y	L	070SDZ	K7D	OVE	L	HM	0921T010	+	03300		0	DS

[illegible][illegible]

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC/DME Y RWY 5, ORIG
3 APRIL 2014

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2 ()	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500	
		ZIKDA	020	FAF	CF		FB		054.0 ()	006.0	AA 02500	
		WORBU	021	SDF	CF		FB		054.0 ()	004.3	AA 01120	
		RW05	030	MAP	CF		FO		054.0 ()	002.0	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2 ()		AA 01400	
		050		VI	L	FB		300.0 ()			
	SDZ	060		CF		FO		228.0 ()	012.0	AA 03300	
	SDZ	070		HM	L	FO		092.1 ()	T01.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SDZ	N351255.73	W0793516.57	N3512.929	W07935.276
	ISOP (DME)	N351444.05	W0792247.95	N3514.734	W07922.799
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	WORBU	N351233.43	W0792529.35	N3512.557	W07925.489
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
	ISOP (LOC)	N351441.13	W0792246.91	N3514.686	W07922.782

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00455	39

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455
AIRPORT NAME:
MOORE COUNTY

FACILITY
IDENTIFIER:
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC/DME Y RWY 5, ORIG
3 APRIL 2014

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
HEBNO/I-SOP 13.39 DME/RADAR (IF/IAF)	ZIKDA/I-SOP 7.39 DME	054.23 / 6.00 (I-SOP)	2500	ILS: DA LOC: I-SOP 1.10 DME FIX CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3300 ON HEADING 300 AND ON SDZ VORTAC R-048 TO SDZ VORTAC AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1400 CLIMBING LEFT TURN TO 2500 DIRECT HFF NDB AND HOLD (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, LT, 092.11 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW HFF NDB, RT, 115.00 INBOUND. CHART FAS OBST: 543 TREE 351339N/0792422W CHART: 934 TOWER 350905N/0792839W CHART: 619 TREE 351222N/0792558W CHART VDP AT 2.05 DME* DISTANCE VDP TO THLD 0.95 MILES. *LOC ONLY. CHART IN PLANVIEW: HFF NDB. CHART CIRCLING ICON. CHART R-5311 A,B,C.											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW HEBNO, RT, 054.23 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>054.23</u> FAF: <u>ZIKDA/I-SOP 7.39 DME</u> DIST FAF TO MAP: <u>6.30</u> THLD: <u>6.30</u> 4. MIN. ALT: <u>HEBNO 2500, ZIKDA 2500, WORBU/I-SOP 3.10 DME 1120*</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>861</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>ZIKDA 2500</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>FAY VOR/DME 3200 (30 NM)</u>				MAG VAR: 8W EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: 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 5	655	1/2	200	655	1/2	200	655	1/2	200	655	1/2	200			
S-LOC 5	800	1/2	345	800	1/2	345	800	5/8	345	800	5/8	345			
CIRCLING	880	1	421	920	1	461	1100	1 3/4	641	1360	3	901			
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: VDP NA WITH SANFORD ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANFORD ALTIMETER SETTING AND INCREASE ALL DA 88 FT AND ALL MDA 100 FEET; INCREASE S-LOC 5 CATS C/D VISIBILITY 1/4 MILE AND INCREASE (SEE FORM 8260-10) # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE				ELEVATION: 459 THRE: 455		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS OR LOC RWY 5			
PINEHURST/SOUTHERN PINES, NC				AIRPORT NAME:		I-SOP		ILS Z OR LOC/DME Z RWY 5, AMDT 2				AMDT: 1			
				MOORE COUNTY				3 APRIL 2014				DATED 04/05/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SANFORD ALTIMETER SETTING, INCREASE S-ILS 5 ALL CATS
VISIBILITY 1/2 MILE.



CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459	THRE: 455	FACILITY IDENTIFIER: I-SOP	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Z OR LOC/DME Z RWY 5, AMDT 2 3 APRIL 2014	SUP: ILS OR LOC RWY 5
	AIRPORT NAME: MOORE COUNTY				AMDT: 1
					DATED: 04/05/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	FAY	K7010880VDL	N34590798W078523023	N34590798W078523023W0040001871	NARFAYETTEVILLE								
SUSAD	SDZ	K7011180VTL	N35125573W079351657	N35125573W079351657W0030005881	NARSANDHILLS								
SUSAD KSOPK7	ISOP	K7011150 IT	ISOPN35144405W079224795	004370	NARMOORE COUNTY								

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSOPK7FI05-Z	AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010PI	+	02500	18000		0	NS
SUSAP	KSOPK7FI05-Z	I	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	J	025000250018000		0	NS
SUSAP	KSOPK7FI05-Z	I	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060PI	H	0250002500		-300FAY	K7D	0 NS
SUSAP	KSOPK7FI05-Z	I	030RW05	K7PG0GY	M	CF	ISOPK7	2342001105400063PI		00494	-300		0 NS
SUSAP	KSOPK7FI05-Z	I	040	0	M	CA			0542	+	01400		0 NS
SUSAP	KSOPK7FI05-Z	I	050	0	L	VIY			3000				0 NS
SUSAP	KSOPK7FI05-Z	I	060SDZ	K7D	0VY	CF	SDZ	K7	0000000022800120D	+	03300		0 NS
SUSAP	KSOPK7FI05-Z	I	070SDZ	K7D	0VE	L	HM		0921T010	+	03300		0 NS

[illegible][illegible][illegible]

DATED: 04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2()	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500 GI 02500	
		ZIKDA	020	FAF	CF		FB		054.0()	006.0	GI 02500 GS 02500	
		RW05	030	MAP	CF		FO		054.0()	006.3	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2()		AA 01400	
		050		VI	L	FB		300.0()			
	SDZ	060		CF		FO		228.0()	012.0	AA 03300	
	SDZ	070		HM	L	FO		092.1()	T01.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAY	N345907.98	W0785230.23	N3459.133	W07852.504
	SDZ	N351255.73	W0793516.57	N3512.929	W07935.276
	ISOP (DME)	N351444.05	W0792247.95	N3514.734	W07922.799
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
	ISOP (LOC)	N351441.13	W0792246.91	N3514.686	W07922.782

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW05	00455		39

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455
AIRPORT NAME:
MOORE COUNTY

FACILITY
IDENTIFIER:
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC/DME Z RWY 5, AMDT 2
3 APRIL 2014

SUP: ILS OR LOC RWY 5
AMDT: 1
DATED: 04/05/2012

FLIGHT STANDARDS SERVICES - 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.

ARINC PACKET - 424-18 - LOC

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KSOPK7FL05-Z AHEBNO	010HEBNOK7PC0EE	AR	HF	ISOPK7	234201340542T010PI	+	02500	18000				0	DS
SUSAP KSOPK7FL05-Z L	010HEBNOK7PC0E	I	IF	ISOPK7	23420134	PI	+	02500	18000			0	DS
SUSAP KSOPK7FL05-Z L	020ZIKDAK7PC0E	F	CF	ISOPK7	2342007405400060PI	+	02500			FAY	K7D	0	DS
SUSAP KSOPK7FL05-Z L	021WORBUK7PC0E	S	CF	ISOPK7	2342003105400043PI	+	01120			-301		0	DS
SUSAP KSOPK7FL05-Z L	030RW05 K7PG0GY	M	CF	ISOPK7	2342001105400020PI					-301		0	DS
SUSAP KSOPK7FL05-Z L	040	0 M	CA		0542	+	01400					0	DS
SUSAP KSOPK7FL05-Z L	050	0 L	VIY		3000							0	DS
SUSAP KSOPK7FL05-Z L	060SDZ	K7D 0VY	CF	SDZ K7	0000000022800120D	+	03300					0	DS
SUSAP KSOPK7FL05-Z L	070SDZ	K7D 0VE L	HM		0921T010	+	03300					0	DS

[illegible][illegible][illegible]

SUP:	ILS OR LOC RWY 5
AMDT:	1
DATED:	04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

SUSAP KSOPK7SFAY K7D

0 18018003230

MCITY AND STATE
PINEHURST/SOUTHERN PINES, NCELEVATION: 459 THRE: 455
AIRPORT NAME:
MOORE COUNTYFACILITY
IDENTIFIER:

I-SOPPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC/DME Z RWY 5, AMDT 2
3 APRIL 2014

SUP: ILS OR LOC RWY 5

AMDT: 1

DATED: 04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.2 ()	T01.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500	
		ZIKDA	020	FAF	CF		FB		054.0 ()	006.0	AA 02500	
		WORBU	021	SDF	CF		FB		054.0 ()	004.3	AA 01120	
		RW05	030	MAP	CF		FO		054.0 ()	002.0	AT 00494	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		054.2 ()		AA 01400	
			050		VI	L	FB		300.0 ()			
		SDZ	060		CF		FO		228.0 ()	012.0	AA 03300	
		SDZ	070		HM	L	FO		092.1 ()	T01.0	AA 03300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAY	N345907.98	W0785230.23	N3459.133	W07852.504
	SDZ	N351255.73	W0793516.57	N3512.929	W07935.276
	ISOP (DME)	N351444.05	W0792247.95	N3514.734	W07922.799
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	WORBU	N351233.43	W0792529.35	N3512.557	W07925.489
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727
	ISOP (LOC)	N351441.13	W0792246.91	N3514.686	W07922.782

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW05	00455	39

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459 THRE: 455
AIRPORT NAME:
MOORE COUNTY

FACILITY
IDENTIFIER:
I-SOP

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC/DME Z RWY 5, AMDT 2
3 APRIL 2014

SUP: ILS OR LOC RWY 5
AMDT: 1
DATED: 04/05/2012

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW05											
HEBNO (IF/IAF)	ZIKDA (FB)	054.13 / 6.00	2500	CLIMB TO 2500 DIRECT OWWEN AND HOLD.											
ZIKDA (FAF)	WORBU/2.00 NM TO RW05 (FB)	054.18 / 4.30													
WORBU/2.00 NM TO RW05	RW05 (MAP) (FO)	054.18 / 2.00													
RW05 (MAP)	655 MSL	054.18													
655 MSL	OWWEN (FO)		2500	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 234.33 INBOUND. CHART FAS OBST: 609 TREE 351208N/0792459W CHART: 934 TOWER 350905N/0792839W CHART: 618 TREE 351223N/0792541W DISTANCE TO THLD FROM 200 HATH: 0.50 NM. CHART VDP AT 1.14 MILES TO RW05* *LNAV ONLY. WAAS CHANNEL # 70526 REFERENCE PATH ID: W05A CHART R-5311 A,B,C. CHART CIRCLING ICON. LTP HAE: 107.2 M											
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)															
2. HOLD SW HEBNO, RT, 054.13 INBOUND, 2500 FT. IN LIEU OF PT (IAF)															
3. FAC: 054.18 FAF: ZIKDA DIST FAF TO MAP: 6.30 THLD: 6.30															
4. MIN. ALT: HEBNO 2500, ZIKDA 2500, WORBU/2.00 NM TO RW05 1120*															
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: 2500 GS ALT AT: ZIKDA 2500 OM: MM: IM:															
7. GS ANGLE: 3.00 TCH: 39.0 34:1 IS CLEAR															
8. MSA FROM:				MAG VAR: 8W EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: 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	655	1/2	200	655	1/2	200	655	1/2	200	655	1/2	200			
LNAV/VNAV DA	750	1/2	295	750	1/2	295	750	1/2	295	750	1/2	295			
LNAV MDA	860	1/2	405	860	1/2	405	860	3/4	405	860	3/4	405			
CIRCLING	880	1	421	920	1	461	1100	1 3/4	641	1360	3	901			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 7/8 MILE, LNAV CATS A/B VISIBILITY TO 1 MILE, AND LNAV CATS C/D VISIBILITY TO 1 1/8 MILE. (SEE FORM 8260-10)															
CITY AND STATE PINEHURST/SOUTHERN PINES, NC		ELEVATION: 459 THRE: 455 AIRPORT NAME: MOORE COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 1 3 APRIL 2014				SUP: AMDT: ORIG DATED 04/05/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANFORD ALTIMETER SETTING AND INCREASE ALL DA 88 FT AND ALL MDA 100 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE, AND CIRCLING CAT C 1/2 MILE.

CHART NOTE: WHEN USING SANFORD ALTIMETER SETTING, FOR INOPERATIVE MALSR INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE, LNAV CATS A/B VISIBILITY TO 1 MILE, AND LNAV CAT C/D VISIBILITY TO 1 3/8 MILE.

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

TAA

	FROM	TO	ALT
1.	324/30 CW 144/30 (NOPT)	HEBNO (IF/IAF) (FB)	2500
2.	144/30 CW 324/30	HEBNO (IF/IAF) (FO)	2500

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 455

AIRPORT NAME:

MOORE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 04/05/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459 AIRPORT NAME: THRE: 455 MOORE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 1 3 APRIL 2014	SUP:
				AMDT: ORIG
				DATED: 04/05/2012

RNAV 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 KSOP
RUNWAY RW05
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W05A
LTP/FTP LATITUDE 351356.5825N
LTP/FTP LONGITUDE 0792343.5955W
LTP/FTP ELLIPSOIDAL HEIGHT +01072
FPAP LATITUDE 351458.3080N
FPAP LONGITUDE 0792225.0370W
THRESHOLD CROSSING HEIGHT (TCH) 00039.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0952
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

81D8F609

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +01387
FPAP ORTHOMETRIC HEIGHT +01387

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 455

AIRPORT NAME:

MOORE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 04/05/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KSOPK7FR05	AHEBNO	010HEBNOK7EA0EE	AR	HF			05410040	+	02500	18000		A	JS
SUSAP KSOPK7FR05	R	010HEBNOK7EA0E	I	IF				+	02500	18000		A	JS
SUSAP KSOPK7FR05	R	020ZIKDAK7EA1E	F	051TF			05410060	+	02500			A	JS
SUSAP KSOPK7FR05	R	020ZIKDAK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSOPK7FR05	R	021WORBUK7EA0E	S	031TF			05420043	V	0112001131	-300		A	JS
SUSAP KSOPK7FR05	R	030RW05 K7PG0GY	M	031TF			05420020		00494	-300		A	JS
SUSAP KSOPK7FR05	R	040	0	M	CA		0542	+	00655			A	JS
SUSAP KSOPK7FR05	R	0500WWENK7EA0EY		DF				+	02500			A	JS
SUSAP KSOPK7FR05	R	0600WWENK7EA0EE	R	HM			23430040	+	02500			A	JS

[illegible][illegible]

CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459 THRE: 455	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 5, AMDT 1	SUP:
	AIRPORT NAME: MOORE COUNTY	RNAV	3 APRIL 2014	AMDT: ORIG
				DATED: 04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HEBNO	HEBNO	010	IAF	HF	R	FO		054.1(046.1T)	004.0	AA 02500	
		HEBNO	010	FACF	IF		FB				AA 02500	
		ZIKDA	020	FAF	TF		FB	0.5	054.1(046.1T)	006.0	AA 02500	
		WORBU	021	SDF	TF		FB	0.3	054.2(046.2T)	004.3	AA 01120	GS 01131
		RW05	030	MAP	TF		FO	0.3	054.2(046.2T)	002.0	AT 00494	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		054.2(046.2T)		AA 00655	
	OWWEN	050		DF		FO				AA 02500	
	OWWEN	060		HM	R	FO		234.3(226.3T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	OWWEN	N352132.51	W0791402.08	N3521.542	W07914.035
	WORBU	N351233.43	W0792529.35	N3512.557	W07925.489
	ZIKDA	N350934.62	W0792916.43	N3509.577	W07929.274
	RW05	N351356.58	W0792343.60	N3513.943	W07923.727

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00455	39

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: **459** **THRE: 455**
 AIRPORT NAME:
MOORE COUNTY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 5, AMDT 1
3 APRIL 2014

SUP:
 AMDT: **ORIG**
 DATED: **04/05/2012**

US 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 OWWEN (IF/IAF) BUNEW (FAF) MOKSE/2.40 NM TO RW23 RW23 (MAP) 681 MSL	TO BUNEW (FB) MOKSE/2.40 NM TO RW23 (FB) RW23 (MAP) (FO) 681 MSL HEBNO (FO)	COURSE AND DISTANCE 234.33 / 5.00 234.28 / 2.67 234.28 / 2.40 234.28	ALTITUDE 2100 2500	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2500 DIRECT HEBNO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.13 INBOUND. CHART FAS OBST: 526 TREE 351423N/0792251W DISTANCE TO THLD FROM 250 HATH: 0.61 NM. WAAS CHANNEL # 42726 REFERENCE PATH ID: W23A CHART CIRCLING ICON. LTP HAE: 99.8 M	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE OWWEN, RT, 234.33 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>234.28</u> FAF: <u>BUNEW</u> DIST FAF TO MAP: <u>5.07</u> THLD: <u>5.07</u> 4. MIN. ALT: OWWEN 2500, BUNEW 2100, MOKSE/2.40 NM TO RW23 1240* 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>2100</u> GS ALT AT: <u>BUNEW 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 8W EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF: 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	681	1	250	681	1
LNAV/VNAV DA	687	1	256	687	1
LNAV MDA	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	1
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	681	1	250	681	1
	687	1	256	687	1
	780	1	349	780	

US 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.

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANFORD ALTIMETER
SETTING AND INCREASE ALL DA 88 FEET AND ALL MDA 100 FEET; INCREASE LNAV CATS C/D VISIBILITY 3/8
MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: RWY 23 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	144/30 CW 324/30 (NOPT)	144/13 CW 324/13	3200
	144/13 CW 324/13	OWWEN (IF/IAF) (FB)	2500
2.	324/30 CW 144/30	OWWEN (IF/IAF) (FO)	2500

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 431

AIRPORT NAME:

MOORE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 2

3 APRIL 2014

SUP:

AMDT: 1

DATED: 04/05/2012

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 KSOP
RUNWAY RW23
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23A
LTP/FTP LATITUDE 351434.2250N
LTP/FTP LONGITUDE 0792255.6930W
LTP/FTP ELLIPSOIDAL HEIGHT +00998
FPAP LATITUDE 351332.4955N
FPAP LONGITUDE 0792414.2410W
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 0888
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

14467B8A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +01313
FPAP ORTHOMETRIC HEIGHT +01313

CITY AND STATE

PINEHURST/SOUTHERN PINES, NC

ELEVATION: 459

THRE: 443

AIRPORT NAME:

MOORE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, AMDT 2

3 APRIL 2014

SUP:

AMDT:

1

DATED:

04/05/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KSOPK7FR23	AOWWEN	010OWWENK7EA0EE	AR	HF			23430040	+	02500	18000		A	JS
SUSAP KSOPK7FR23	R	010OWWENK7EA0E	I	IF				+	02500	18000		A	JS
SUSAP KSOPK7FR23	R	020BUNEWK7EA1E	F	051TF			23430050	+	02100			A	JS
SUSAP KSOPK7FR23	R	020BUNEWK7EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KSOPK7FR23	R	021MOKSEK7EA0E	S	031TF			23430027	V	0124001249	-300		A	JS
SUSAP KSOPK7FR23	R	030RW23	K7PG0GY	M	031TF		23430024		00485	-300		A	JS
SUSAP KSOPK7FR23	R	040		0	M	CA	2343	+	00681			A	JS
SUSAP KSOPK7FR23	R	050HEBNOK7EA0EY		DF				+	02500			A	JS
SUSAP KSOPK7FR23	R	060HEBNOK7EA0EE	R	HM			05410040	+	02500			A	JS

[illegible][illegible]

CITY AND STATE PINEHURST/SOUTHERN PINES, NC	ELEVATION: 459 THRE: 431	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2 3 APRIL 2014	SUP:
	AIRPORT NAME: MOORE COUNTY			AMDT: 1
				DATED: 04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OWWEN	OWWEN	010	IAF	HF	R	FO		234.3 (226.3T)	004.0	AA 02500	
		OWWEN	010	FACF	IF		FB				AA 02500	
		BUNEW	020	FAF	TF		FB	0.5	234.3 (226.3T)	005.0	AA 02100	
		MOKSE	021	SDF	TF		FB	0.3	234.3 (226.3T)	002.7	AA 01240	GS 01249
		RW23	030	MAP	TF		FO	0.3	234.3 (226.3T)	002.4	AT 00485	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		234.3 (226.3T)		AA 00681	
	HEBNO	050		DF		FO				AA 02500	
	HEBNO	060		HM	R	FO		054.1 (046.1T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUNEW	N351804.94	W0791827.18	N3518.082	W07918.453
	HEBNO	N350524.83	W0793432.93	N3505.414	W07934.549
	MOKSE	N351613.96	W0792048.68	N3516.233	W07920.811
	OWWEN	N352132.51	W0791402.08	N3521.542	W07914.035
	RW23	N351434.23	W0792255.69	N3514.571	W07922.928

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00431	54

CITY AND STATE
PINEHURST/SOUTHERN PINES, NC

ELEVATION: **459** **THRE: 431**
 AIRPORT NAME:
MOORE COUNTY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 23, AMDT 2
3 APRIL 2014

SUP:
 AMDT: **1**
 DATED: **04/05/2012**

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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: OGKIJ/1.75 DME CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 7000 DIRECT BLD VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 330.00 INBOUND. CHART FAS OBST: 2459 TREE 360209N/1151207W OBST: 2609 AAO 360123N/1151243W CHART CIRCLING ICON.	
WOPMA/36.45 DME	CEDAX/30.72 DME	009.91 / 5.73 (I-CUA)	11000		
CEDAX/30.72 DME	SHANQ/26.22 DME	009.91 / 4.50 (I-CUA)	9700		
SHANQ/26.22 DME	KRUDY/19.83 DME	009.91 / 6.39 (I-CUA)	8000		
KRUDY/19.83 DME (IAF)	TRREY/16.03 DME	009.91 / 3.79 (I-CUA)	7000		
TRREY/16.03 DME (IF)	CODNO/13.18 DME	009.91 / 2.85 (I-CUA)	6300		
CODNO/13.19 DME	NODIY/10.03 DME	009.91 / 3.15 (I-CUA)	5300		

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT TRREY/16.03 DME	
3. FAC: <u>009.91</u> FAF: <u>NODIY/10.03 DME</u> DIST FAF TO MAP: <u> </u> THLD: <u>8.49</u>	
4. MIN. ALT: TRREY 7000, CODNO 6300, NODIY 5300, SOSOY/7.34 DME 4300*, ZABES/4.84 DME 3400*	
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>1296</u>	
6. MIN GS INCPT: <u>5300</u> GS ALT AT: <u>NODIY 5300</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.40</u> TCH: <u>59.2</u>	
8. MSA FROM: LAS VORTAC 030-120 6700, 120-210 8400, 210-300 13200, 300-030 10200	

MAG VAR: 15E
EPOCH YEAR: 1980

MINIMUMS															
TAKEOFF: 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 01L	2460	1	284	2460	1	284	2460	1	284		NA				
S-LOC 01L	2720	1	544	2720	1	544	2720	1 3/8	544		NA				
CIRCLING	3080	1 1/4	899	3080	1 1/4	899	3200	3	1019		NA				

NOTES:
 *LOC ONLY
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 1L ALL CATS AND S-LOC 1L CATS A/B.
 CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOPMA ON V21-283-587 SOUTHWEST BOUND.

CAT A, B 900-2, CAT C 1100-3
 @ CAT A, B 900-2, CAT C 1100-3

CITY AND STATE LAS VEGAS, NV	ELEVATION: 2181 THRE: 2176 AIRPORT NAME: MC CARRAN INTL	FACILITY IDENTIFIER: I-CUA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC/DME RWY 1L, AMDT 1 3 APRIL 2014	SUP: AMDT: ORIG-B DATED 01/12/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART PLANVIEW NOTE: DME REQUIRED.

CITY AND STATE

LAS VEGAS, NV

ELEVATION: 2181

THRE: 2176

AIRPORT NAME:

MC CARRAN INTL

FACILITY
IDENTIFIER:

I-CUA

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 1L, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG-B

DATED: 01/12/2012

FLIGHT STANDARDS SERVICES - 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.

[illegible]

SUP:	
AMDT:	ORIG-B
DATED:	01/12/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KLASK2GRW01L 0089880099 N36043644W115101030-1000 +0635302176058759150IICUA1

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

SUSAP KLASK2IICUA1 011010RW01LN36060085W1150921990099N36044914W1151006521013 12960426340E01505902159

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

SUSAP KLASK2SLAS K2D 0 03012013225120210102252103000672530003008425

M

CITY AND STATE
LAS VEGAS, NVELEVATION: 2181 THRE: 2176
AIRPORT NAME:
MC CARRAN INTLFACILITY
IDENTIFIER:
I-CUAPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 1L, AMDT 1
3 APRIL 2014SUP:
AMDT: ORIG-B
DATED: 01/12/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WOPMA	WOPMA	010		IF		FB					
	WOPMA	CEDAX	020		TF		FB				AA 11000	
	WOPMA	SHANQ	030		TF		FB				AA 09700	
	WOPMA	KRUDY	040	IAF	TF		FB				AA 08000	
	WOPMA	TRREY	050		TF		FB				AA 07000	
	WOPMA	CODNO	060		CF		FB		009.9 ()	002.9	AA 06300	
		CODNO	010	FACF	IF		FB				AA 06300 GI 05300	
		NODIY	020	FAF	CF		FB		010.0 ()	003.2	GI 05300 GS 05300	
		RW01L	030	MAP	CF		FO		010.0 ()	008.5	AT 02236	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		009.9 ()		AA 03000	
	BLD	050		DF		FO				AA 07000	
	BLD	060		HM	R	FO		330.0 ()	T01.0	AA 07000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLD	N355944.84	W1145148.88	N3559.747	W11451.815
	LAS	N360446.93	W1150935.27	N3604.782	W11509.588
	ICUA (DME)	N360601.73	W1150925.06	N3606.029	W11509.418
	WOPMA	N353252.83	W1152811.29	N3532.881	W11528.188
	CEDAX	N353805.74	W1152514.67	N3538.096	W11525.245
	CODNO	N355401.94	W1151612.38	N3554.032	W11516.206
	KRUDY	N354759.79	W1151938.24	N3547.997	W11519.637
	NODIY	N355653.82	W1151434.47	N3556.897	W11514.575
	SHANQ	N354211.26	W1152255.81	N3542.188	W11522.930
	TRREY	N355126.54	W1151740.79	N3551.442	W11517.680
	RW01L	N360436.44	W1151010.30	N3604.607	W11510.172
	ICUA (LOC)	N360600.85	W1150921.99	N3606.014	W11509.367

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01L	02176	59

CITY AND STATE
LAS VEGAS, NV

ELEVATION: 2181 THRE: 2176
AIRPORT NAME:
MC CARRAN INTL

FACILITY
IDENTIFIER:
I-CUA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 1L, AMDT 1
3 APRIL 2014

SUP:
AMDT: ORIG-B
DATED: 01/12/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLASK2FL01L	AWOPMA	010WOPMAK2EA0E		IF					18000		0	DS
SUSAP	KLASK2FL01L	AWOPMA	020CEDAXK2PC0E		TF			+	11000			0	DS
SUSAP	KLASK2FL01L	AWOPMA	030SHANQK2PC0E		TF			+	09700			0	DS
SUSAP	KLASK2FL01L	AWOPMA	040KRUDYK2PC0E	A	TF			+	08000			0	DS
SUSAP	KLASK2FL01L	AWOPMA	050TRREYK2PC0E	B	TF			+	07000			0	DS
SUSAP	KLASK2FL01L	AWOPMA	060CODNOK2PC0EE		CF	ICUAK2	1899013200990029PI	+	06300			0	DS
SUSAP	KLASK2FL01L	L	010CODNOK2PC0E	I	IF	ICUAK2	18990132	PI		18000		0	DS
SUSAP	KLASK2FL01L	L	020NODIYK2PC0E	F	CF	ICUAK2	1899010001000032PI	+	05300		LAS	K2D	0 DS
SUSAP	KLASK2FL01L	L	021S0SOYK2PC0E	S	CF	ICUAK2	1899007301000027PI	+	04300		-341		0 DS
SUSAP	KLASK2FL01L	L	022ZABESK2PC0E	S	CF	ICUAK2	1899004801000025PI	+	03400		-341		0 DS
SUSAP	KLASK2FL01L	L	030OGKIJK2PC0EY	M	CF	ICUAK2	18990017010000031PI	+	02308		-341		0 DS

SUP:	
AMDT:	ORIG-B
DATED:	01/12/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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SUSAP KLASK2FL01L	L	040	0	M	CA	0099	+	03000	0	DS	
SUSAP KLASK2FL01L	L	050BLD	K2D	OVY	DF		+	07000	0	DS	
SUSAP KLASK2FL01L	L	060BLD	K2D	OVE	R	HM	3300T010	+	07000	0	DS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLASK2GRW01L	0089880099 N36043644W115101030-1000 +0635302176058759150IICUA1												

	1	2	3	4	5	6	7	8	9	0	1	2	3
ILS	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLASK2IICUA1	011010RW01LN36060085W1150921990099N36044914W1151006521013 12960426340E01505902159												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KLASK2SLAS K2D	0 03012013225120210102252103000672530003008425 M												

CITY AND STATE LAS VEGAS, NV	ELEVATION: 2181	THRE: 2176	FACILITY IDENTIFIER: I-CUA	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC/DME RWY 1L, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: MC CARRAN INTL				AMDT: ORIG-B
					DATED: 01/12/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WOPMA	WOPMA	010		IF		FB					
	WOPMA	CEDAX	020		TF		FB				AA 11000	
	WOPMA	SHANQ	030		TF		FB				AA 09700	
	WOPMA	KRUDY	040	IAF	TF		FB				AA 08000	
	WOPMA	TRREY	050		TF		FB				AA 07000	
	WOPMA	CODNO	060		CF		FB		009.9()	002.9	AA 06300	
		CODNO	010	FACF	IF		FB				AA 06300	
		NODIY	020	FAF	CF		FB		010.0()	003.2	AA 05300	
		SOSOY	021	SDF	CF		FB		010.0()	002.7	AA 04300	
		ZABES	022	SDF	CF		FB		010.0()	002.5	AA 03400	
		OGKIJ	030	MAP	CF		FO		010.0()	003.1	AT 02308	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		009.9()		AA 03000	
	BLD	050		DF		FO				AA 07000	
	BLD	060		HM	R	FO		330.0()	T01.0	AA 07000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLD	N355944.84	W1145148.88	N3559.747	W11451.815
	LAS	N360446.93	W1150935.27	N3604.782	W11509.588
	ICUA (DME)	N360601.73	W1150925.06	N3606.029	W11509.418
	WOPMA	N353252.83	W1152811.29	N3532.881	W11528.188
	CEDAX	N353805.74	W1152514.67	N3538.096	W11525.245
	CODNO	N355401.94	W1151612.38	N3554.032	W11516.206
	KRUDY	N354759.79	W1151938.24	N3547.997	W11519.637
	NODIY	N355653.82	W1151434.47	N3556.897	W11514.575
	OGKIJ	N360425.54	W1151016.53	N3604.426	W11510.276
	SHANQ	N354211.26	W1152255.81	N3542.188	W11522.930
	SOSOY	N355920.32	W1151310.92	N3559.339	W11513.182
	TRREY	N355126.54	W1151740.79	N3551.442	W11517.680
	ZABES	N360136.59	W1151153.11	N3601.610	W11511.885
	RW01L	N360436.44	W1151010.30	N3604.607	W11510.172
	ICUA (LOC)	N360600.85	W1150921.99	N3606.014	W11509.367

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW01L	02176	59

CITY AND STATE
LAS VEGAS, NVELEVATION: 2181 THRE: 2176
AIRPORT NAME:
MC CARRAN INTLFACILITY
IDENTIFIER:
I-CUAPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC/DME RWY 1L, AMDT 1
3 APRIL 2014SUP:
AMDT: ORIG-B
DATED: 01/12/2012

US 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	LP: RW25 LNAV: RW25 CLIMB TO 3500 DIRECT INADY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.67 INBOUND. FAS OBST: 1819 AAO 422010N/0752052W FAS OBST: 1939 AAO 422030N/0752024W 1899 AAO 422022N/0752033W WAAS CHANNEL # 77537 REFERENCE PATH ID: W25A SIBJI TO RW25: 3.66/48. CHART CIRCLING ICON. CHART 5 NM LEGS AT ODEBY LTP HAE: 280.2 M	
UZUBO (IAF)	ODEBY (NOPT) (FB)	340.58 / 6.50	4500		
ZAYAZ (IAF)	ODEBY (NOPT) (FB)	161.35 / 6.50	4500		
ODEBY (IF/IAF)	SIBJI (FB)	250.96 / 6.50	3000		
SIBJI (FAF)	UJTAP/3.60 NM TO RW25 (FB)	250.88 / 1.37			
UJTAP/3.60 NM TO RW25	RW25 (MAP) (FO)	250.88 / 3.60			
RW25 (MAP)	1427 MSL	250.88			
1427 MSL	INADY (FO)		3500		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E ODEBY, RT, 250.96 INBOUND, 4500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>250.88</u> FAF: <u>SIBJI</u> DIST FAF TO MAP: <u>4.97</u> THLD: <u>4.97</u> 4. MIN. ALT: ODEBY 4500, SIBJI 3000, UJTAP/3.60 NM TO RW25 2440 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 13W EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A X		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LP MDA	2080	1 1/4	1058	2080	1 1/2
LNAV MDA	2200	1 1/4	1178	2200	1 1/2
CIRCLING	2200	1 1/4	1153	2240	1 1/2
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET.					
(SEE FORM 8260-10)		ELEVATION: 1027 THRE: 1022		FACILITY IDENTIFIER: RNAV	
CITY AND STATE SIDNEY, NY		AIRPORT NAME: SIDNEY MUNI		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, AMDT 1 3 APRIL 2014	
				SUP: AMDT: ORIG-C DATED 12/15/2011	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING TO RWY 7 NA AT NIGHT.

CHART NOTE: WHEN RWY 25 VGSI INOPERATIVE, STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	161/30 CW 341/30 (NOPT)	161/6 CW 341/6	5700
2.	161/6 CW 341/6	ODEBY (IF/IAF) (FB)	4500
3.	341/30 CW 071/30	UZUBO (IAF) (FB)	5200
4.	071/30 CW 161/30	ZAYAZ (IAF) (FB)	4500

CITY AND STATE

SIDNEY, NY

ELEVATION: 1027

THRE: 1022

AIRPORT NAME:

SIDNEY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG-C

DATED: 12/15/2011

RNAV 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	N23
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	421820.3145N
LTP/FTP LONGITUDE	0752433.7915W
LTP/FTP ELLIPSOIDAL HEIGHT	+02802
FPAP LATITUDE	421732.8320N
FPAP LONGITUDE	0752615.4010W
THRESHOLD CROSSING HEIGHT (TCH)	00047.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.66
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0

<u>CRC REMAINDER</u>	7641B26D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03115
FPAP ORTHOMETRIC HEIGHT	+03115

CITY AND STATE

SIDNEY, NY

ELEVATION: 1027

THRE: 1022

AIRPORT NAME:

SIDNEY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG-C

DATED: 12/15/2011

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

Ceilings are 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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP N23 K6FR25	AODEBY	0100DEBYK6EA0EE	AR	HF			25100040		+ 04500	18000		A JS	
SUSAP N23 K6FR25	AUZUBO	010UZUBOK6EA0E	A	IF						18000		A JS	
SUSAP N23 K6FR25	AUZUBO	0200DEBYK6EA0EE	B	010TF			34060065		+ 04500			A JS	
SUSAP N23 K6FR25	AZAYAZ	010ZAYAZK6EA0E	A	IF						18000		A JS	
SUSAP N23 K6FR25	AZAYAZ	0200DEBYK6EA0EE	B	010TF			16140065		+ 04500			A JS	
SUSAP N23 K6FR25	R	0100DEBYK6EA0E	I	IF					+ 04500	18000		A JS	
SUSAP N23 K6FR25	R	020SIBJIK6EA1E	F	051TF			25100065		+ 03000			A JS	
SUSAP N23 K6FR25	R	020SIBJIK6EA2WALP			N	ALNAV						JS	
SUSAP N23 K6FR25	R	021UJTAPK6EA0E	S	031TF			25090014		V	0244002469		-366	A JS
SUSAP N23 K6FR25	R	030RW25 K6PG0GY	M	031TF			25090036			01070		-366	A JS
SUSAP N23 K6FR25	R	040	0 M	CA			2509		+ 01427				A JS
SUSAP N23 K6FR25	R	050INADYK6EA0EY		DF					+ 03500				A JS
SUSAP N23 K6FR25	R	060INADYK6EA0EE	R	HM			07070040		+ 03500				A JS

[illegible][illegible]

CITY AND STATE
SIDNEY, NY

ELEVATION: 1027	THRE: 1022
AIRPORT NAME:	SIDNEY MUNI

FACILITY
IDENTIFIER:

RNAV

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

3 APRIL 2014

SUP:	
AMDT:	ORIG-C
DATED:	12/15/2011

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ODEBY	ODEBY	010	IAF	HF	R	FO		251.0 (238.0T)	004.0	AA 04500	
	UZUBO	UZUBO	010	IAF	IF		FB					
	UZUBO	ODEBY	020		TF		FB	1.0	340.6 (327.6T)	006.5	AA 04500	
	ZAYAZ	ZAYAZ	010	IAF	IF		FB					
	ZAYAZ	ODEBY	020		TF		FB	1.0	161.4 (148.4T)	006.5	AA 04500	
		ODEBY	010	FACF	IF		FB				AA 04500	
		SIBJI	020	FAF	TF		FB	0.5	251.0 (238.0T)	006.5	AA 03000	
		UJTAP	021	SDF	TF		FB	0.3	250.9 (237.9T)	001.4	AA 02440	GS 02469
		RW25	030	MAP	TF		FO	0.3	250.9 (237.9T)	003.6	AT 01070	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		250.9 (237.9T)		AA 01427	
	INADY	050		DF		FO				AA 03500	
	INADY	060		HM	R	FO		070.7 (057.7T)	004.0	AA 03500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	INADY	N421234.59	W0753651.13	N4212.577	W07536.852
	ODEBY	N422428.75	W0751122.14	N4224.479	W07511.369
	SIBJI	N422058.90	W0751853.71	N4220.982	W07518.895
	UJTAP	N422015.32	W0752027.27	N4220.255	W07520.455
	UZUBO	N421859.61	W0750639.95	N4218.994	W07506.666
	ZAYAZ	N423001.01	W0751558.45	N4230.017	W07515.974
	RW25	N421820.31	W0752433.79	N4218.339	W07524.563

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	01022	48

CITY AND STATE SIDNEY, NY	ELEVATION: 1027	THRE: 1022	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	SIDNEY MUNI	RNAV	RNAV (GPS) RWY 25, AMDT 1	AMDT: ORIG-C
				3 APRIL 2014	DATED: 12/15/2011

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 3900 DIRECT HANIG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.30 INBOUND. CHART FAS OBST: 913 TOWER 351458N/0950608W DISTANCE TO THLD FROM 250 HATH: 0.66 NM. CHART VDP AT 1.70 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 82522 REFERENCE PATH ID: W35A CHART CIRCLING ICON. LTP HAE: 152.2 M											
FSM VORTAC	JUPEB (FB)	236.18 / 38.46	3900												
MLC VORTAC (IAF)	ELKVI (NOPT) (FB)	063.10 / 37.01	3900												
JUPEB (IAF)	ELKVI (NOPT) (FB)	284.77 / 7.91	3200												
ELKVI (IF/IAF)	ANIWU (FB)	357.37 / 5.52	2400												
ANIWU (FAF)	ZUGEL/2.40 NM TO RW35 (FB)	357.21 / 3.13													
ZUGEL/2.40 NM TO RW35 (SEE FORM 8260-10)	RW35 (MAP) (FO)	357.21 / 2.40													
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S ELKVI, RT, 357.37 INBOUND, 3900 FT. IN LIEU OF PT (IAF) 3. FAC: <u>357.21</u> FAF: <u>ANIWU</u> DIST FAF TO MAP: <u>5.53</u> THLD: <u>5.53</u> 4. MIN. ALT: <u>ELKVI 3900, ANIWU 2400, ZUGEL/2.40 NM TO RW35 1400*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>ANIWU 2400</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW35 3700</u>				MAG VAR: 3E EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: 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	849	1	250	849	1	250		NA			NA				
LNAV/VNAV DA	849	1	250	849	1	250		NA			NA				
LNAV MDA	1180	1	581	1180	1	581		NA			NA				
CIRCLING	1180	1	581	1180	1	581		NA			NA				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING SALLISAW ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. (SEE FORM 8260-10)						@ NA WHEN LOCAL WEATHER NOT AVAILABLE.									
CITY AND STATE STIGLER, OK		ELEVATION: 599 THRE: 599 AIRPORT NAME: STIGLER RGNL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 3 APRIL 2014		SUP: AMDT: ORIG DATED 08/25/2011							

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW35 (MAP)	849 MSL	357.21	
849 MSL	HANIG (FO)		3900

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FSM VORTAC AIRWAY RADIALS 168 CW 297.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MLC VORTAC AIRWAY RADIALS 347 CW 058.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALLISAW ALTIMETER SETTING AND INCREASE ALL DA 49 FEET, ALL MDA 60 FEET . INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: VDP NA WHEN USING SALLISAW ALTIMETER SETTING.

CHART NOTE: CIRCLING TO RWY 17 NA AT NIGHT.



CITY AND STATE
STIGLER, OK

ELEVATION: 599 THRE: 599
AIRPORT NAME:
STIGLER RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
3 APRIL 2014

SUP:	
AMDT:	ORIG
DATED:	08/25/2011

RNAV 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	KGZL
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	351656.1500N
LTP/FTP LONGITUDE	0950538.1100W
LTP/FTP ELLIPSOIDAL HEIGHT	+01522
FPAP LATITUDE	351825.3900N
FPAP LONGITUDE	0950537.7100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1DD1B1EB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01823
FPAP ORTHOMETRIC HEIGHT	+01823

CITY AND STATE
STIGLER, OK

ELEVATION: 599 THRE: 599
AIRPORT NAME:
STIGLER RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1
3 APRIL 2014

SUP:
AMDT: ORIG
DATED: 08/25/2011

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KGZLK4FR35	AELKVI	010ELKVIK4EA0EE	AR	HF			35740040	+	03900	18000		A	JS	
SUSAP KGZLK4FR35	AFSM	010FSM	K4D	0V	IF					18000		A	JS	
SUSAP KGZLK4FR35	AFSM	020JUPEBK4EA0E	A	020TF			23620385	+	03900			A	JS	
SUSAP KGZLK4FR35	AFSM	030ELKVIK4EA0EE	B	010TF			28480079	+	03200			A	JS	
SUSAP KGZLK4FR35	AMLC	010MLC	K4D	0V	A	IF				18000		A	JS	
SUSAP KGZLK4FR35	AMLC	020ELKVIK4EA0EE	B	010TF			06310370	+	03900			A	JS	
SUSAP KGZLK4FR35	R	010ELKVIK4EA0E	I	IF				+	03900	18000		A	JS	
SUSAP KGZLK4FR35	R	020ANIWUK4EA1E	F	051TF			35740055	+	02400		RW35	K4PGA	JS	
SUSAP KGZLK4FR35	R	020ANIWUK4EA2WALPV			ALNAV/VNAV	ALNAV							JS	
SUSAP KGZLK4FR35	R	021ZUGELK4EA0E	S	031TF			35720031	V	0140001404		-300		A	JS
SUSAP KGZLK4FR35	R	030RW35	K4PGOGY	M	031TF		35720024		00639		-300		A	JS
SUSAP KGZLK4FR35	R	040		0	M	CA	3572	+	00849				A	JS
SUSAP KGZLK4FR35	R	050HANIGK4EA0EY		DF				+	03900				A	JS
SUSAP KGZLK4FR35	R	060HANIGK4EA0EE	R	HM			17730040	+	03900				A	JS

[illegible]

CITY AND STATE STIGLER, OK	ELEVATION: 599	THRE: 599	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1	SUP:
	AIRPORT NAME: STIGLER RGNL				AMDT: ORIG
				3 APRIL 2014	DATED: 08/25/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KGZLK4PR35 RW35 001 0000W35A0N3516561500W09505381100+015220300N3518253900W09505377100106751440000400F4005001DD1B1EB
SUSAP KGZLK4PR35 RW35 002E +01823+01823LPV 82522

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

SUSAP KGZLK4SRW35 K4PG 0 18018003725 M

CITY AND STATE
STIGLER, OK

ELEVATION: 599 THRE: 599
AIRPORT NAME:
STIGLER RGNL

FACILITY
IDENTIFIER:
RNAV

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

3 APRIL 2014

SUP:
AMDT: ORIG
DATED: 08/25/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ELKVI	ELKVI	010	IAF	HF	R	FO		357.4 (000.4T)	004.0	AA 03900	
	FSM	FSM	010		IF		FB					
	FSM	JUPEB	020	IAF	TF		FB	2.0	236.2 (239.2T)	038.5	AA 03900	
	FSM	ELKVI	030		TF		FB	1.0	284.8 (287.8T)	007.9	AA 03200	
	MLC	MLC	010	IAF	IF		FB					
	MLC	ELKVI	020		TF		FB	1.0	063.1 (066.1T)	037.0	AA 03900	
		ELKVI	010	FACF	IF		FB				AA 03900	
		ANIWU	020	FAF	TF		FB	0.5	357.4 (000.4T)	005.5	AA 02400	
		ZUGEL	021	SDF	TF		FB	0.3	357.2 (000.2T)	003.1	AA 01400	GS 01404
		RW35	030	MAP	TF		FO	0.3	357.2 (000.2T)	002.4	AT 00639	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.2 (000.2T)		AA 00849	
	HANIG	050		DF		FO				AA 03900	
	HANIG	060		HM	R	FO		177.3 (180.3T)	004.0	AA 03900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSM	N352318.30	W0941617.49	N3523.305	W09416.292
	MLC	N345057.99	W0954656.44	N3450.967	W09546.941
	ANIWU	N351123.92	W0950539.59	N3511.399	W09505.660
	ELKVI	N350552.13	W0950542.20	N3505.869	W09505.703
	HANIG	N353253.33	W0950532.00	N3532.889	W09505.533
	JUPEB	N350327.43	W0945631.54	N3503.457	W09456.526
	ZUGEL	N351431.92	W0950538.75	N3514.532	W09505.646
	RW35	N351656.15	W0950538.11	N3516.936	W09505.635

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00599	40



CITY AND STATE STIGLER, OK	ELEVATION: 599	THRE: 599	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	STIGLER RGNL	RNAV	RNAV (GPS) RWY 35, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 08/25/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 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		
NOTES: PROCEDURE CANCELED EFFECTIVE <u>3 APRIL 2014</u>																	
CITY AND STATE LATROBE, PA				ELEVATION: 1199 TDZE: 1145 AIRPORT NAME: ARNOLD PALMER RGNL				FACILITY IDENTIFIER: BHU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 23, AMDT 13C, 03/11/2010				SUP AMDT 13B DATE 04/20/2000			

QUALITY
 1
 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR 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: 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 3 APRIL 2014

31
CHECKED

CITY AND STATE YORK, PA	ELEVATION: 495 AIRPORT NAME: YORK	THRE: 470	FACILITY IDENTIFIER: EUD	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 17, AMDT 7A, 09/19/2013	SUP
					AMDT 7
					DATE 06/30/2011

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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: 5.52 MILES AFTER RALLY LOM/I-UZA 6.61 DME OR AT I-UZA 1.09 DME FIX CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 174 AND CLT VOR/DME R-203 TO CONEL/I-UZA 12.72 DME/RADAR AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT RALLY LOM/I-UZA 6.61 DME AND HOLD. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S RALLY LOM/I-UZA 6.61 DME, RT, 016.23 INBOUND. CHART 4 NM ON OUTBOUND LEG OF HOLDING PATTERN AT CONEL. FAS OBST: 822 AAO 345530N/0810424W CHART VDP AT 2.26 DME*; DISTANCE VDP TO THLD 1.17 MILES. *LOC ONLY. CHART CIRCLING ICON					
GUCRE (IAF)	CONEL (NOPT) (FB)			106.11 / 8.00				3000							
TAGCU (IAF)	CONEL (NOPT) (FB)			286.29 / 8.00				3000							
CONEL/I-UZA 12.72 DME/RADAR (IF/IAF)	RALLY LOM/I-UZA 6.61 DME			016.23 / 6.11 (I-UZA)				2500							
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S CONEL, RT, 016.23 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>016.23</u> FAF: RALLY LOM/I-UZA 6.61 DME DIST FAF TO MAP: <u>5.52</u> THLD: <u>5.52</u> 4. MIN. ALT: CONEL 3000, RALLY LOM 2500 5. DIST TO THLD FROM OM: <u>5.52</u> MM: <u>--</u> IM: <u>--</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>961</u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>-</u> OM: <u>2494</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.8</u> 8. MSA FROM: <u> </u>												MAG VAR: 5W EPOCH YEAR: 1990			
MINIMUMS															
TAKEOFF: 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 2	897	1/2	231	897	1/2	231	897	1/2	231	897	1/2	231			
S-LOC 2	1080	1/2	414	1080	1/2	414	1080	3/4	414	1080	3/4	414			
CIRCLING	1140	1	474	1160	1	494	1340	2	674	1340	2 1/4	674			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET; INCREASE S-LOC CAT C/D VISIBILITY 1/4 MILE. CHART NOTE: ADF OR DME REQUIRED. CHART NOTE: VDP NA WITH CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 666 THRE: 666		FACILITY IDENTIFIER: I-UZA		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ROCK HILL, SC		AIRPORT NAME:		ROCK HILL/YORK CO/BRYANT FIELD		ILS Y OR LOC Y RWY 2, ORIG				AMDT: NONE					
						3 APRIL 2014				DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING, INCREASE S-LOC CAT C/D VISIBILITY TO 1 3/8.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC CAT C/D VISIBILITY TO 1 1/8.

CHART PLANVIEW NOTE: GPS REQUIRED FOR TERMINAL ARRIVAL AREA.

TAA

	FROM	TO	ALT
1.	286/30 CW 106/30 (NOPT)	CONEL (IF/IAF) (FB)	3000
2.	106/30 CW 196/30	GUCRE (IAF) (FB)	3200
3.	196/30 CW 286/30	TAGCU (IAF) (FB)	3100

CITY AND STATE

ROCK HILL, SC

ELEVATION: 666

THRE: 666

AIRPORT NAME:

ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:
I-UZA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS Y OR LOC Y RWY 2, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

FLIGHT STANDARDS SERVICES - 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.

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KUZAK7FI02-Y	ACONEL	010CONELK7PC0EE	AR	HF	CLT	K7	202502510162T010D	+	03000	18000	0	NS
SUSAP	KUZAK7FI02-Y	AGUCRE	010GUCREK7PC0E	A	FC	CLT	K7	2195027210610060D	+	03000	18000	0	NS
SUSAP	KUZAK7FI02-Y	AGUCRE	020CONELK7PC0EE	B	CF	IUZAK7		1962012710610020PI	+	03000		0	NS
SUSAP	KUZAK7FI02-Y	ATAGCU	010TAGCUK7PC0E	A	FC	CLT	K7	1844025528630060D	+	03000	18000	0	NS
SUSAP	KUZAK7FI02-Y	ATAGCU	020CONELK7PC0EE	B	CF	IUZAK7		1962012728630020PI	+	03000		0	NS
SUSAP	KUZAK7FI02-Y	I	010CONELK7PC0E	I	IF	IUZAK7		19620127	PI	J	030000250018000	0	NS
SUSAP	KUZAK7FI02-Y	I	020RALLYK7PC0E	F	CF	IUZAK7		1962006601600061PI	H	0250002494	-300	0	NS
SUSAP	KUZAK7FI02-Y	I	030RW02	K7PG0GY	M	CF	IUZAK7	1962001101600055PI		00707	-300	0	NS
SUSAP	KUZAK7FI02-Y	I	040	0	M	CA		0162	+	01500		0	NS
SUSAP	KUZAK7FI02-Y	I	050	0	L	VIY		1740				0	NS
SUSAP	KUZAK7FI02-Y	I	060CONELK7PC0EY		CF	CLT	K7	2025025120300070D	+	03000		0	NS
SUSAP	KUZAK7FI02-Y	I	070CONELK7PC0EE	R	HM			0162T010	+	03000		0	NS

[illegible][illegible]

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CONEL	CONEL	010	IAF	HF	R	FO		016.2()	T01.0	AA 03000	
	GUCRE	GUCRE	010	IAF	FC		FB		106.1()	006.0	AA 03000	
	GUCRE	CONEL	020		CF		FB		106.1()	002.0	AA 03000	
	TAGCU	TAGCU	010	IAF	FC		FB		286.3()	006.0	AA 03000	
	TAGCU	CONEL	020		CF		FB		286.3()	002.0	AA 03000	
		CONEL	010	FACF	IF		FB				AA 03000 GI 02500	
		RALLY	020	FAF	CF		FB		016.0()	006.1	GI 02500 GS 02494	
		RW02	030	MAP	CF		FO		016.0()	005.5	AT 00707	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		016.2()		AA 01500	
		050		VI	L	FB		174.0()			
	CONEL	060		CF		FO		203.0()	007.0	AA 03000	
	CONEL	070		HM	R	FO		016.2()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	IUZA (DME)	N345953.07	W0810313.78	N3459.885	W08103.230
	CONEL	N344723.90	W0810617.27	N3447.398	W08106.288
	GUCRE	N344856.94	W0811549.13	N3448.949	W08115.819
	RALLY	N345323.91	W0810450.72	N3453.399	W08104.845
	TAGCU	N344550.11	W0805645.76	N3445.835	W08056.763
	RW02	N345849.49	W0810332.27	N3458.825	W08103.538
	IUZA (LOC)	N345953.53	W0810316.83	N3459.892	W08103.281

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00666	41

CITY AND STATE
ROCK HILL, SCELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELDFACILITY IDENTIFIER:
I-UZAPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC Y RWY 2, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

FLIGHT STANDARDS SERVICES - 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.

ARINC PACKET - 424-18 - LOC

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

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666	THRE: 666
AIRPORT NAME: ROCK HILL/YORK CO/BRYANT FIELD	

FACILITY
IDENTIFIER:

I-UZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC Y RWY 2, ORIG

3 APRIL 2014

SUP:	

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CONEL	CONEL	010	IAF	HF	R	FO		016.2()	T01.0	AA 03000	
	GUCRE	GUCRE	010	IAF	FC		FB		106.1()	006.0	AA 03000	
	GUCRE	CONEL	020		CF		FB		106.1()	002.0	AA 03000	
	TAGCU	TAGCU	010	IAF	FC		FB		286.3()	006.0	AA 03000	
	TAGCU	CONEL	020		CF		FB		286.3()	002.0	AA 03000	
		CONEL	010	FACF	IF		FB				AA 03000	
		RALLY	020	FAF	CF		FB		016.0()	006.1	AA 02500	
		RW02	030	MAP	CF		FO		016.0()	005.5	AT 00707	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		016.2()		AA 01500	
		050		VI	L	FB		174.0()			
	CONEL	060		CF		FO		203.0()	007.0	AA 03000	
	CONEL	070		HM	R	FO		016.2()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	IUZA (DME)	N345953.07	W0810313.78	N3459.885	W08103.230
	CONEL	N344723.90	W0810617.27	N3447.398	W08106.288
	GUCRE	N344856.94	W0811549.13	N3448.949	W08115.819
	RALLY	N345323.91	W0810450.72	N3453.399	W08104.845
	TAGCU	N344550.11	W0805645.76	N3445.835	W08056.763
	RW02	N345849.49	W0810332.27	N3458.825	W08103.538
	IUZA (LOC)	N345953.53	W0810316.83	N3459.892	W08103.281

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00666	41

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY IDENTIFIER:
I-UZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Y OR LOC Y RWY 2, ORIG

3 APRIL 2014

SUP:

AMDT: NONE

DATED:

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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.													
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES		MISSED APPROACH													
FROM CLT VOR/DME CONEL/I-UZA 12.72 DME/RADAR (IF/IAF)	TO CONEL/I-UZA 12.72 DME/RADAR RALLY LOM/I-UZA 6.61 DME	COURSE AND DISTANCE 202.51 / 25.14 016.23 / 6.11 (I-UZA)	ALTITUDE 3000 2500 ILS: DA LOC: 5.52 MILES AFTER RALLY LOM/I-UZA 6.61 DME OR AT I-UZA 1.09 DME FIX CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 174 AND CLT VOR/DME R-203 TO CONEL/I-UZA 12.72 DME/RADAR AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2500 DIRECT RALLY LOM/I-UZA 6.61 DME AND HOLD. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S RALLY LOM/I-UZA 6.61 DME, RT, 016.23 INBOUND. FAS OBST: 822 AAO 345530N/0810424W CHART VDP AT 2.26 DME*; DISTANCE VDP TO THLD 1.17 MILES. *LOC ONLY. CHART CIRCLING ICON.												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)		MAG VAR: 5W EPOCH YEAR: 1990													
2. HOLD S CONEL, RT, 016.23 INBOUND, 3000 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>016.23</u> FAF: RALLY LOM/I-UZA 6.61 DME DIST FAF TO MAP: <u>5.52</u> THLD: <u>5.52</u>															
4. MIN. ALT: CONEL 3000, RALLY LOM 2500															
5. DIST TO THLD FROM OM: <u>5.52</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>961</u>															
6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>-</u> OM: <u>2494</u> MM: <u>-</u> IM: <u>-</u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>40.8</u>															
8. MSA FROM: UZ LOM 3800															
MINIMUMS															
TAKEOFF: 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 2	897	1/2	231	897	1/2	231	897	1/2	231	897	1/2	231			
S-LOC 2	1080	1/2	414	1080	1/2	414	1080	3/4	414	1080	3/4	414			
CIRCLING	1140	1	474	1160	1	494	1340	2	674	1340	2 1/4	674			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET; INCREASE S-LOC CAT C/D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC CAT C/D VISIBILITY TO 1 1/8 MILE. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. (SEE FORM 8260-10)															
CITY AND STATE ROCK HILL, SC	ELEVATION: 666 THRE: 666 AIRPORT NAME: ROCK HILL/YORK CO/BRYANT FIELD	FACILITY IDENTIFIER: I-UZA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS Z OR LOC Z RWY 2, AMDT 2 3 APRIL 2014	SUP: ILS OR LOC RWY 2 AMDT: 1A DATED 10/21/2010											

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR 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: ADF OR DME REQUIRED.

CHART NOTE: VDP NA WITH CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING, INCREASE
S-LOC CAT C/D VISIBILITY TO 1 3/8.

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:
I-UZA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS Z OR LOC Z RWY 2, AMDT 2
3 APRIL 2014

SUP: ILS OR LOC RWY 2
AMDT: 1A
DATED: 10/21/2010

FLIGHT STANDARDS SERVICES - 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 visibility which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KUZAK7FI02-Z	ACLT	010CLT	K7D 0V	IF					18000		0	NS
SUSAP	KUZAK7FI02-Z	ACLT	020CONELK7PC0EY		TF				+ 03000			0	NS
SUSAP	KUZAK7FI02-Z	ACLT	030CONELK7PC0EE	AR	HF	CLT K7	202502510162T010D		+ 03000			0	NS
SUSAP	KUZAK7FI02-Z	I	010CONELK7PC0E	I	IF	IUZAK7	19620127	PI	J	030000250018000		0	NS
SUSAP	KUZAK7FI02-Z	I	020RALLYK7PC0E	F	CF	IUZAK7	1962006601600061PI	H	0250002494		-300UZ	K7PN0	NS
SUSAP	KUZAK7FI02-Z	I	030RW02	K7PG0GY	M	CF	IUZAK7	1962001101600055PI		00707	-300		0
SUSAP	KUZAK7FI02-Z	I	040	0	M	CA		0162		+ 01500		0	NS
SUSAP	KUZAK7FI02-Z	I	050	0	L	VIY		1740				0	NS
SUSAP	KUZAK7FI02-Z	I	060CONELK7PC0EY		CF	CLT K7	2025025120300070D		+ 03000			0	NS
SUSAP	KUZAK7FI02-Z	I	070CONELK7PC0EE	R	HM		0162T010		+ 03000			0	NS

[illegible][illegible][illegible]

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:

I-UZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC Z RWY 2, AMDT 2

3 APRIL 2014

SUP:	ILS OR LOC RWY 2

AMDT: 1A

DATED: 10/21/2010

FLIGHT STANDARDS SERVICES - 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.

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[illegible]

DATED: 10/21/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CLT	CLT	010		IF		FB					
	CLT	CONEL	020		TF		FO				AA 03000	
	CLT	CONEL	030	IAF	HF	R	FO		016.2()	T01.0	AA 03000	
		CONEL	010	FACF	IF		FB				AA 03000	GI 02500
		RALLY	020	FAF	CF		FB		016.0()	006.1	GI 02500	GS 02494
		RW02	030	MAP	CF		FO		016.0()	005.5	AT 00707	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		016.2()		AA 01500	
		050		VI	L	FB		174.0()			
	CONEL	060		CF		FO		203.0()	007.0	AA 03000	
	CONEL	070		HM	R	FO		016.2()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLT	N351125.04	W0805706.31	N3511.417	W08057.105
	IUZA (DME)	N345953.07	W0810313.78	N3459.885	W08103.230
	CONEL	N344723.90	W0810617.27	N3447.398	W08106.288
	RALLY	N345323.91	W0810450.72	N3453.399	W08104.845
	RW02	N345849.49	W0810332.27	N3458.825	W08103.538
	IUZA (LOC)	N345953.53	W0810316.83	N3459.892	W08103.281
	UZ	N345324.09	W0810451.33	N3453.402	W08104.856

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00666	41

CITY AND STATE
ROCK HILL, SCELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELDFACILITY
IDENTIFIER:

I-UZAPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC Z RWY 2, AMDT 2

3 APRIL 2014

SUP: ILS OR LOC RWY 2
AMDT: 1A
DATED: 10/21/2010

FLIGHT STANDARDS SERVICES - FAR PART 97.25

ARINC PACKET - 424-18 - LOC

[illegible]

SUP:	ILS OR LOC RWY 2
AMDT:	1A
DATED:	10/21/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

SUSAP KUZAK7SUZ K7PN

0 18018003825

M

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

SUSAPNKUZAK7 UZ K7002270HOLW N34532409W081045133 W0050 NARRALLY

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:
I-UZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC Z RWY 2, AMDT 2

3 APRIL 2014

SUP: ILS OR LOC RWY 2

AMDT: 1A

DATED: 10/21/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	CLT	CLT	010		IF		FB					
	CLT	CONEL	020		TF		FO				AA 03000	
	CLT	CONEL	030	IAF	HF	R	FO		016.2 ()	T01.0	AA 03000	
		CONEL	010	PACF	IF		FB				AA 03000	
		RALLY	020	PAF	CF		FB		016.0 ()	006.1	AA 02500	
		RW02	030	MAP	CF		FO		016.0 ()	005.5	AT 00707	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		016.2 ()		AA 01500	
			050		VI	L	FB		174.0 ()			
		CONEL	060		CF		FO		203.0 ()	007.0	AA 03000	
		CONEL	070		HM	R	FO		016.2 ()	T01.0	AA 03000	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		CLT		N351125.04		W0805706.31		N3511.417		W08057.105		
		IUZA (DME)		N345953.07		W0810313.78		N3459.885		W08103.230		
		CONEL		N344723.90		W0810617.27		N3447.398		W08106.288		
		RALLY		N345323.91		W0810450.72		N3453.399		W08104.845		
		RW02		N345849.49		W0810332.27		N3458.825		W08103.538		
		IUZA (LOC)		N345953.53		W0810316.83		N3459.892		W08103.281		
		UZ		N345324.09		W0810451.33		N3453.402		W08104.856		
RUNWAY DATA				THRESHOLD								
		RWY		ELEVATION		TCH						
		RW02		00666		41						

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:

I-UZA

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS Z OR LOC Z RWY 2, AMDT 2

3 APRIL 2014

SUP: ILS OR LOC RWY 2
AMDT: 1A
DATED: 10/21/2010

US 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	LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 DIRECT CONEL AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 833 TOWER 345643N/0810436W DISTANCE TO THLD FROM 200 HATH: 0.65 NM. CHART VDP AT 1.23 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 70425 REFERENCE PATH ID: W02A CHART CIRCLING ICON. LTP HAE: 172.5 M											
GUCRE (IAF)	CONEL (NOPT) (FB)	106.11 / 8.00	3000												
TAGCU (IAF)	CONEL (NOPT) (FB)	286.29 / 8.00	3000												
CONEL (IF/IAF)	AZAKA (FB)	016.20 / 6.00	2500												
AZAKA (FAF)	RW02 (MAP) (FO)	016.22 / 5.63													
RW02 (MAP)	1600 MSL	016.22	1600												
1600 MSL	CONEL (FO)		3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S CONEL, RT, 016.20 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 016.22 FAF: AZAKA DIST FAF TO MAP: 5.63 THLD: 5.63 4. MIN. ALT: CONEL 3000, AZAKA 2500 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2500 GS ALT AT: AZAKA 2500 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 40.8 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 5W EPOCH YEAR: 1990											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A		STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	916	1/2	250	916	1/2	250	916	1/2	250	916	1/2	250			
LNAV/VNAV DA	1038	3/4	372	1038	3/4	372	1038	3/4	372	1038	3/4	372			
LNAV MDA	1100	1/2	434	1100	1/2	434	1100	3/4	434	1100	3/4	434			
CIRCLING	1140	1	474	1160	1	494	1340	2	674	1340	2 1/4	674			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING CHARLOTTE/DOUGLAS INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE/DOUGLAS INTL ALTIMETER (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 666 THRE: 666		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
ROCK HILL, SC		AIRPORT NAME: ROCK HILL/YORK CO/BRYANT FIELD				RNAV (GPS) RWY 2, AMDT 2 3 APRIL 2014				AMDT: 1 DATED 08/25/2011					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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NOTES, (CONT.):

SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE AND

LNAV CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VDP NA WITH CHARLOTTE ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	286/30 CW 106/30 (NOPT)	CONEL (IF/IAF) (FB)	3000
2.	106/30 CW 196/30	GUCRE (IAF) (FB)	3200
3.	196/30 CW 286/30	TAGCU (IAF) (FB)	3100

CITY AND STATE
ROCK HILL, SC

ELEVATION: 666 THRE: 666
AIRPORT NAME:
ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 2
3 APRIL 2014

SUP:
AMDT: 1
DATED: 08/25/2011

RNAV 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 KUZA
RUNWAY RW02
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W02A
REFERENCE PATH IDENTIFIER (APPROACH ID) 345849.4935N
LTP/FTP LATITUDE 0810332.2715W
LTP/FTP LONGITUDE +01725
LTP/FTP ELLIPSOIDAL HEIGHT 350017.0280N
FPAP LATITUDE 0810311.1485W
FPAP LONGITUDE 00040.8
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1072
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

8753927C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02031
FPAP ORTHOMETRIC HEIGHT +02031

CITY AND STATE

ROCK HILL, SC

ELEVATION: 666

THRE: 666

AIRPORT NAME:

ROCK HILL/YORK CO/BRYANT FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, AMDT 2

3 APRIL 2014

SUP:

AMDT: 1

DATED: 08/25/2011

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KUZAK7FR02	ACONEL	010CONELK7EA0EE	AR	HF			01620040	+	03000	18000		A	JS
SUSAP KUZAK7FR02	AGUCRE	010GUCREK7EA0E	A	IF						18000		A	JS
SUSAP KUZAK7FR02	AGUCRE	020CONELK7EA0EE	B	010TF			10610080	+	03000			A	JS
SUSAP KUZAK7FR02	ATAGCU	010TAGCUK7EA0E	A	IF						18000		A	JS
SUSAP KUZAK7FR02	ATAGCU	020CONELK7EA0EE	B	010TF			28630080	+	03000			A	JS
SUSAP KUZAK7FR02	R	010CONELK7EA0E	I	IF				+	03000	18000		A	JS
SUSAP KUZAK7FR02	R	020AZAKAK7EA1E	F	051TF			01620060	+	02500			A	JS
SUSAP KUZAK7FR02	R	020AZAKAK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KUZAK7FR02	R	030RW02 K7PG0GY	M	031TF			01620056		00707	-300		A	JS
SUSAP KUZAK7FR02	R	040	0	M	CA		0162	+	01600			A	JS
SUSAP KUZAK7FR02	R	050CONELK7EA0EY	L	DF				+	03000			A	JS
SUSAP KUZAK7FR02	R	060CONELK7EA0EE	R	HM			01620040	+	03000			A	JS

[illegible][illegible]

CITY AND STATE ROCK HILL, SC	ELEVATION: 666 THRE: 666	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 2	SUP:
	AIRPORT NAME: ROCK HILL/YORK CO/BRYANT FIELD			AMDT: 1
				3 APRIL 2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CONEL	CONEL	010	IAF	HF	R	FO		016.2(011.2T)	004.0	AA 03000	
	GUCRE	GUCRE	010	IAF	IF		FB					
	GUCRE	CONEL	020		TF		FB	1.0	106.1(101.1T)	008.0	AA 03000	
	TAGCU	TAGCU	010	IAF	IF		FB					
	TAGCU	CONEL	020		TF		FB	1.0	286.3(281.3T)	008.0	AA 03000	
		CONEL	010	FACF	IF		FB				AA 03000	
		AZAKA	020	FAF	TF		FB	0.5	016.2(011.2T)	006.0	AA 02500	
		RW02	030	MAP	TF		FO	0.3	016.2(011.2T)	005.6	AT 00707	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		016.2(011.2T)		AA 01600	
	CONEL	050		DF	L	FO				AA 03000	
	CONEL	060		HM	R	FO		016.2(011.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AZAKA	N345317.62	W0810452.24	N3453.294	W08104.871
	CONEL	N344723.90	W0810617.27	N3447.398	W08106.288
	GUCRE	N344856.94	W0811549.13	N3448.949	W08115.819
	TAGCU	N344550.11	W0805645.76	N3445.835	W08056.763
	RW02	N345849.49	W0810332.27	N3458.825	W08103.538

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW02	00666	41

CITY AND STATE ROCK HILL, SC	ELEVATION: 666	THRE: 666	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ROCK HILL/YORK CO/BRYANT FIELD		RNAV	RNAV (GPS) RWY 2, AMDT 2	AMDT: 1
				3 APRIL 2014	DATED: 08/25/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

ADDITIONAL FLIGHT DATA:

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

2. _____

3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____

4. MIN. ALT: _____

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

6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____

7. GS ANGLE: _____ TCH: _____

8. MSA FROM: _____

MAG VAR: _____

EPOCH YEAR: _____

TAKEOFF: 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 3 APRIL 2014

CITY AND STATE

LAWRENCEBURG, TN

ELEVATION: 936

TDZE: 936

AIRPORT NAME:

LAWRENCEBURG-LAWRENCE COUNTY

FACILITY

IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

GPS RWY 17, ORIG-A, 08/25/2011

SUP:

AMDT:

ORIG

DATED

7/15/1999

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION SDF STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except 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: 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				
NOTES: PROCEDURE CANCELED EFFECTIVE 3 APRIL 2014																			
CITY AND STATE				ELEVATION: 1545 TDZE: 1531				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
ONEIDA, TN				AIRPORT NAME: SCOTT MUNI				OLC		SDF RWY 23, AMDT 5, 06/10/2004				AMDT 4B					
														DATE 02/08/2002					

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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	LOC: 3.41 MILES AFTER VALTR LOM/I-ELP 5.61 DME OR AT I-ELP 2.20 DME FIX ILS: DA CLIMB TO 4600 THEN CLIMBING LEFT TURN TO 7300 DIRECT ELP VORTAC AND HOLD (TACAN EQUIPPED AIRCRAFT CONTINUE CLIMBING TO 9000 VIA ELP R-058 TO WHOLE INT/ELP 22.7 DME). ADDITIONAL FLIGHT DATA: HOLD E, LT, 261.48 INBOUND. CHART 4077 TOWER 315150N/1061849W. CHART FAS OBST: 4023 POLE 315027N/1062029W CHART: R-5103A. CHART: BIGGS AAF CHART: ASR											
ELP VORTAC	VALTR LOM/I-ELP 5.61 DME	313.33 / 3.23	7300												
EWM VORTAC	VALTR LOM/I-ELP 5.61 DME	190.98 / 5.95	7300												
WHOLE INT/ELP 22.72 DME (IAF)	PIERS INT (NOPT)	259.00 / 11.07 (EWM R-079)	8800												
PIERS INT	PRISO INT	259.00 / 5.67 (EWM R-079)	6600												
PRISO INT (IF)	AGUAS INT/I-ELP 9.04 DME (NOPT)	222.00 / 5.07 (I-ELP)	5900												
AGUAS INT/I-ELP 9.04 DME	VALTR LOM/I-ELP 5.61 DME	222.00 / 3.43 (I-ELP)	5100												
1. PT <u>L</u> SIDE OF COURSE <u>042.00</u> OUTBOUND <u>7100</u> FT WITHIN <u>10</u> MILES OF <u>VALTR LOM*</u> (IAF) 2. *MAINTAIN 7300 OR ABOVE UNTIL ESTABLISHED OUTBOUND FOR PT. 3. FAC: <u>222.00</u> FAF: <u>VALTR LOM/I-ELP 5.61 DME</u> DIST FAF TO MAP: <u>3.41</u> THLD: <u>3.41</u> 4. MIN. ALT: <u>AGUAS 5900, VALTR LOM 5100</u> 5. DIST TO THLD FROM OM: <u>3.41</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1220</u> 6. MIN GS INCPT: <u>5100</u> GS ALT AT: <u>-</u> OM: <u>5100</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.5</u> 8. MSA FROM: <u>ELP VORTAC 340-090 8000, 090-230 7200, 230-340 8400</u>				MAG VAR: 8E EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @							
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22 **	4149	2400	200	4149	2400	200	4149	2400	200	4149	2400	200	4149	2400	200
S-LOC 22	4300	2400	351	4300	2400	351	4300	2400	351	4300	4000	351	4300	4000	351
CIRCLING	4420	1	458	4420	1	458	4420	1 1/2	458	4520	2	558	4660	2 1/2	698
NOTES: CHART PROFILE NOTE: USE I-ELP DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: RADAR REQUIRED WHEN R-5103 IN USE. CHART NOTE: CAT E CIRCLING NOT AUTHORIZED WEST OF AIRPORT. (SEE FORM 8260-10)															
CITY AND STATE				ELEVATION: 3962 TDZE: 3949		FACILITY IDENTIFIER: I-ELP		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
EL PASO, TX				AIRPORT NAME:				ILS OR LOC RWY 22, AMDT 32C				AMDT: 32B			
				EL PASO INTL				3 APRIL 2014				DATED 03/12/2009			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: PROCEDURE TURN NOT AUTHORIZED FOR CAT E AIRCRAFT.

**VIS CAT A/B/C/D RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE S-ILS 22 CAT E VISIBILITY TO RVR 4000 AND S-LOC 22 CAT E VISIBILITY TO RVR 6000.



CITY AND STATE EL PASO, TX	ELEVATION: 3962 TDZE: 3949 AIRPORT NAME: EL PASO INTL	FACILITY IDENTIFIER: I-ELP	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 22, AMDT 32C 3 APRIL 2014	SUP:
				AMDT: 32B
				DATED: 03/12/2009

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC PACKET - 424-18 - ILS

SUSAD	ELP	K4011520VTHW	N31485728W106165478	N31485728W106165478E0120040202	NAREL PASO
SUSAD	EWM	K4011240VTLT	N31570628W106162064	N31570628W106162064E0120040401	NARNEMMAN
SUSAD	KELPK4 IELP	K40111150 IT		IELPN31475872W106241353 039260	NAREL PASO INTL

SUSAEARNRT	PIERS K40	C	L N31565548W106044962	E0084	NAR	PIERS
SUSAEARNRT	PRISO K40	C	L N31570162W106112948	E0084	NAR	PRISO
SUSAEARNRT	WHOLE K40	R	L N31564199W105514950	E0083	NAR	WHOLE

SUSAP KELPK4AELP 0 120YHN31482590W106223490E008003962 1800018000C MNAR EL PASO INTL

SUSAP	KELPK4CAGUAS	K40	C	N31534599W106160369	E0085	NAR	AGUAS
SUSAP	KELPK4CVALTR	K40	C	N31513369W106190880	E0085	NAR	VALTR LOM

SUSAP	KELPK4FI22	AELP	010ELP K4D OV	IF				18000		0 NS
SUSAP	KELPK4FI22	AELP	020VALTRK4PCOE	TF		+ 07300				0 NS
SUSAP	KELPK4FI22	AELP	030VALTRK4PCOEE AR	PI IELPK4	0420005635700100PI	+ 07100				0 NS
SUSAP	KELPK4FI22	AEWM	010EWM K4D OV	IF				18000		0 NS
SUSAP	KELPK4FI22	AEWM	020VALTRK4PCOE	TF		+ 07300				0 NS
SUSAP	KELPK4FI22	AEWM	030VALTRK4PCOEE AR	PI IELPK4	0420005635700100PI	+ 07100				0 NS
SUSAP	KELPK4FI22	AWHOLE	010WHOLEK4EAOE A	IF				18000		0 NS
SUSAP	KELPK4FI22	AWHOLE	020PIERSK4EAOE	TF		+ 08800				0 NS
SUSAP	KELPK4FI22	AWHOLE	030PRISOK4EAOE B	TF		+ 06600				0 NS
SUSAP	KELPK4FI22	AWHOLE	040AGUASK4PCOEE	CF IELPK4	0420009122200051PI	+ 05900				0 NS
SUSAP	KELPK4FI22	I	010AGUASK4PCOE I	IF IELPK4	04200091 PI	J 059000510018000				0 NS
SUSAP	KELPK4FI22	I	020VALTRK4PCOE F	CF IELPK4	0420005622200034PI	H 0510005100	-300ELP	K4D		0 NS
SUSAP	KELPK4FI22	I	030RW22 K4PGOGY M	CF IELPK4	0420002222200034PI	04004	-300			0 NS
SUSAP	KELPK4FI22	I	040 0 M	CA	2220	+ 04600				0 NS
SUSAP	KELPK4FI22	I	050ELP K4D OVV L	DF		+ 07300				0 NS
SUSAP	KELPK4FI22	I	060ELP K4D OVE L	HM	2615T010	+ 07300				0 NS

SUP:	
AMDT:	32B
DATED:	03/12/2009

FLIGHT STANDARDS SERVICES - FAR PART 97.29

[illegible]

Page 4 of 8 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ELP	ELP	010		IF		FB					
	ELP	VALTR	020		TF		FB				AA 07300	
	ELP	VALTR	030	IAF	PI	R	FB		357.0 ()	010.0	AA 07100	
	EWM	EWM	010		IF		FB					
	EWM	VALTR	020		TF		FB				AA 07300	
	EWM	VALTR	030	IAF	PI	R	FB		357.0 ()	010.0	AA 07100	
	WHOLE	WHOLE	010	IAF	IF		FB					
	WHOLE	PIERS	020		TF		FB				AA 08800	
	WHOLE	PRISO	030		TF		FB				AA 06600	
	WHOLE	AGUAS	040		CF		FB		222.0 ()	005.1	AA 05900	
		AGUAS	010	FACF	IF		FB				AA 05900 GI 05100	
		VALTR	020	FAF	CF		FB		222.0 ()	003.4	GI 05100 GS 05100	
		RW22	030	MAP	CF		FO		222.0 ()	003.4	AT 04004	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		222.0 ()		AA 04600	
	ELP	050		DF	L	FO				AA 07300	
	ELP	060		HM	L	FO		261.5 ()	T01.0	AA 07300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELP	N314857.28	W1061654.78	N3148.955	W10616.913
	EWM	N315706.28	W1061620.64	N3157.105	W10616.344
	IELP (DME)	N314758.72	W1062413.53	N3147.979	W10624.226
	PIERS	N315655.48	W1060449.62	N3156.925	W10604.827
	PRISO	N315701.62	W1061129.48	N3157.027	W10611.491
	WHOLE	N315641.99	W1055149.50	N3156.700	W10551.825
	AGUAS	N315345.99	W1061603.69	N3153.767	W10616.062
	VALTR	N315133.69	W1061908.80	N3151.562	W10619.147
	RW22	N314922.01	W1062212.78	N3149.367	W10622.213
	IELP (LOC)	N314755.92	W1062412.90	N3147.932	W10624.215

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	03949	55



CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3949	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			ILS OR LOC RWY 22, AMDT 32C	AMDT: 32B
	EL PASO INTL	I-ELP	3 APRIL 2014	DATED: 03/12/2009	

FLIGHT STANDARDS SERVICES - FAR PART 97.25

ARINC PACKET - 424-18 - LOC

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FL22	AELP	010ELP	K4D 0V	IF					18000		0	NS
SUSAP	KELPK4FL22	AELP	020VALTRK4PC0E		TF			+ 07300				0	NS
SUSAP	KELPK4FL22	AELP	030VALTRK4PC0EE	AR	PI	IELPK4	0420005635700100PI	+ 07100				0	NS
SUSAP	KELPK4FL22	AEWM	010EWM	K4D 0V	IF					18000		0	NS
SUSAP	KELPK4FL22	AEWM	020VALTRK4PC0E		TF			+ 07300				0	NS
SUSAP	KELPK4FL22	AEWM	030VALTRK4PC0EE	AR	PI	IELPK4	0420005635700100PI	+ 07100				0	NS
SUSAP	KELPK4FL22	AWHOLE	010WHOLEK4EA0E	A	IF					18000		0	NS
SUSAP	KELPK4FL22	AWHOLE	020PIERSK4EA0E		TF			+ 08800				0	NS
SUSAP	KELPK4FL22	AWHOLE	030PRISOK4EA0E	B	TF			+ 06600				0	NS
SUSAP	KELPK4FL22	AWHOLE	040AGUASK4PC0EE		CF	IELPK4	0420009122200051PI	+ 05900				0	NS
SUSAP	KELPK4FL22	L	010AGUASK4PC0E	I	IF	IELPK4	04200091	PI	+ 05900	18000		0	NS
SUSAP	KELPK4FL22	L	020VALTRK4PC0E	F	CF	IELPK4	0420005622200034PI	+ 05100			ELP	K4D	0 NS
SUSAP	KELPK4FL22	L	030RW22	K4PGOGY	M	CF	IELPK4	042000222200034PI	04004		-304		0 NS
SUSAP	KELPK4FL22	L	040	0	M	CA	2220	+ 04600				0	NS
SUSAP	KELPK4FL22	L	050ELP	K4D 0VY	L	DF		+ 07300				0	NS
SUSAP	KELPK4FL22	L	060ELP	K4D 0VE	L	HM	2615T010	+ 07300				0	NS

SUP:	
AMDT:	32B
DATED:	03/12/2009

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible]

SUP:	
AMDT:	32B
DATED:	03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ELP	ELP	010		IF		FB					
	ELP	VALTR	020		TF		FB				AA 07300	
	ELP	VALTR	030	IAF	PI	R	FB		357.0 ()	010.0	AA 07100	
	EWM	EWM	010		IF		FB					
	EWM	VALTR	020		TF		FB				AA 07300	
	EWM	VALTR	030	IAF	PI	R	FB		357.0 ()	010.0	AA 07100	
	WHOLE	WHOLE	010	IAF	IF		FB					
	WHOLE	PIERS	020		TF		FB				AA 08800	
	WHOLE	PRISO	030		TF		FB				AA 06600	
	WHOLE	AGUAS	040		CF		FB		222.0 ()	005.1	AA 05900	
		AGUAS	010	FACF	IF		FB				AA 05900	
		VALTR	020	FAF	CF		FB		222.0 ()	003.4	AA 05100	
		RW22	030	MAP	CF		FO		222.0 ()	003.4	AT 04004	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		222.0 ()		AA 04600	
	ELP	050		DF	L	FO				AA 07300	
	ELP	060		HM	L	FO		261.5 ()	T01.0	AA 07300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELP	N314857.28	W1061654.78	N3148.955	W10616.913
	EWM	N315706.28	W1061620.64	N3157.105	W10616.344
	IELP (DME)	N314758.72	W1062413.53	N3147.979	W10624.226
	PIERS	N315655.48	W1060449.62	N3156.925	W10604.827
	PRISO	N315701.62	W1061129.48	N3157.027	W10611.491
	WHOLE	N315641.99	W1055149.50	N3156.700	W10551.825
	AGUAS	N315345.99	W1061603.69	N3153.767	W10616.062
	VALTR	N315133.69	W1061908.80	N3151.562	W10619.147
	RW22	N314922.01	W1062212.78	N3149.367	W10622.213
	IELP (LOC)	N314755.92	W1062412.90	N3147.932	W10624.215

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	03949	55



CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3949	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			ILS OR LOC RWY 22, AMDT 32C	AMDT: 32B
	EL PASO INTL		I-ELP	3 APRIL 2014	DATED: 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: WONSU/I-ETF 0.48 DME							
KANTR/I-ETF 10.81 DME/RADAR (IF/IAF)		EKOGE/I-ETF 7.81 DME/RADAR		041.99 / 3.00 (I-ETF)				6600		CLIMB TO 4500 THEN CLIMBING RIGHT TURN TO 6900 DIRECT ELP VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6900.							
EKOGE/I-ETF 7.81 DME/RADAR		LATIN/I-ETF 4.81 DME/RADAR		041.99 / 3.00 (I-ETF)				5800									
										ADDITIONAL FLIGHT DATA: HOLD E, LT, 261.48 INBOUND. CHART: 4236 TOWER 314423N/1062841W CHART FAS OBST: 3964 LIGHT POLE 314805N/1062415W LATIN TO RW04: 3.42/55. CHART: ASR CHART: BIGGS AAF							
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KANTR/I-ETF 10.81 DME/RADAR 3. FAC 041.99 FAF LATIN/I-ETF 4.81 DME/RADAR DIST FAF TO MAP _____ THLD 5.04 4. MIN. ALT KANTR 7500, EKOGE 6600, LATIN 5800 8. MSA FROM: ELP VORTAC 340-090 8000, 090-230 7200, 230-340 8400														MAG VAR: 8E		EPOCH YEAR: 2015	
MINIMUMS																	
TAKEOFF: 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-04	4300	5000	377	4300	5000	377	4300	5000	377	4300	6000	377					
CIRCLING	4420	1	461	4460	1	501	4460	1 1/2	501	4520	2	561					
NOTES: CHART PLANVIEW NOTE: RADAR REQUIRED. CHART PROFILE NOTE: DISREGARD GS INDICATIONS. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.																	
CITY AND STATE		ELEVATION: 3962 TDZE: 3923		FACILITY IDENTIFIER: I-ETF		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP							
EL PASO, TX		AIRPORT NAME:		EL PASO INTL		LOC/DME RWY 4, AMDT 3A				3 APRIL 2014		AMDT 3					
										DATE		01/13/2011					

FLIGHT STANDARDS SERVICES - FAR PART 97.25

ARINC PACKET - 424-18 - LOC

[illegible]

CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3923	FACILITY IDENTIFIER: I-ETF	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: LOC/DME RWY 4, AMDT 3A	SUP:
	AIRPORT NAME: EL PASO INTL				AMDT: 3
				3 APRIL 2014	DATED: 01/13/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	KANTR	KANTR	010	IAF	IF		FB				AA 07500	
	KANTR	EKOGE	020		CF		FB		042.0 ()	003.0	AA 06600	
		EKOGE	010	FACF	IF		FB				AA 06600	
		LATIN	020	FAF	CF		FB		042.0 ()	003.0	AA 05800	
		WONSU	030	MAP	CF		FO		042.0 ()	004.3	AT 04226	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		042.0 ()		AA 04500	
	ELP	050		DF		FO				AA 06900	
	ELP	060		HM	L	FO		261.5 ()	T01.0	AA 06900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELP	N314857.28	W1061654.78	N3148.955	W10616.913
	EKOGE	N314254.55	W1063112.63	N3142.909	W10631.211
	KANTR	N314058.46	W1063353.97	N3140.974	W10633.900
	LATIN	N314450.71	W1062831.01	N3144.845	W10628.517
	WONSU	N314738.50	W1062437.20	N3147.642	W10624.620
	RW04	N314805.56	W1062359.46	N3148.093	W10623.991
	IETF (LOC)	N314928.45	W1062203.80	N3149.474	W10622.063

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	03917	55

CITY AND STATE
EL PASO, TXELEVATION: 3962 TDZE: 3923
AIRPORT NAME:
EL PASO INTLFACILITY
IDENTIFIER:
I-ETFPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
LOC/DME RWY 4, AMDT 3A

3 APRIL 2014

SUP:

AMDT: 3

DATED: 01/13/2011

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

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

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

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

RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES (Sectors and distances measured from radar antenna)												MISSED APPROACH			
FROM	T O	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:			
												RWY 4, 22, 26L: THLD			
As established by the current EL PASO ASR Minimum Vectoring Altitude Chart.												RWY 4: CLIMBING RIGHT TURN TO 6900 DIRECT ELP VORTAC AND HOLD E. LT, 261.48 INBOUND, CONTINUE CLIMB-IN-HOLD TO 6900.			
												RWY 22: CLIMB TO 4800, THEN CLIMBING LEFT TURN TO 6900 DIRECT ELP VORTAC AND HOLD E. LT, 261.48 INBOUND, CONTINUE CLIMB-IN-HOLD TO 6900.			

MINIMUMS

TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	# STANDARD					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-4	4400	5500	483	4400	5500	483	4400	1 3/8	483	4400	1 3/8	483	4400	1 3/8	483
S-22	4320	2400	371	4320	2400	371	4320	3500	371	4320	3500	371	4320	3500	371
S-26L	4400	3/4	438	4400	3/4	438	4400	3/4	438	4400	3/4	438	4400	3/4	438
CIRCLING	4420	1	458	4460	1	498	4460	1 1/2	498	4540	2	578	4660	2 1/2	698

NOTES:

RWY 4: 11 MILES FROM THRESHOLD, MINIMUM ALTITUDE 7500; 8 MILES FROM THRESHOLD, MINIMUM ALTITUDE 6600. FAF 5 MILES FROM THRESHOLD, MINIMUM ALTITUDE 5700; MINIMUM ALTITUDE 3 MILE FIX 5000; FINAL APPROACH COURSE 041.95. RECOMMENDED ALTITUDE: 4 MILES 5360, 2 MILES 4660.

RWY 22: 10 MILES FROM THRESHOLD, MINIMUM ALTITUDE 7000. FAF 5 MILES FROM THRESHOLD, MINIMUM ALTITUDE 5500, MINIMUM ALTITUDE 3 MILE FIX 4900; FINAL APPROACH COURSE 222.04. RECOMMENDED ALTITUDE: 4 MILES 5200, 2 MILES 4620, 1 MILE 4320.

RWY 26L: 10 MILES FROM THRESHOLD, MINIMUM ALTITUDE 7000. FAF 5 MILES FROM THRESHOLD, MINIMUM ALTITUDE 5500, MINIMUM ALTITUDE 3 MILE FIX 4920; FINAL APPROACH COURSE 265.36. RECOMMENDED ALTITUDE: 4 MILES 5200, 2 MILES 4620. (SEE FORM 8260-10) # CAT E 800-2 1/2

LOST COMMUNICATIONS (ALL RWYS): As directed by ATC on initial contact.

ADDITIONAL FLIGHT DATA

THRE: 3917	RWY: 4	THRE: 3949	RWY: 22
THRE: 3962	RWY: 26L	THRE:	RWY:

FAS OBST:

RWY 4: 4119 TOWER 314626N/1062419W
RWY 22: 4044 LIGHT POLE 315045N/1061852W
RWY 26L: 4137 TANK 314837N/1061759W

MAG VAR: 8E EPOCH YEAR: 2015

CITY AND STATE	ELEVATION: 3962	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
EL PASO, TX	AIRPORT NAME: EL PASO INTL	ELP ASR	RADAR-1, AMDT 15A 3 APRIL 2014	AMDT: 15
				DATED: 10/17/13

RADAR-1

INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES

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

RWY 26L MISSED APPROACH (CONT):

CLIMB TO 4500, THEN CLIMBING RIGHT TURN TO 6900 DIRECT ELP VORTAC AND HOLD E, LT. 261.48 INBOUND, CONTINUE CLIMB-IN-HOLD TO 6900.

NOTES (CONT.):

CHART NOTE: CIRCLING NA FOR CATS D AND E WEST OF RWY 4-22.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-22 CAT C/D/E VISIBILITY TO RVR 5500; INCREASE S-26L CAT A/B VISIBILITY TO 1 MILE AND CAT E VISIBILITY TO 1 1/4 MILES.

CHART NOTE: CAUTION: STEEPLY RISING TERRAIN 4.5 NM WEST OF AIRPORT.



CITY AND STATE	ELEVATION: 3962 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
EL PASO, TX	AIRPORT NAME: EL PASO INTL	ELP ASR	RADAR-1, AMDT 15A 3 APRIL 2014	AMDT: 15
				DATED: 10/17/13

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	LNAV: RW26R CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. CHART FAS OBST: 4137 TANK 314837N/1061759W CHART BIGGS AAF. CHART VDP AT 1.27 MILES TO RW26R. HODAK TO RW26R: 3.03/40. CHART:ASR							
FABAN (IAF)	BUSEY (FB)			284.91 / 11.64			6900								
PIERS (IAF)	BUSEY (FB)			192.10 / 10.12			6900								
BUSEY (IF)	HODAK (FB)			271.23 / 6.74			5200								
HODAK (FAF)	RW26R (MAP) (FO)			260.38 / 3.76											
RW26R (MAP)	4362 MSL			260.38											
4362 MSL	FABAN (FO)						7500								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT BUSEY 3. FAC: <u>260.38</u> FAF: <u>HODAK</u> DIST FAF TO MAP: <u>3.76</u> THLD: <u>3.76</u> 4. MIN. ALT: <u>BUSEY 6900, HODAK 5200</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: 34:1 IS NOT CLEAR 8. MSA FROM: RW26R 9000								MAG VAR: 8E EPOCH YEAR: 2015							
MINIMUMS															
TAKEOFF: 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	4400	1	449	4400	1	449	4400	1 1/4	449	4400	1 1/2	449			
CIRCLING	4420	1	458	4420	1	458	4420	1 1/2	458	4520	2	558			
NOTES: CHART NOTE:DME/DME RNP-0.3 NA. CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.															
CITY AND STATE EL PASO, TX				ELEVATION: 3962 TDZE: 3951 AIRPORT NAME: EL PASO INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26R, ORIG-A 3 APRIL 2014				SUP: AMDT: ORIG DATED 01/23/2003	



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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FR26R	AFABAN	010FABANK4EA0E	A	IF				18000			B	JS
SUSAP	KELPK4FR26R	AFABAN	020BUSEYK4EA0EE	B	010TF		28490116	+	06900			B	JS
SUSAP	KELPK4FR26R	APIERS	010PIERSK4EA0E	A	IF				18000			B	JS
SUSAP	KELPK4FR26R	APIERS	020BUSEYK4EA0EE	B	010TF		19210101	+	06900			B	JS
SUSAP	KELPK4FR26R	R	010BUSEYK4EA0E	I	IF			+	06900	18000		B	JS
SUSAP	KELPK4FR26R	R	020HODAKK4EA1E	F	051TF		27120067	+	05200		RW26R K4PGB	JS	
SUSAP	KELPK4FR26R	R	020HODAKK4EA2WN			N	ALNAV					JS	
SUSAP	KELPK4FR26R	R	030RW26RK4PG0GY	M	031TF		26040038		03989	-303		B	JS
SUSAP	KELPK4FR26R	R	040		0 M	CA	2604	+	04362			B	JS
SUSAP	KELPK4FR26R	R	050FABANK4EA0EY	R	DF			+	07500			B	JS
SUSAP	KELPK4FR26R	R	060FABANK4EA0EE	L	HM		28490070	+	07500			B	JS

[illegible][illegible]

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



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	FABAN	FABAN	010	IAF	IF		FB					
	FABAN	BUSEY	020		TF		FB	1.0	284.9 (292.9T)	011.6	AA 06900	
	PIERS	PIERS	010	IAF	IF		FB					
	PIERS	BUSEY	020		TF		FB	1.0	192.1 (200.1T)	010.1	AA 06900	
		BUSEY	010	FACF	IF		FB				AA 06900	
		HODAK	020	FAF	TF		FB	0.5	271.2 (279.2T)	006.7	AA 05200	
		RW26R	030	MAP	TF		FO	0.3	260.4 (268.4T)	003.8	AT 03989	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		260.4 (268.4T)		AA 04362	
	FABAN	050		DF	R	FO				AA 07500	
	FABAN	060		HM	L	FO		284.9 (292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUSEY	N314723.87	W1060854.52	N3147.398	W10608.909
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	HODAK	N314828.65	W1061643.03	N3148.478	W10616.717
	PIERS	N315655.48	W1060449.62	N3156.925	W10604.827
	RW26R	N314822.17	W1062107.77	N3148.370	W10621.130

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26R	03949	40



CITY AND STATE EL PASO, TX	ELEVATION: 3962 TDZE: 3951	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 26R, ORIG-A 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL			AMDT: ORIG
				DATED: 01/23/2003

US 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				
KANTR (IF)	EKOGE (FB)	041.90 / 3.00	6600	LNAV: RW04			
EKOGE	LATIN (FB)	041.93 / 3.00	5800				
LATIN (FAF)	HOLAG/1.70 NM TO RW04 (FB)	041.95 / 3.34		CLIMB TO 6900 DIRECT WAHYU AND ON TRACK 099.19 TO ELP VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6900.			
HOLAG/1.70 NM TO RW04	RW04 (MAP) (FO)	041.95 / 1.70					
RW04 (MAP)	4320 MSL	041.95					
4320 MSL	WAHYU (FB)			ADDITIONAL FLIGHT DATA: HOLD E, LT, 261.48 INBOUND. CHART FAS OBST: 4035 TANK 314749N/1062510W CHART VDP AT 1.09 MILES TO RW04. LATIN TO RW04: 3.42/55. CHART: BIGGS AAF CHART: ASR			
WAHYU	ELP VORTAC (FO)	099.19/ 3.83	6900				

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)							
2. PROFILE STARTS AT KANTR							
3. FAC: 041.95 FAF: LATIN DIST FAF TO MAP: 5.04 THLD: 5.04							
4. MIN. ALT: KANTR 7500, EKOGE 6600, LATIN 5800, HOLAG/1.70 NM TO RW04 4580							
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: RW04 8900							

MINIMUMS															
TAKEOFF: 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	4320	5500	403	4320	5500	403	4320	6000	403	4320	6000	403			
CIRCLING	4420	1	458	4460	1	498	4460	1 1/2	498	4520	2	558			

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

CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3917	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) X RWY 4, ORIG-B 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL			AMDT: ORIG-A
				DATED 05/31/2012

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

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ARINC PACKET - 424-18 - RNAV (GPS)

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	ELP	K4011520VTHWNN31485728W106165478	N31485728W106165478E0120040202	NAREL PASO									

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SLAMEAENRT	EKOGE MM0	C	N31425455W106311263	E0086	NAR	EKOGE							
SLAMEAENRT	KANTR MM0	C	N31405846W106335397	E0086	NAR	KANTR							
SLAMEAENRT	LATIN MM0	C	N31445071W106283101	E0086	NAR	LATIN							
SUSAEENRT	HOLAG K40	W	N31465983W106253112	E0086	NAR	HOLAG							
SUSAEENRT	WAHYU K40	W	N31500537W106211223	E0086	NAR	WAHYU							

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4AELP	0	120YHN31482590W106223490E008003962	1800018000C	MNAR	EL PASO INTL								

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4FR04-X R	010KANTRMMEA0E	I	IF										
SUSAP KELPK4FR04-X R	011EKOGEEMMEA0E	S	051TF				04190030	+	07500	18000			B JS
SUSAP KELPK4FR04-X R	020LATINMMEA1E	F	051TF				04190030	+	06600				B JS
SUSAP KELPK4FR04-X R	020LATINMMEA2WN			N	ALNAV						RW04	K4PGB	JS
SUSAP KELPK4FR04-X R	021HOLAGK4EA0E	S	031TF				04200033	V	0458004592				JS
SUSAP KELPK4FR04-X R	030RW04 K4PGOGY	M	031TF				04200017		03972				B JS
SUSAP KELPK4FR04-X R	040	0	M	CA			0420	+	04320				B JS
SUSAP KELPK4FR04-X R	050WAHYUK4EA0E		DF										B JS
SUSAP KELPK4FR04-X R	060ELP K4D	OVY	010TF				0992	+	06900				B JS
SUSAP KELPK4FR04-X R	070ELP K4D	OVE	L	HM			26150070	+	06900				B JS

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4GRW04	0120200420	N31480556W106235946+0300	+1169803917000055150RIETFO										

MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4SRW04 K4PG	0	18018008925											M

CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3917	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS) X RWY 4, ORIG-B	AMDT: ORIG-A
	EL PASO INTL		RNAV	3 APRIL 2014	DATED: 05/31/2012

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		KANTR	010	FACF	IF		FB				AA 07500	
		EKOGE	011	SDF	TF		FB	0.5	041.9 (049.9T)	003.0	AA 06600	
		LATIN	020	FAF	TF		FB	0.5	041.9 (049.9T)	003.0	AA 05800	
		HOLAG	021	SDF	TF		FB	0.3	042.0 (050.0T)	003.3	AA 04580 GS 04592	
		RW04	030	MAP	TF		FO	0.3	042.0 (050.0T)	001.7	AT 03972	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		042.0 (050.0T)		AA 04320	
	WAHYU	050		DF		FB					
	ELP	060		TF		FO	1.0	099.2 (107.2T)		AA 06900	
	ELP	070		HM	L	FO		261.5 (269.5T)	007.0	AA 06900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELP	N314857.28	W1061654.78	N3148.955	W10616.913
	EKOGE	N314254.55	W1063112.63	N3142.909	W10631.211
	KANTR	N314058.46	W1063353.97	N3140.974	W10633.900
	LATIN	N314450.71	W1062831.01	N3144.845	W10628.517
	HOLAG	N314659.83	W1062531.12	N3146.997	W10625.519
	WAHYU	N315005.37	W1062112.23	N3150.090	W10621.204
	RW04	N314805.56	W1062359.46	N3148.093	W10623.991

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW04	03917	55

CITY AND STATE
EL PASO, TX

ELEVATION: 3962 TDZE: 3917
 AIRPORT NAME:
 EL PASO INTL

FACILITY
IDENTIFIER:
 RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
 RNAV (GPS) X RWY 4, ORIG-B

3 APRIL 2014

SUP:	
AMDT:	ORIG-A
DATED:	05/31/2012

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			LNAV/VNAV: DA LNAV: RW22 CLIMB TO 4600 DIRECT PUDRE AND CLIMBING LEFT TURN TO 6900 ON TRACK 073.74 TO ELP VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 261.48 INBOUND. CHART FAS OBST: 4008 ANT 315424N/1061548W CHART FAS OBST: 4035 TWR 315028N/1062141W DISTANCE TO THLD FROM 324 HAT: 0.85 NM. CHART VDP AT 0.88 MILES TO RW22* *LNAV ONLY. CHART: ASR CHART: BIGGS AAF					
WHOLE	PIERS (FB)			263.22 / 11.07			8800								
PIERS (IAF)	PRISO (FB)			263.06 / 5.67			6600								
PRISO (IF)	AGUAS (FB)			222.11 / 5.07			5900								
AGUAS	VALTR LOM (FB)			222.11 / 3.43			5100								
VALTR LOM (FAF)	RW22 (MAP) (FO)			222.04 / 3.41											
RW22 (MAP)	4273 MSL			222.04											
4273 MSL	PUDRE (FB)														
PUDRE	ELP VORTAC (FO)			073.74 / 6.11			6900								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT PRISO 3. FAC: 222.04 FAF: VALTR LOM DIST FAF TO MAP: 3.41 THLD: 3.41 4. MIN. ALT: PRISO 6600, AGUAS 5900, VALTR LOM 5100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5100 GS ALT AT: VALTR LOM 5100 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS CLEAR 8. MSA FROM: RW22 8900										MAG VAR: 8E EPOCH YEAR: 2015					
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	4273	2400	324	4273	2400	324	4273	2400	324	4273	4000	324			
LNAV MDA	4300	2400	351	4300	2400	351	4300	2400	351	4300	5000	351			
CIRCLING	4420	1	458	4420	1	458	4420	1 1/2	458	4520	2	558			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C (16F) OR ABOVE 50C (122F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV CAT D VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.															
CITY AND STATE EL PASO, TX				ELEVATION: 3962 TDZE: 3949 AIRPORT NAME: EL PASO INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 22, ORIG-D 3 APRIL 2014				SUP: AMDT: ORIG-C DATED 08/25/2011	



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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FR22-Y	AWHOLE	010WHOLEK4EA0E	IF						18000		A JS	
SUSAP	KELPK4FR22-Y	AWHOLE	020PIERSK4EA0E	A 020TF			26320111	+	08800			A JS	
SUSAP	KELPK4FR22-Y	AWHOLE	030PRISOK4EA0EE	B 010TF			26310057	+	06600			A JS	
SUSAP	KELPK4FR22-Y	R	010PRISOK4EA0E	I IF						18000		A JS	
SUSAP	KELPK4FR22-Y	R	011AGUASK4EA0E	S 051TF			22210051	+	05900			A JS	
SUSAP	KELPK4FR22-Y	R	020ELP K4D 1V	F 051TF			22210034	+	05100		RW22	K4PGA	JS
SUSAP	KELPK4FR22-Y	R	020ELP K4D 2WN		ALNAV/VNAV	ALNAV							JS
SUSAP	KELPK4FR22-Y	R	030RW22 K4PG0GY	M 031TF			22200034		04003	-300		A JS	
SUSAP	KELPK4FR22-Y	R	040	0 M CA			2220	+	04273			A JS	
SUSAP	KELPK4FR22-Y	R	050PUDREK4EA0E	DF				+	04600			A JS	
SUSAP	KELPK4FR22-Y	R	060ELP K4D 0VY	L010TF			0737	+	06900			A JS	
SUSAP	KELPK4FR22-Y	R	070ELP K4D 0VE	L HM			26150070	+	06900			A JS	

[illegible][illegible]

CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3949	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: EL PASO INTL			RNAV (GPS) Y RWY 22, ORIG-D	AMDT: ORIG-C
				3 APRIL 2014	DATED: 08/25/2011

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	WHOLE	WHOLE	010		IF		FB					
	WHOLE	PIERS	020	IAF	TF		FB	2.0	263.2 (271.2T)	011.1	AA 08800	
	WHOLE	PRISO	030		TF		FB	1.0	263.1 (271.1T)	005.7	AA 06600	
		PRISO	010	FACF	IF		FB				AA 06600	
		AGUAS	011	SDF	TF		FB	0.5	222.1 (230.1T)	005.1	AA 05900	
		ELP	020	FAF	TF		FB	0.5	222.1 (230.1T)	003.4	AA 05100	
		RW22	030	MAP	TF		FO	0.3	222.0 (230.0T)	003.4	AT 04003	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		222.0 (230.0T)		AA 04273	
	PUDRE	050		DF		FB				AA 04600	
	ELP	060		TF	L	FO	1.0	073.7 (081.7T)		AA 06900	
	ELP	070		HM	L	FO		261.5 (269.5T)	007.0	AA 06900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ELP	N314857.28	W1061654.78	N3148.955	W10616.913
	AGUAS	N315345.99	W1061603.69	N3153.767	W10616.062
	PIERS	N315655.48	W1060449.62	N3156.925	W10604.827
	PRISO	N315701.62	W1061129.48	N3157.027	W10611.491
	PUDRE	N314804.71	W1062400.66	N3148.079	W10624.011
	WHOLE	N315641.99	W1055149.50	N3156.700	W10551.825
	RW22	N314922.01	W1062212.78	N3149.367	W10622.213

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	03949	55

CITY AND STATE EL PASO, TX	ELEVATION: 3962	TDZE: 3949	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: EL PASO INTL		RNAV	RNAV (GPS) Y RWY 22, ORIG-D	AMDT: ORIG-C
				3 APRIL 2014	DATED: 08/25/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FABAN (IAF)	BUSEY (FB)	284.91 / 11.64	6900	LP: WANUN LNAV: WANUN
PIERS (IAF)	BUSEY (FB)	192.10 / 10.12	6900	
BUSEY (IF)	HOWRD (FB)	265.43 / 7.10	5200	CLIMB TO 4380 THEN CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD.
HOWRD (FAF)	GUVNE/1.00 NM TO WANUN (FB)	265.36 / 2.02		
GUVNE/1.00 NM TO WANUN	WANUN (MAP) (FO)	265.36 / 1.00		ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. CHART FAS OBST: 4028 LT SUPPORT STRUCTURE 314810N/1062000W CHART FAS OBST: 4084 TREE 314743N/1062136W CHART: 4050 TWR 314751N/1061949W CHART: ASR. CHART BIGGS AAF. WAAS CHANNEL # 40223 REFERENCE PATH ID: W26A HOWRD TO RW26L: 3.00/55. LTP HAE: 1183.3 M
WANUN (MAP)	4380 MSL	265.36	4380	
4380 MSL	FABAN (FO)		7500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT BUSEY
- FAC: 265.36 FAF: HOWRD DIST FAF TO MAP: 3.02 THLD: 3.72
- MIN. ALT: BUSEY 6900, GUVNE/1.00 NM TO WANUN 4540
- 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: WANUN 8500

MAG VAR: 8E

EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: 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
LP MDA	4280	3/4	318	4280	3/4	318	4280	3/4	318	4280	3/4	318			
LNAV MDA	4380	3/4	418	4380	3/4	418	4380	3/4	418	4380	3/4	418			
CIRCLING	4420	1	458	4420	1	458	4420	1 1/2	458	4520	2	558			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIERS ON V560 EASTBOUND.

QUALITY
9
CHECKED

CITY AND STATE EL PASO, TX	ELEVATION: 3962 TDZE: 3962 AIRPORT NAME: EL PASO INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 26L, AMDT 1A 3 APRIL 2014	SUP:
				AMDT: 1
				DATED 02/09/2012

RNAV 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 KELP
RUNWAY RW26L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W26A
LTP/FTP LATITUDE 314802.1960N
LTP/FTP LONGITUDE 1062134.7430W
LTP/FTP ELLIPSOIDAL HEIGHT +11833
FPAP LATITUDE 314807.3500N
FPAP LONGITUDE 1062319.1300W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 0.0

CRC REMAINDER

A1934A0E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +12075
FPAP ORTHOMETRIC HEIGHT +12075

CITY AND STATE

EL PASO, TX

ELEVATION: 3962

TDZE: 3962

AIRPORT NAME:

EL PASO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 26L, AMDT 1A

3 APRIL 2014

SUP:

AMDT: 1

DATED: 02/09/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KELPK4FR26LY	AFABAN	010FABANK4EA0E	A	IF					18000		A	JS
SUSAP	KELPK4FR26LY	AFABAN	020BUSEYK4EA0EE	B	010TF		28490116		+ 06900			A	JS
SUSAP	KELPK4FR26LY	APIERS	010PIERSK4EA0E	A	IF					18000		A	JS
SUSAP	KELPK4FR26LY	APIERS	020BUSEYK4EA0EE	B	010TF		19210101		+ 06900			A	JS
SUSAP	KELPK4FR26LY	R	010BUSEYK4EA0E	I	IF				+ 06900	18000		A	JS
SUSAP	KELPK4FR26LY	R	020HOWRDK4EA1E	F	051TF		26540071		+ 05200		WANUN	K4EAA	JS
SUSAP	KELPK4FR26LY	R	020HOWRDK4EA2WALP			N	ALNAV						JS
SUSAP	KELPK4FR26LY	R	021GUVNEK4EA0E	S	031TF		26540020		V 0454004558		-300		A JS
SUSAP	KELPK4FR26LY	R	030WANUNK4EA0EY	M	031TF		26540010		04325		-300		A JS
SUSAP	KELPK4FR26LY	R	040	0	M	CA	2654		+ 04380				A JS
SUSAP	KELPK4FR26LY	R	050FABANK4EA0EY	R	DF				+ 07500				A JS
SUSAP	KELPK4FR26LY	R	060FABANK4EA0EE	L	HM		28490070		+ 07500				A JS

[illegible][illegible][illegible]

SUP:	
AMDT:	1
DATED:	02/09/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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.

SUSAP KELPK4SWANUNK4EA

0 18018008525

M



CITY AND STATE
EL PASO, TX

ELEVATION: 3962 TDZE: 3962
AIRPORT NAME:
EL PASO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) Y RWY 26L, AMDT 1A
3 APRIL 2014

SUP:
AMDT: 1
DATED: 02/09/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FABAN	FABAN	010	IAF	IF		FB					
	FABAN	BUSEY	020		TF		FB	1.0	284.9 (292.9T)	011.6	AA 06900	
	PIERS	PIERS	010	IAF	IF		FB					
	PIERS	BUSEY	020		TF		FB	1.0	192.1 (200.1T)	010.1	AA 06900	
		BUSEY	010	FACF	IF		FB				AA 06900	
		HOWRD	020	FAF	TF		FB	0.5	265.4 (273.4T)	007.1	AA 05200	
		GUVNE	021	SDF	TF		FB	0.3	265.4 (273.4T)	002.0	AA 04540 GS 04558	
		WANUN	030	MAP	TF		FO	0.3	265.4 (273.4T)	001.0	AT 04325	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		265.4 (273.4T)		AA 04380	
	FABAN	050		DF	R	FO				AA 07500	
	FABAN	060		HM	L	FO		284.9 (292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUSEY	N314723.87	W1060854.52	N3147.398	W10608.909
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	GUVNE	N314756.25	W1061935.26	N3147.938	W10619.588
	HOWRD	N314749.22	W1061713.60	N3147.820	W10617.227
	PIERS	N315655.48	W1060449.62	N3156.925	W10604.827
	WANUN	N314759.75	W1062045.55	N3147.996	W10620.759
	RW26L	N314802.20	W1062134.74	N3148.037	W10621.579

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26L	03962	55



CITY AND STATE
EL PASO, TX

ELEVATION: 3962 TDZE: 3962
AIRPORT NAME:
EL PASO INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) Y RWY 26L, AMDT 1A

3 APRIL 2014

SUP:

AMDT: 1

DATED: 02/09/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (RNP) - 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			
BECON (IAF)	ZORVA (TF) (FB) (RNP 1.00)	087.39 / 9.85	5900	CLIMB TO 4400 THEN CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD.			
ZORVA (IF)	WEGUD (TF) (FB) (RNP 0.30)	087.48 / 2.50	5300				
WEGUD	DWLNG (RF) (FB) (RNP 0.30)	(2.90 NM RADIUS CCW (CFCBV) / 1.11	5000	ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. CHART FAS OBST: 4035 TANK 314749N/1062510W DISTANCE TO THLD FROM 250 HATH: 0.61 NM. ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MANDATORY 9000 AT BECON CHART MINIMUM 8000 AT KOACH #TCH 3971.6 MSL (DO NOT CHART)			
KOACH (IAF)	WUTIN (TF) (FB) (RNP 1.00)	108.43 / 4.48	6100				
WUTIN (IF)	BEZIC (TF) (FB) (RNP 0.40)	108.48 / 3.49	5600				
(SEE FORM 8260-10)							

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT WEGUD	
3. FAC: <u> </u> * FAF: *SEE TERMINAL ROUTES FROM DWLNG DIST FAF TO MAP: <u> </u> THLD: <u> </u>	
4. MIN. ALT: WEGUD 5300, DWLNG 5000	
5. DIST TO THLD FROM OM: <u> 3.23 </u> MM: <u> </u> IM: <u> 150 </u> HAT: <u> 100 </u> HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> 5000 </u> GS ALT AT: DWLNG 5000, UDECI 4618 OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> 3.00 </u> TCH: #55.0 34:1 IS CLEAR	
8. MSA FROM: RW04 9000	

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

AUTHORIZATION REQUIRED											
RNP 0.20 DA	4167	4000	250	4167	4000	250	4167	4000	250	4167	4000
RNP 0.30 DA	4306	1 1/4	389	4306	1 1/4	389	4306	1 1/4	389	4306	1 1/4

NOTES:
 CHART NOTE: RF REQUIRED.
 CHART NOTE: GPS REQUIRED.
 CHART PLANVIEW NOTE AT BECON : MAX 210 KIAS.
 CHART PLANVIEW NOTE AT KOACH : MAX 210 KIAS.
 (SEE FORM 8260-10)

CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3917 AIRPORT NAME: EL PASO INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Y RWY 4, ORIG-C 3 APRIL 2014	SUP: AMDT: ORIG-B DATED 08/23/2012



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BEZIC	WEGUD (RF) (FB) (RNP 0.30)	(2.90 NM RADIUS CCW (CFCBV) / 1.06	5300
DWLNG (FAF)	*UDECI (RF) (FB)	(2.90 NM RADIUS CCW (CFCBV) / 1.20	
UDECI	*RW04 (MAP) (TF) (FO)	041.97 / 2.03	
RW04 (MAP)	4400 MSL (CA)	041.97	4400
4400 MSL	FABAN (DF) (FO)		7500

NOTES, (CONT.):

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PLANVIEW NOTE AT BECON: (RNP 0.30).

CHART PLANVIEW NOTE AT KOACH: (RNP 0.30).

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 50C (122F).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE

EL PASO, TX

ELEVATION: 3962

THRE: 3917

AIRPORT NAME:

EL PASO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Y RWY 4, ORIG-C

3 APRIL 2014

SUP:

AMDT: ORIG-B

DATED: 08/23/2012

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FH04-Y	ABECON	010BECONK2EA0E	A	IF				09000	18000210		A-FS	
SUSAP	KELPK4FH04-Y	ABECON	020ZORVAK4PC0E	B	010TF				+ 05900			A FS	
SUSAP	KELPK4FH04-Y	ABECON	030WEGUDK4PC0E		031TF				+ 05300			A FS	
SUSAP	KELPK4FH04-Y	ABECON	040DWLNGK4PC0EE	L031RF		0029000875	06560011		+ 05000		CFCBV K4PCA	FS	
SUSAP	KELPK4FH04-Y	AKOACH	010KOACHK4PC0E	A	IF				+ 08000	18000210		A-FS	
SUSAP	KELPK4FH04-Y	AKOACH	020WUTINK4PC0E	B	010TF				+ 06100			A FS	
SUSAP	KELPK4FH04-Y	AKOACH	030BEZICK4PC0E		041TF				+ 05600			A FS	
SUSAP	KELPK4FH04-Y	AKOACH	040WEGUDK4PC0E	L031RF		0029001085	08750011		+ 05300		CFCBV K4PCA	FS	
SUSAP	KELPK4FH04-Y	AKOACH	050DWLNGK4PC0EE	L031RF		0029000875	06560011		+ 05000		CFCBV K4PCA	FS	
SUSAP	KELPK4FH04-Y	H	020DWLNGK4PC1E	F	IF				+ 05000	18000	RW04 BK4PGA	FS	
SUSAP	KELPK4FH04-Y	H	020DWLNGK4PC2W							A031A021		FS	
SUSAP	KELPK4FH04-Y	H	021UDECIK4PC0E	L031RF		0029000656	04200012				-300CFCBV K4PCA	FS	
SUSAP	KELPK4FH04-Y	H	030RW04 K4PG0GY	M	031TF				03972		-300	A FS	
SUSAP	KELPK4FH04-Y	H	040	0	M	CA	0420		+ 04400			A FS	
SUSAP	KELPK4FH04-Y	H	050FABANK4EA0EY		DF				+ 07500			A FS	
SUSAP	KELPK4FH04-Y	H	060FABANK4EA0EE	L	HM		28490070		+ 07500			A FS	

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

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CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3917	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Y RWY 4, ORIG-C 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL				AMDT: ORIG-B
					DATED: 08/23/2012

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 SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BECON	BECON	010	IAF	IF		FB				AT 09000	AB 210
	BECON	ZORVA	020		TF		FB	1.0			AA 05900	
	BECON	WEGUD	030		TF		FB	0.3			AA 05300	
	BECON	DWLNG	040		RF	L	FB	0.3		001.1	AA 05000	
	KOACH	KOACH	010	IAF	IF		FB				AA 08000	AB 210
	KOACH	WUTIN	020		TF		FB	1.0			AA 06100	
	KOACH	BEZIC	030		TF		FB	0.4			AA 05600	
	KOACH	WEGUD	040		RF	L	FB	0.3		001.1	AA 05300	
	KOACH	DWLNG	050		RF	L	FB	0.3		001.1	AA 05000	
		DWLNG	020	FAF	IF		FB				AA 05000	
		UDECI	021		RF	L	FB	0.3		001.2		
		RW04	030	MAP	TF		FO	0.3			AT 03972	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		042.0(050.0T)		AA 04400	
	FABAN	050		DF		FO				AA 07500	
	FABAN	060		HM	L	FO		284.9(292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BECON	N314717.58	W1064245.17	N3147.293	W10642.753
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	BEZIC	N314624.56	W1062931.42	N3146.409	W10629.524
	CFCBV	N314900.58	W1062800.24	N3149.010	W10628.004
	DWLNG	N314613.26	W1062702.75	N3146.221	W10627.046
	KOACH	N314958.21	W1063753.80	N3149.970	W10637.897
	UDECI	N314647.07	W1062548.91	N3146.785	W10625.815
	WEGUD	N314607.01	W1062819.82	N3146.117	W10628.330
	WUTIN	N314758.22	W1063311.35	N3147.970	W10633.189
	ZORVA	N314621.39	W1063114.95	N3146.357	W10631.249
	RW04	N314805.56	W1062359.46	N3148.093	W10623.991

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	03917	55

CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3917	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (RNP) Y RWY 4, ORIG-C	AMDT: ORIG-B
	EL PASO INTL	RNAV	3 APRIL 2014	DATED: 08/23/2012	

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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 CLIMB TO 4400 THEN CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. CHART FAS OBST: 4035 TANK 314749N/1062510W ROUTE TYPE: A, H ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S CHART MANDATORY 8000 AT BEAHR CHART MANDATORY 8000 AT SARRT DISTANCE TO THLD FROM 250 HATH: 0.61 NM #TCH 3971.6 MSL (DO NOT CHART)											
BEAHR (IAF)	PEBCY (TF) (FB) (RNP 1.00)	264.51 / 11.64	6200												
PEBCY (IF)	FEPOR (TF) (FB) (RNP 0.50)	264.40 / 3.00	6200												
FEPOR	GEDEY (RF) (FB) (RNP 0.50)	(1.95 NM RADIUS CCW CFCBR) / 1.07	5900												
GEDEY	CURIS (RF) (FB) (RNP 0.50)	(1.69 NM RADIUS CW CFCBT) / 3.19	5100												
SARRT (IAF) (SEE FORM 8260-10)	HAMGI (TF) (FB) (RNP 1.00)	232.98 / 12.67	6700												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT GEDEY 3. FAC: <u> </u> * FAF: *SEE TERMINAL ROUTES FROM CURIS DIST FAF TO MAP: <u> </u> THLD: <u> </u> 4. MIN. ALT: GEDEY 5900 CURIS 5100 5. DIST TO THLD FROM OM: <u> </u> 3.54 MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> 5100 GS ALT AT: CURIS 5100, UDECI 4618 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> 3.00 TCH: #55.0 34:1 IS CLEAR 8. MSA FROM: RW04 9000				MAG VAR: 8E EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: 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
AUTHORIZATION REQUIRED															
RNP 0.20 DA	4167	4000	250	4167	4000	250	4167	4000	250	4167	4000	250			
RNP 0.30 DA	4306	1 1/4	389	4306	1 1/4	389	4306	1 1/4	389	4306	1 1/4	389			
NOTES: CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT FEPOR : MAX 180 KIAS. CHART PLANVIEW NOTE AT GEDEY : MAX 180 KIAS. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 3962 THRE: 3917		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
EL PASO, TX		AIRPORT NAME: EL PASO INTL				RNAV (RNP) Z RWY 4, ORIG-B						AMDT: ORIG-A			
						3 APRIL 2014						DATED 07/26/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HAMGI (IF)	GEDEY (TF) (FB) (RNP 1.00)	232.86 / 3.00	5900
CURIS (FAF)	*UDECI (RF) (FB)	(1.42 NM RADIUS CW CFCBS) / 1.51	
UDECI	*RW04 (MAP) (TF) (FO)	041.97 / 2.03	
RW04 (MAP)	4400 MSL (CA)	041.97	4400
4400 MSL	FABAN (DF) (FO)		7500

NOTES, (CONT.):

CHART PLANVIEW NOTE AT BEHR: (RNP 0.50).

CHART PLANVIEW NOTE AT SARRT: (RNP 0.50).

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 50C (122F).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CITY AND STATE

EL PASO, TX

ELEVATION: 3962

THRE: 3917

AIRPORT NAME:

EL PASO INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Z RWY 4, ORIG-B

3 APRIL 2014

SUP:

AMDT: ORIG-A

DATED: 07/26/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KELPK4FH04-Z	ABEAHR	010BEAHRK4PCOE	A	IF				08000	18000		A	FS
SUSAP	KELPK4FH04-Z	ABEAHR	020PEBCYK4PCOE	B	010TF				+ 06200			A	FS
SUSAP	KELPK4FH04-Z	ABEAHR	030FEPORK4PCOE		051TF				+ 06200	180		A	-FS
SUSAP	KELPK4FH04-Z	ABEAHR	040GEDEYK4PCOEE	L051RF		0019502644	23290011		+ 05900	180	CFCBR	K4PCA	-FS
SUSAP	KELPK4FH04-Z	ASARRT	010SARRTK4PCOE	A	IF				08000	18000		A	FS
SUSAP	KELPK4FH04-Z	ASARRT	020HAMGIK4PCOE	B	010TF				+ 06700			A	FS
SUSAP	KELPK4FH04-Z	ASARRT	030GEDEYK4PCOEE		010TF				+ 05900	180		A	-FS
SUSAP	KELPK4FH04-Z	H	010GEDEYK4PCOE	I	IF				+ 05900	18000180	RW04	BK4PGA	-FS
SUSAP	KELPK4FH04-Z	H	020CURISK4PC1E	FR051RF		0016902329	34100032		+ 05100		CFCBT	K4PCA	FS
SUSAP	KELPK4FH04-Z	H	020CURISK4PC2W							A031A021			FS
SUSAP	KELPK4FH04-Z	H	021UDECIK4PCOE	R031RF		0014203410	04200015				-300CFCBS	K4PCA	FS
SUSAP	KELPK4FH04-Z	H	030RW04 K4PGOGY	M	031TF				03972		-300	A	FS
SUSAP	KELPK4FH04-Z	H	040	0	M	CA	0420		+ 04400			A	FS
SUSAP	KELPK4FH04-Z	H	050FABANK4EA0EY		DF				+ 07500			A	FS
SUSAP	KELPK4FH04-Z	H	060FABANK4EA0EE	L	HM		28490070		+ 07500			A	FS

CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3917	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: EL PASO INTL		RNAV (RNP) Z RWY 4, ORIG-B	AMDT: ORIG-A
			3 APRIL 2014	DATED: 07/26/2012

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.

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

SUSAP	KELPK4GRW04	0120200420	N31480556W106235946+0300	+1169803917000055150RIETF0										

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

SUSAP	KELPK4SRW04	K4PGB	0	18018009025										M

CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3917	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 4, ORIG-B 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL				AMDT: ORIG-A
					DATED: 07/26/2012

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 SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
BEAHR	BEAHR	BEAHR	010	IAF	IF		FB				AT 08000	
BEAHR	PEBCY	PEBCY	020		TF		FB	1.0			AA 06200	
BEAHR	FEPOR	FEPOR	030		TF		FB	0.5			AA 06200	AB 180
BEAHR	GEDEY	GEDEY	040		RF	L	FB	0.5		001.1	AA 05900	AB 180
SARRT	SARRT	SARRT	010	IAF	IF		FB				AT 08000	
SARRT	HAMGI	HAMGI	020		TF		FB	1.0			AA 06700	
SARRT	GEDEY	GEDEY	030		TF		FB	1.0			AA 05900	AB 180
	GEDEY	GEDEY	010	FACF	IF		FB				AA 05900	AB 180
	CURIS	CURIS	020	FAF	RF	R	FB	0.5		003.2	AA 05100	
	UDECI	UDECI	021		RF	R	FB	0.3		001.5		
	RW04	RW04	030	MAP	TF		FO	0.3			AT 03972	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		042.0 (050.0T)		AA 04400	
	FABAN	050		DF		FO				AA 07500	
	FABAN	060		HM	L	FO		284.9 (292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	BEAHR	N314353.35	W1060506.39	N3143.889	W10605.107
	CFCBR	N314233.79	W1062221.28	N3142.563	W10622.355
	CFCBS	N314541.68	W1062444.64	N3145.695	W10624.744
	CFCBT	N314544.79	W1062426.01	N3145.747	W10624.434
	CURIS	N314525.30	W1062622.71	N3145.422	W10626.379
	FEPOR	N314430.82	W1062215.62	N3144.514	W10622.260
	GEDEY	N314416.08	W1062328.05	N3144.268	W10623.468
	HAMGI	N314543.91	W1062023.78	N3145.732	W10620.396
	PEBCY	N314423.33	W1061844.59	N3144.389	W10618.743
	SARRT	N315154.19	W1060724.09	N3151.903	W10607.402
	UDECI	N314647.07	W1062548.91	N3146.785	W10625.815
	RW04	N314805.56	W1062359.46	N3148.093	W10623.991

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	03917	55

CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3917	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (RNP) Z RWY 4, ORIG-B	AMDT: ORIG-A
	EL PASO INTL	RNAV	3 APRIL 2014	DATED: 07/26/2012	

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (RNP) - 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		RNP: DA CLIMB TO 4400 THEN CLIMBING LEFT TURN TO 7500 DIRECT FABAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. DISTANCE TO THLD FROM 250 HATH: 0.61 NM. ROUTE TYPE: A, H. ROUTE TYPE QUALIFIER 1: F. ROUTE TYPE QUALIFIER 2: S. #TCH 4003.7 (DO NOT CHART) CHART MANDATORY 9000 AT WIKKR CHART AT OR ABOVE 6600 AT TELIE CHART MANDATORY 8000 AT SARRT CHART MANDATORY 8000 AT BEAHR CHART: ASR							
WIKKR (IAF)		VICMA (TF) (FB) (RNP 0.70)		112.09 / 6.38				7000									
VICMA (IF)		UGAYA (TF) (FB) (RNP 0.70)		112.07/2.99				6500									
UGAYA		JOSUE (RF) (FB) (RNP 0.70)		(2.42 NM RADIUS CW (CFBPJ) / 1.53				6000									
JOSUE		EMOLE (RF) (FB) (RNP 0.70)		(2.42 NM RADIUS CW (CFBVP) / 3.11				5100									
TELIE (IAF)		AGUAS (TF) (FB) (RNP 1.00)		222.08 / 5.07				5900									
(SEE FORM 8260-10)																	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. PROFILE STARTS AT EMOLE																	
3. FAC: 222.03 FAF: _____ DIST FAF TO MAP: _____ THLD: _____																	
4. MIN. ALT: EMOLE 5100																	
5. DIST TO THLD FROM OM: 3.44 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: 5100 GS ALT AT: EMOLE 5100 OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: 3.00 TCH: #54.5 34:1 IS CLEAR																	
8. MSA FROM: RW22 9000																	
MINIMUMS																	
TAKEOFF: 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		
AUTHORIZATION REQUIRED																	
RNP 0.10 DA	4199	2400	250	4199	2400	250	4199	2400	250	4199	2400	250					
RNP 0.30 DA	4269	2700	320	4269	2700	320	4269	2700	320	4269	2700	320					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 50C (122F). CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIKKR ON V94-611 WESTBOUND. CHART PLANVIEW NOTE ADJACENT TO WIKKR, SARRT AND BEAHR IAF: RF REQUIRED. (SEE FORM 8260-10)																	
CITY AND STATE				ELEVATION: 3962 THRE: 3949				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
EL PASO, TX				AIRPORT NAME:				RNAV				RNAV (RNP) Z RWY 22, AMDT 1				AMDT: ORIG-A	
				EL PASO INTL								3 APRIL 2014				DATED 05/31/2012	



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AGUAS (IF)	EMOLE (TF) (FB) (RNP 1.00)	222.07 / 3.39	5100
SARRT (IAF)	CABNU (TF) (FB) (RNP 1.00)	263.72 / 4.11	6900
CABNU (IF)	GODLE (TF) (FB) (RNP 1.00)	263.68 / 4.25	5600
GODLE	EMOLE (RF) (FB) (RNP 0.80)	(2.42 NM RADIUS CCW (CFBPL) / 1.76	5100
BEAHR (IAF)	EKIDE (TF) (FB) (RNP 1.00)	303.02 / 6.14	8000
EKIDE (IF)	FABOR (TF) (FB) (RNP 1.00)	303.04 / 5.52	6100
FABOR	GODLE (RF) (FB) (RNP 0.80)	(2.42 NM RADIUS CCW (CFBXP) / 1.66	5600
EMOLE (FAF)	RW22 (MAP) (TF) (FO)	222.03 / 3.44	
RW22 (MAP)	4400 MSL (CA)	222.03	4400
4400 MSL	FABAN (FO)		7500

NOTES, (CONT.):

CHART PLANVIEW NOTE AT WIKKR: (RNP 0.70).
 CHART PLANVIEW NOTE AT SARRT AND BEAHR: (RNP 0.80).
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART PLANVIEW NOTE AT TELIE: RADAR REQUIRED FOR ARRIVAL AT TELIE.
 CHART PLANVIEW NOTE AT WIKKR, SARRT AND BEAHR: MAX 210 KIAS.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.10 VISIBILITY ALL CATS TO RVR 4000 AND RNP 0.30
 VISIBILITY ALL CATS TO RVR 5100.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.



CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3949	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 22, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL			AMDT: ORIG-A
				DATED: 05/31/2012

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FH22-Z	ABEAHR	010BEAHRK4PCOE	A	IF				08000	18000210		A-FS	
SUSAP	KELPK4FH22-Z	ABEAHR	020EKIDEK4PCOE	B	010TF				+ 08000			A FS	
SUSAP	KELPK4FH22-Z	ABEAHR	030FABORK4PCOE		010TF				+ 06100			A FS	
SUSAP	KELPK4FH22-Z	ABEAHR	040GODLEK4PCOE	L081RF		0024203030	26370017		+ 05600		CFBXP K4PCA	FS	
SUSAP	KELPK4FH22-Z	ABEAHR	050EMOLEK4PCOE	L081RF		0024202637	22200018		+ 05100		CFBPL K4PCA	FS	
SUSAP	KELPK4FH22-Z	ASARRT	010SARRTK4PCOE	A	IF				08000	18000210		A-FS	
SUSAP	KELPK4FH22-Z	ASARRT	020CABNUK4PCOE		010TF				+ 06900			A FS	
SUSAP	KELPK4FH22-Z	ASARRT	030GODLEK4PCOE		010TF				+ 05600			A FS	
SUSAP	KELPK4FH22-Z	ASARRT	040EMOLEK4PCOE	L081RF		0024202637	22200018		+ 05100		CFBPL K4PCA	FS	
SUSAP	KELPK4FH22-Z	ATELIE	010TELIEK4PCOE	A	IF				+ 06600	18000		A FS	

CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3949	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 22, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL				AMDT: ORIG-A
					DATED: 05/31/2012

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[illegible]

SUP:	
AMDT:	ORIG-A
DATED:	05/31/2012

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 SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BEAHR	BEAHR	010	IAF	IF		FB				AT 08000	AB 210
	BEAHR	EKIDE	020		TF		FB	1.0			AA 08000	
	BEAHR	FABOR	030		TF		FB	1.0			AA 06100	
	BEAHR	GODLE	040		RF	L	FB	0.8		001.7	AA 05600	
	BEAHR	EMOLE	050		RF	L	FB	0.8		001.8	AA 05100	
	SARRT	SARRT	010	IAF	IF		FB				AT 08000	AB 210
	SARRT	CABNU	020		TF		FB	1.0			AA 06900	
	SARRT	GODLE	030		TF		FB	1.0			AA 05600	
	SARRT	EMOLE	040		RF	L	FB	0.8		001.8	AA 05100	
	TELIE	TELIE	010	IAF	IF		FB				AA 06600	
	TELIE	AGUAS	020		TF		FB	1.0			AA 05900	
	TELIE	EMOLE	030		TF		FB	1.0			AA 05100	
	WIKKR	WIKKR	010	IAF	IF		FB				AT 09000	AB 210
	WIKKR	VICMA	020		TF		FB	0.7			AA 07000	
	WIKKR	UGAYA	030		TF		FB	0.7			AA 06500	
	WIKKR	JOSUE	040		RF	R	FB	0.7		001.5	AA 06000	
	WIKKR	EMOLE	050		RF	R	FB	0.7		003.1	AA 05100	
		EMOLE	020	FAF	IF		FB				AA 05100	
		RW22	030	MAP	TF		FO	0.3			AT 04004	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		222.0 (230.0T)		AA 04400	
	FABAN	050		DF	L	FO				AA 07500	
	FABAN	060		HM	L	FO		284.9 (292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	WIKKR	N320015.27	W1062902.62	N3200.255	W10629.044
	AGUAS	N315345.99	W1061603.69	N3153.767	W10616.062
	BEAHR	N314353.35	W1060506.39	N3143.889	W10605.107
	CABNU	N315201.51	W1061213.34	N3152.025	W10612.222
	CFBPJ	N315326.77	W1062056.51	N3153.446	W10620.942
	CFBPL	N314943.52	W1061717.57	N3149.725	W10617.293
	CFBVP	N315326.68	W1062056.76	N3153.445	W10620.946
	CFBXP	N314943.39	W1061717.57	N3149.723	W10617.293
	EKIDE	N314755.54	W1061032.53	N3147.926	W10610.542
	EMOLE	N315135.01	W1061907.02	N3151.584	W10619.117
	FABOR	N315133.28	W1061525.69	N3151.555	W10615.428
	GODLE	N315208.92	W1061712.69	N3152.149	W10617.212
	JOSUE	N315425.00	W1061820.20	N3154.417	W10618.337

CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3949	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: EL PASO INTL	RNAV	RNAV (RNP) Z RWY 22, AMDT 1	AMDT: ORIG-A
			3 APRIL 2014	DATED: 05/31/2012

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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SARRT	N315154.19	W1060724.09	N3151.903	W10607.402
TELIE	N315701.86	W1061129.41	N3157.031	W10611.490
UGAYA	N315532.67	W1061930.99	N3155.545	W10619.517
VICMA	N315702.90	W1062233.65	N3157.048	W10622.561
RW22	N314922.01	W1062212.78	N3149.367	W10622.213

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW22	03949	55

CITY AND STATE
EL PASO, TX

ELEVATION: 3962 THRE: 3949
AIRPORT NAME:
EL PASO INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 22, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG-A

DATED: 05/31/2012

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (RNP) - 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		RNP: DA CLIMB TO 4400 THEN CLIMBING RIGHT TURN TO 7500 DIRECT FABAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 284.91 INBOUND. DISTANCE TO THLD FROM 313 HATH: 0.81 NM. CHART MANDATORY 9000 AT WIKKR CHART MANDATORY 8000 AT SARRT CHART AT OR ABOVE 6900 AT BUSEY CHART MANDATORY 8000 AT BEAHR ROUTE TYPE: A, H. ROUTE TYPE QUALIFIER 1: F. ROUTE TYPE QUALIFIER 2: S. #TCH 4016.6 MSL (DO NOT CHART) CHART: ASR				
WIKKR (IAF)		KASPN (TF) (FB) (RNP 1.00)		116.62 / 7.54		7600						
KASPN (IF)		JETOG (TF) (FB) (RNP 1.00)		116.66 / 6.53		6400						
JETOG		HOWRD (RF) (FB) (RNP 1.00)		(2.42 NM RADIUS CW (CFBVQ)/6.28		5200						
SARRT (IAF)		FINAB (TF) (FB) (RNP 1.00)		232.66 / 4.00		6800						
FINAB (IF)		BIVDE (TF) (FB) (RNP 1.00)		232.60 / 3.40		5500		MAG VAR: 8E EPOCH YEAR: 2015				
(SEE FORM 8260-10)												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)												
2. PROFILE STARTS AT HOWRD _____												
3. FAC: 265.35 FAF: _____ DIST FAF TO MAP: _____ THLD: _____												
4. MIN. ALT: HOWRD 5200 _____												
5. DIST TO THLD FROM OM: 3.72 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____												
6. MIN GS INCPT: 5200 GS ALT AT: _____ OM: _____ MM: _____ IM: _____												
7. GS ANGLE: 3.00 TCH: #55.0 34:1 IS CLEAR												
8. MSA FROM: RW26L 8500												
MINIMUMS												
TAKEOFF: 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
AUTHORIZATION REQUIRED												
RNP 0.30 DA	4275	1/2	313	4275	1/2	313	4275	1/2	313	4275	1/2	313
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -8C (18F) OR ABOVE 50C (122F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY ALL CATS TO 1 MILE. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT WIKKR : MAX 210 KIAS. (SEE FORM 8260-10)												
CITY AND STATE EL PASO, TX		ELEVATION: 3962 THRE: 3962 AIRPORT NAME: EL PASO INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 26L, AMDT 1 3 APRIL 2014				SUP:		
										AMDT: ORIG		
										DATED 05/31/2012		



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
**RNAV (RNP) - STANDARD,
 INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIVDE	HOWRD (RF) (FB) (RNP 1.00)	(3.51 NM RADIUS CW (CFBVR)/2.00	5200
BUSEY (IF)	HOWRD (TF) (FB) (RNP 1.00)	265.44 / 7.10	5200
BEAHR (IAF)	AGOPE (TF) (FB) (RNP 1.00)	283.85 / 4.90	7000
AGOPE (IF)	OLTIE (TF) (FB) (RNP 1.00)	283.61 / 5.06	5500
OLTIE	HOWRD (RF) (FB) (RNP 0.50)	(3.48 NM RADIUS CCW (CFBVS)/1.11	5200
HOWRD (FAF)	RW26L (MAP) (TF) (FO)	265.35 / 3.72	
RW26L (MAP)	4400 MSL (CA)	265.35	4400
4400 MSL	FABAN (DF) (FO)		7500

NOTES, (CONT.):

CHART PLANVIEW NOTE AT JETOG : MAX 205 KIAS.
 CHART PLANVIEW NOTE AT SARRT : MAX 210 KIAS.
 CHART PLANVIEW NOTE AT BEAHR : MAX 210 KIAS.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WIKKR ON V94-611 WESTBOUND.
 CHART PLANVIEW NOTE ADJACENT TO WIKKR IAF: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO SARRT IAF: RF REQUIRED.
 CHART PLANVIEW NOTE ADJACENT TO BEAHR IAF: RF REQUIRED.
 CHART PLANVIEW NOTE AT BEAHR: (RNP 0.50).
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 CHART PLANVIEW NOTE AT BUSEY: RADAR REQUIRED FOR ARRIVALS AT BUSEY.
 CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE

EL PASO, TX

ELEVATION: 3962

THRE: 3962

AIRPORT NAME:

EL PASO INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Z RWY 26L, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 05/31/2012

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KELPK4FH26LZ	ABEAHR	010BEAHRK4PC0E	A	IF				08000	18000210		A-FS	
SUSAP	KELPK4FH26LZ	ABEAHR	020AGOPEK4PC0E	B	010TF				+ 07000			A FS	
SUSAP	KELPK4FH26LZ	ABEAHR	030OLTIEK4PC0E		010TF				+ 05500			A FS	
SUSAP	KELPK4FH26LZ	ABEAHR	040HOWRDK4PC0EE	L051RF		0034802836	26540011		+ 05200		CFBVS	K4PCA	FS
SUSAP	KELPK4FH26LZ	ABUSEY	010BUSEYK4PC0E	B	IF				+ 06900	18000		A FS	
SUSAP	KELPK4FH26LZ	ABUSEY	020HOWRDK4PC0EE		010TF				+ 05200			A FS	
SUSAP	KELPK4FH26LZ	ASARRT	010SARRTK4PC0E	A	IF				08000	18000210		A-FS	
SUSAP	KELPK4FH26LZ	ASARRT	020FINABK4PC0E	B	010TF				+ 06800			A FS	
SUSAP	KELPK4FH26LZ	ASARRT	030BIVDEK4PC0E		010TF				+ 05500			A FS	
SUSAP	KELPK4FH26LZ	ASARRT	040HOWRDK4PC0EE	R010RF		0035102326	26540020		+ 05200		CFBVR	K4PCA	FS
SUSAP	KELPK4FH26LZ	AWIKKR	010WIKKRK2EA0E	A	IF				09000	18000210		A-FS	
SUSAP	KELPK4FH26LZ	AWIKKR	020KASPNK4PC0E	B	010TF				+ 07600			A FS	
SUSAP	KELPK4FH26LZ	AWIKKR	030JETOGK4PC0E		010TF				+ 06400	205		A-FS	

CITY AND STATE EL PASO, TX	ELEVATION: 3962	THRE: 3962	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 26L, AMDT 1	SUP:
	AIRPORT NAME: EL PASO INTL				AMDT: ORIG
				3 APRIL 2014	DATED: 05/31/2012

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 KELPK4FH26LZ AWIKKR	040HOWRDK4PC0EE	R010RF	0024201167	26540063	+ 05200		CFBVQ K4PCA	FS
SUSAP KELPK4FH26LZ H	020HOWRDK4PC1E	F IF			+ 05200	18000	RW26L K4PGA	FS
SUSAP KELPK4FH26LZ H	020HOWRDK4PC2W					A031		FS
SUSAP KELPK4FH26LZ H	030RW26LK4PG0GY	M 031TF				04017	-300	A FS
SUSAP KELPK4FH26LZ H	040	0 M CA		2654	+ 04400			A FS
SUSAP KELPK4FH26LZ H	050FABANK4EA0EY	R DF			+ 07500			A FS
SUSAP KELPK4FH26LZ H	060FABANK4EA0EE	L HM		28490070	+ 07500			A FS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4GRW26L	0090272653 N31480220W106213474-0400 +1183303962000055150R												

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KELPK4SRW26LK4PG	0 18018008525 M												



CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3962	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 26L, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: EL PASO INTL		AMDT: ORIG	
			DATED: 05/31/2012	

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 SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
BEAHR	BEAHR	010		IAF	IF		FB				AT 08000	AB 210
BEAHR	AGOE	020			TF		FB	1.0			AA 07000	
BEAHR	OLTIE	030			TF		FB	1.0			AA 05500	
BEAHR	HOWRD	040			RF	L	FB	0.5		001.1	AA 05200	
BUSEY	BUSEY	010			IF		FB				AA 06900	
BUSEY	HOWRD	020			TF		FB	1.0			AA 05200	
SARRT	SARRT	010		IAF	IF		FB				AT 08000	AB 210
SARRT	FINAB	020			TF		FB	1.0			AA 06800	
SARRT	BIVDE	030			TF		FB	1.0			AA 05500	
SARRT	HOWRD	040			RF	R	FB	1.0		002.0	AA 05200	
WIKKR	WIKKR	010		IAF	IF		FB				AT 09000	AB 210
WIKKR	KASPN	020			TF		FB	1.0			AA 07600	
WIKKR	JETOG	030			TF		FB	1.0			AA 06400	AB 205
WIKKR	HOWRD	040			RF	R	FB	1.0		006.3	AA 05200	
	HOWRD	020		FAF	IF		FB				AA 05200	
	RW26L	030		MAP	TF		FO	0.3			AT 04017	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		265.4 (273.4T)		AA 04400	
	FABAN	050		DF	R	FO				AA 07500	
	FABAN	060		HM	L	FO		284.9 (292.9T)	007.0	AA 07500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FABAN	N314252.11	W1055619.80	N3142.869	W10556.330
	WIKKR	N320015.27	W1062902.62	N3200.255	W10629.044
	AGOE	N314542.90	W1061026.42	N3145.715	W10610.440
	BEAHR	N314353.35	W1060506.39	N3143.889	W10605.107
	BIVDE	N314816.07	W1061457.88	N3148.268	W10614.965
	BUSEY	N314723.87	W1060854.52	N3147.398	W10608.909
	CFBVQ	N315014.46	W1061703.65	N3150.241	W10617.061
	CFBVR	N315119.57	W1061659.18	N3151.326	W10616.986
	CFBVS	N314420.28	W1061727.90	N3144.338	W10617.465
	FINAB	N314956.36	W1061129.54	N3149.939	W10611.492
	HOWRD	N314749.22	W1061713.60	N3147.820	W10617.227
	JETOG	N315214.07	W1061526.60	N3152.235	W10615.443
	KASPN	N315557.46	W1062145.02	N3155.958	W10621.750
	OLTIE	N314734.94	W1061557.90	N3147.582	W10615.965
	SARRT	N315154.19	W1060724.09	N3151.903	W10607.402
	RW26L	N314802.20	W1062134.74	N3148.037	W10621.579

CITY AND STATE EL PASO, TX	ELEVATION: 3962 THRE: 3962	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: EL PASO INTL	RNAV	RNAV (RNP) Z RWY 26L, AMDT 1	AMDT: ORIG
			3 APRIL 2014	DATED: 05/31/2012

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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RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW26L	03962	55

CITY AND STATE
EL PASO, TX

ELEVATION: 3962 THRE: 3962
AIRPORT NAME:
EL PASO INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 26L, AMDT 1

3 APRIL 2014

SUP:

AMDT: ORIG

DATED: 05/31/2012

[illegible]

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KPRSK4FRNV-A AMRF	010MRF	K4D	OV	C	IF				+ 09000	18000		B	JC
SUSAP KPRSK4FRNV-A AMRF	020IMEGYK4EA0EE	B	010TF				18650391		+ 06700			B	JC
SUSAP KPRSK4FRNV-A R	010IMEGYK4EA0E	I	IF						+ 06700	18000		B	JC
SUSAP KPRSK4FRNV-A R	020FAVADK4EA0E	F	051TF				24980063		+ 05000		MUDOE K4EAB	JC	
SUSAP KPRSK4FRNV-A R	021SEBTEK4EA0E	S	031TF				25990034	V	0386003860	000		B	JC
SUSAP KPRSK4FRNV-A R	030MUDOEK4EA0EY	M	031TF				25990026		03520	000		B	JC
SUSAP KPRSK4FRNV-A R	040	0	M	CA			2599		+ 03338			B	JC
SUSAP KPRSK4FRNV-A R	050IMEGYK4EA0E	R	DF									B	JC
SUSAP KPRSK4FRNV-A R	060MRF	K4D	OVY	010TF			0064		+ 09000			B	JC
SUSAP KPRSK4FRNV-A R	070MRF	K4D	OVE	R	HM		18650070		+ 09000			B	JC

[illegible]

CITY AND STATE PRESIDIO, TX	ELEVATION: 2938 AIRPORT NAME: PRESIDIO LELY INTL	TDZE: RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS)-A, ORIG 3 APRIL 2014	SUP:
					AMDT: NONE
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MRF	MRF	010	IAF	IF		FB				AA 09000	
	MRF	IMEGY	020		TF		FB	1.0	186.5 (193.5T)	039.1	AA 06700	
		IMEGY	010	FACF	IF		FB				AA 06700	
		FAVAD	020	FAF	TF		FB	0.5	249.8 (256.8T)	006.3	AA 05000	
		SEBTE	021	SDF	TF		FB	0.3	259.9 (266.9T)	003.4	AA 03860 GS 03860	
		MUDOE	030	MAP	TF		FO	0.3	259.9 (266.9T)	002.6	AT 03520	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		259.9 (266.9T)		AA 03338	
	IMEGY	050		DF	R	FB					
	MRF	060		TF		FO	1.0	006.4 (013.4T)		AA 09000	
	MRF	070		HM	R	FO		186.5 (193.5T)	007.0	AA 09000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MRF	N301754.14	W1035717.12	N3017.902	W10357.285
	FAVAD	N293822.73	W1041448.19	N2938.379	W10414.803
	IMEGY	N293949.22	W1040746.32	N2939.820	W10407.772
	MUDOE	N293803.19	W1042140.95	N2938.053	W10421.683
	SEBTE	N293811.69	W1041842.28	N2938.195	W10418.705

QUALITY
CHECKED

CITY AND STATE PRESIDIO, TX	ELEVATION: 2938	TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:			RNAV (GPS)-A, ORIG	AMDT: NONE
	PRESIDIO LELY INTL	RNAV	3 APRIL 2014	DATED:	

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
PRESIDIO, TX	PRESIDIO LELY INTL	3 APRIL 2014	ORIG

TAKEOFF MINIMUMS:

RWY 17: STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 5600, OR 1900-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 35: STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 5700, OR 1900-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 17: CLIMBING LEFT TURN TO 9000 ON HEADING 045.00 AND MRF VOR/DME R-185 TO MRF VOR/DME, OR FOR CLIMB IN VISUAL CONDITIONS, CROSS PRESIDIO LELY INTL AIRPORT AT OR ABOVE 4700, THEN CLIMB TO 9000 ON HEADING 021.00 AND MRF VOR/DME R-197 TO MRF VOR/DME. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

RWY 35: CLIMBING RIGHT TURN TO 9000 ON HEADING 065.00 AND MRF VOR/DME R-190 TO MRF VOR/DME, OR FOR CLIMB IN VISUAL CONDITIONS, CROSS PRESIDIO LELY INTL AIRPORT AT OR ABOVE 4700, THEN CLIMB TO 9000 ON HEADING 021.00 AND MRF VOR/DME R-197 TO MRF VOR/DME. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, BRUSH ABEAM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 10 FT AGL/2929 FT MSL. POWERLINE 990 FT FROM DER, 762 FT LEFT OF CENTERLINE, 86 FT AGL/3005 FT MSL. VEHICLES ON ROAD, 990 FT FROM DER, 762 FT LEFT OF CENTERLINE, 17 FT AGL/2936 FT MSL.

NOTE: RWY 35, BRUSH ABEAM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 10 FT AGL/3089 FT MSL. POWERLINES BEGINNING 2978 FT FROM DER, 749 FT RIGHT OF CENTERLINE, UP TO 86 FT AGL/3205 FT MSL. VEHICLES ON ROAD, 2978 FT FROM DER, 1291 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/3016 FT MSL.

CONTROLLING OBSTACLES:

RWY 17/35 - OBSTACLE MANDATING ROUTE DEVELOPMENT:
7928 FT MSL AAO 295711.51N/1042839.78W

RWY 17:
5423 FT MSL AAO 294603.87N/1040940.41W

RWY 35:
3125 FT MSL POWERLINE 293921.95N/1042136.79W, 5423 FT MSL AAO 294603.87N/1040940.41W

RWY 17/35 (VCOA):
5559 FT MSL AAO 294958.50N/1042201.46W, 3639 FT MSL AAO 294038.88N/1041817.19W

4
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
PRESIDIO, TX	PRESIDIO LELY INTL	3 APRIL 2014	ORIG

REMARKS:

10 FT AGL VEGETATION HEIGHT USED PER FPT.

86 FT AGL POWERLINES USED AS WORST CASE SCENARIO. PROPOSED POWERLINES HIGHER THAN 86 FT AGL FROM OE/AAA WERE MANUALLY PLANTED INSIDE AAO EXEMPT AREA. FPT CONCURRENCE.

ODP CONSTRUCTED TO ENSURE ADEQUATE SIGNAL COVERAGE IN ADDITION TO OBSTACLE AVOIDANCE.

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

Michael F. Abernethy *[Signature]* 10/02/2013

CONCURRENT WITH AIRSPACE
DOCKET 12-ASW-6

DEVELOPED BY:

JILL OLSON (WES COMBS) *[Signature]* AJV-353

8/31/2012

APPROVED BY:

LARRY STROUT *[Signature]* AJV-353

2.15.14

COORDINATED WITH:

AOPA, NBAA, ALPA, ZAB, ARPT MGR, CENTRAL FPO

CHANGES:

ORIGINAL PROCEDURE

REASONS:

FPT REQUEST



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		LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 3000 DIRECT YAGNU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 223.63 INBOUND. CHART FAS OBST: 549 TANK 370406N/0775821W OBST: 609 AAO 365902N/0780045W CHART FARMVILLE MOA. CHART PICKETT 1, 2 & 3 MOA'S. CHART R-6602 A, B, C. DISTANCE TO THLD FROM 317 HATH: 0.85 NM. WAAS CHANNEL # 42934 REFERENCE PATH ID: W04A CHART CIRCLING ICON LTP HAE: 89.8 M						
YAKLU (IF/IAF)		WOVUP (FB)		043.46 / 7.04				2200								
WOVUP (FAF)		RW04 (MAP) (FO)		043.51 / 5.46												
RW04 (MAP)		717 MSL		043.51												
717 MSL		YAGNU (FO)						3000								
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD SW YAKLU, RT, 043.46 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 043.51 FAF: WOYUP DIST FAF TO MAP: 5.46 THLD: 5.46 4. MIN. ALT: YAKLU 3000, WOYUP 2200 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2200 GS ALT AT: WOYUP 2200 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM:										MAG VAR: 9W EPOCH YEAR: 2000						
MINIMUMS																
TAKEOFF: 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	717	1	317	717	1	317	717	1	317		NA					
LNAV/VNAV DA	754	1 1/8	354	754	1 1/8	354	754	1 1/8	354		NA					
LNAV MDA	860	1	460	860	1	460	860	1 3/8	460		NA					
CIRCLING	920	1	483	920	1	483	1040	1 3/4	603		NA					
NOTES: CHART NOTE: USE SOUTH HILL ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV NA. CHART NOTE: CIRCLING NA EAST OF RWY 4-22. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.																
CITY AND STATE		ELEVATION: 437 THRE: 400		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:						
BLACKSTONE, VA		AIRPORT NAME:		ALLEN C PERKINSON BLACKSTONE AAF		RNAV (GPS) RWY 4, AMDT 1				AMDT: ORIG						
						3 APRIL 2014				DATED 08/30/2007						



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	314/30 CW 134/30 (NOPT)	YAKLU (IF/IAF) (FB)	3000
2.	134/30 CW 314/30	YAKLU (IF/IAF) (FO)	3000



CITY AND STATE
BLACKSTONE, VA

ELEVATION: 437 THRE: 400
AIRPORT NAME:
ALLEN C PERKINSON BLACKSTONE AAF

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, AMDT 1
3 APRIL 2014

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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	KBKT
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	370407.3420N
LTP/FTP LONGITUDE	0775725.1830W
LTP/FTP ELLIPSOIDAL HEIGHT	+00898
FPAP LATITUDE	370520.8100N
FPAP LONGITUDE	0775622.0200W
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	1128
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 44C0C9C1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01220
FPAP ORTHOMETRIC HEIGHT	+01220



CITY AND STATE BLACKSTONE, VA	ELEVATION: 437 THRE: 400	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: ALLEN C PERKINSON BLACKSTONE AAF			AMDT: ORIG
				DATED: 08/30/2007

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBKTK6FR04	AYAKLU	010YAKLUK6EA0EE	AR	HF		04350040	+	03000	18000		A	JS	
SUSAP KBKTK6FR04	R	010YAKLUK6EA0E	I	IF			+	03000	18000		A	JS	
SUSAP KBKTK6FR04	R	020WOVUPK6EA1E	F	051TF		04350070	+	02200			A	JS	
SUSAP KBKTK6FR04	R	020WOVUPK6EA2WALPV			ALNAV/VNAV ALNAV							JS	
SUSAP KBKTK6FR04	R	030RW04 K6PGOGY	M	031TF		04350055		00460	-300		A	JS	
SUSAP KBKTK6FR04	R	040	0	M	CA	0435	+	00717			A	JS	
SUSAP KBKTK6FR04	R	050YAGNUK6EA0EY		DF			+	03000			A	JS	
SUSAP KBKTK6FR04	R	060YAGNUK6EA0EE	R	HM		22360040	+	03000			A	JS	

[illegible][illegible]

QUALITY
9
CHECKED

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	YAKLU	YAKLU	010	IAF	HF	R	FO		043.5 (034.5T)	004.0	AA 03000	
		YAKLU	010	FACF	IF		FB				AA 03000	
		WOVUP	020	FAF	TF		FB	0.5	043.5 (034.5T)	007.0	AA 02200	
		RW04	030	MAP	TF		FO	0.3	043.5 (034.5T)	005.5	AT 00460	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		043.5 (034.5T)		AA 00717	
	YAGNU	050		DF		FO				AA 03000	
	YAGNU	060		HM	R	FO		223.6 (214.6T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WOVUP	N365936.95	W0780117.23	N3659.616	W07801.287
	YAGNU	N371503.31	W0774800.16	N3715.055	W07748.003
	YAKLU	N365348.49	W0780615.45	N3653.808	W07806.258
	RW04	N370407.34	W0775725.18	N3704.122	W07757.420

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00400	60

QUALITY
9
CHECKED

CITY AND STATE BLACKSTONE, VA	ELEVATION: 437 THRE: 400	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 1 3 APRIL 2014	SUP:
	AIRPORT NAME: ALLEN C PERKINSON BLACKSTONE AAF			AMDT: ORIG
				DATED: 08/30/2007

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		LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 3000 DIRECT YAKLU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 043.46 INBOUND. CHART FAS OBST: 546 TREE 370507N/0775713W CHART FARMVILLE MOA. CHART PICKETT 1, 2 & 3 MOA'S. CHART R-6602 A, B, C. DISTANCE TO THLD FROM 305 HATH: 0.77 NM. WAAS CHANNEL # 53734 REFERENCE PATH ID: W22A CHART CIRCLING ICON. LTP HAE: 101.1 M						
YAGNU (IF/IAF)		WONEL (FB)		223.63 / 7.15				2200								
WONEL (FAF)		ZATOR/2.70 NM TO RW22 (FB)		223.58 / 2.65												
ZATOR/2.70 NM TO RW22		RW22 (MAP) (FO)		223.58 / 2.70												
RW22 (MAP)		742 MSL		223.58												
742 MSL		YAKLU (FO)						3000								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE YAGNU, RT, 223.63 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 223.58 FAF: WONEL DIST FAF TO MAP: 5.35 THLD: 5.35 4. MIN. ALT: YAGNU 3000, WONEL 2200, ZATOR/2.70 NM TO RW22 1340* 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 2200 GS ALT AT: WONEL 2200 OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR 8. MSA FROM:												MAG VAR: 9W EPOCH YEAR: 2000				
MINIMUMS																
TAKEOFF: 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	742	1	305	742	1	305	742	1	305		NA					
LNAV/VNAV DA	751	1	314	751	1	314	751	1	314		NA					
LNAV MDA	860	1	423	860	1	423	860	1 1/4	423		NA					
CIRCLING	920	1	483	920	1	483	1040	1 3/4	603		NA					
NOTES: CHART NOTE: USE SOUTH HILL ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV NA. CHART NOTE: CIRCLING NA EAST OF RWY 4-22. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. *LNAV ONLY.																
CITY AND STATE BLACKSTONE, VA				ELEVATION: 437 THRE: 437 AIRPORT NAME: ALLEN C PERKINSON BLACKSTONE AAF				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1 3 APRIL 2014				SUP: AMDT: ORIG DATED 08/30/2007		



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TAA

	FROM	TO	ALT
1.	134/30 CW 314/30 (NOPT)	YAGNU (IAF) (FB)	3000
2.	314/30 CW 134/30	YAGNU (FO) (IF/IAF)	3000



CITY AND STATE
BLACKSTONE, VA

ELEVATION: 437 THRE: 437
AIRPORT NAME:
ALLEN C PERKINSON BLACKSTONE AAF

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, AMDT 1
3 APRIL 2014

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

RNAV 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 KBKT
RUNWAY RW22
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W22A
LTP/FTP LATITUDE 370445.0680N
LTP/FTP LONGITUDE 0775652.7650W
LTP/FTP ELLIPSOIDAL HEIGHT +01011
FPAP LATITUDE 370331.5800N
FPAP LONGITUDE 0775755.8800W
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 1336
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

456C4831

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +01333
FPAP ORTHOMETRIC HEIGHT +01333

QUALITY
CHECKED

CITY AND STATE BLACKSTONE, VA	ELEVATION: 437 THRE: 437 AIRPORT NAME: ALLEN C PERKINSON BLACKSTONE AAF	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, AMDT 1 3 APRIL 2014	SUP:
				AMDT: ORIG
				DATED: 08/30/2007

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBKTK6FR22	AYAGNU	010YAGNUK6EA0EE	AR	HF			22360040	+	03000	18000		A	JS
SUSAP KBKTK6FR22	R	010YAGNUK6EA0E	I	IF				+	03000	18000		A	JS
SUSAP KBKTK6FR22	R	020WONELK6EA1E	F	051TF			22360072	+	02200			A	JS
SUSAP KBKTK6FR22	R	020WONELK6EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KBKTK6FR22	R	021ZATORK6EA0E	S	031TF			22360027	V	0134001357		-300	A	JS
SUSAP KBKTK6FR22	R	030RW22 K6PGOGY	M	031TF			22360027		00497		-300	A	JS
SUSAP KBKTK6FR22	R	040	0	M	CA		2236	+	00742			A	JS
SUSAP KBKTK6FR22	R	050YAKLUK6EA0EY		DF				+	03000			A	JS
SUSAP KBKTK6FR22	R	060YAKLUK6EA0EE	R	HM			04350040	+	03000			A	JS

[illegible][illegible]

QUALITY
9
CHECKED

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	YAGNU	YAGNU	010	IAF	HF	R	FO		223.6 (214.6T)	004.0	AA 03000	
		YAGNU	010	FACF	IF		FB				AA 03000	
		WONEL	020	FAF	TF		FB	0.5	223.6 (214.6T)	007.2	AA 02200	
		ZATOR	021	SDF	TF		FB	0.3	223.6 (214.6T)	002.7	AA 01340	GS 01357
		RW22	030	MAP	TF		FO	0.3	223.6 (214.6T)	002.7	AT 00497	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		223.6 (214.6T)		AA 00742	
	YAKLU	050		DF		FO				AA 03000	
	YAKLU	060		HM	R	FO		043.5 (034.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	WONEL	N370909.58	W0775305.26	N3709.160	W07753.088
	YAGNU	N371503.31	W0774800.16	N3715.055	W07748.003
	YAKLU	N365348.49	W0780615.45	N3653.808	W07806.258
	ZATOR	N370658.67	W0775457.93	N3706.978	W07754.966
	RW22	N370445.07	W0775652.77	N3704.751	W07756.880

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00437	60

QUALITY
CHECKED

CITY AND STATE BLACKSTONE, VA	ELEVATION: 437	THRE: 437	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ALLEN C PERKINSON BLACKSTONE AAF		RNAV	RNAV (GPS) RWY 22, AMDT 1	AMDT: ORIG
				3 APRIL 2014	DATED: 08/30/2007

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
BLACKSTONE, VA.	ALLEN C PERKINSON BLACKSTONE AAF	3 APRIL 2014	3

TAKEOFF MINIMUMS:

RWY 1, 19 NA - ENVIRONMENTAL.

RWY 4, 22: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4-CLIMB HEADING 043.55 TO 1300 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, SIGN AND TREES BEGINNING 12 FT FROM DER, 177 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/511 FT MSL.
TREES BEGINNING 779 FT FROM DER, 707 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/508 MSL.

NOTE: RWY 22, TERRAIN, TREES BEGINNING 178 FT FROM DER, 426 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/507 FT MSL.
TREES BEGINNING 2624 FT FROM DER, 325 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/507 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:

RWY 4-1349 FT MSL TOWER 371016.00N-0775715.00W.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
BLACKSTONE, VA.	ALLEN C PERKINSON BLACKSTONE AAF	3 APRIL 2014	3

REMARKS:

RWY'S 1-19 ARE PERMANENTLY CLOSED, BUT NOT DECOMMISSIONED. FUTURE RUNWAY RESURFACING MAY OCCUR. PREVIOUS TAKEOFF RWY 19 WAS NA DUE TO ENVIRONMENTAL CONCERNS, R-6602 AND THE AMMUNITION DUMP AT BLACKSTONE AAF AS DOCUMENTED BELOW.

AMMUNITION DUMP COORDINATES DERIVED FROM 7 1/2' QUAD BEGINNING FROM ORIGIN POINT :

370312.54N-0775804.01W CW TO, 370300.54N-0775753.01W TO,

370252.54N-0775750.51W TO, 370248.54N-0775746.01W TO,

370243.54N-0775749.01W TO, 370241.04N-0775758.01W TO,

370235.54N-0775803.01W TO, 370235.04N-0775813.01W TO,

370238.54N-0775817.01W, BACK TO ORIGIN POINT.

CHART NOTE: DO NOT OVERFLY AMMUNITION DUMP 1.1 NM SOUTH SOUTHWEST OF RWY 4.

FLIGHT INSPECTED BY:

Edward Mesa

9/13/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ROBERT W. COOK

AJV-352

05/10/2013

APPROVED BY:

SUE CRUMB

AJV-352

FEB 19 2014

COORDINATED WITH:

ATA, AOPA, NBAA, ZDC, AMGR.

CHANGES:

1. DELETE TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURE FOR RUNWAY 1.
2. TEXTUAL DEPARTURE PROCEDURE HEADING FROM 043.54 TO 043.55.
3. LOWERED HEIGHT OF OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FROM 1359 MSL TO 1349 MSL.
4. DIRECTION OF AMMUNITION DUMP REFERENCE IN NOTE FROM SW OF RWY 4 TO SSW OF RWY 4.

REASONS:

1. RUNWAY 1-19 PERMANENTLY CLOSED, AMGR, AND U.S. ARMY REQUEST, EST FPT CONCURS.
2. NEW RUNWAY SURVEY DATA.
3. CONTROLLING OBSTACLE 51-001168 SURVEY HEIGHT REVISED.
4. AMMUNITION DUMP IS SSW OF RUNWAY 4.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 4.56 MILES AFTER ELQ NDB					
MAZON INT		ELQ NDB		208.63 / 8.76				2000		CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ELQ NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.					
GUMBE INT		ELQ NDB		030.05 / 7.78				2000							
										ADDITIONAL FLIGHT DATA: HOLD SE, RT, 335.40 INBOUND. CHART FAS OBST: 202 TREE 363859N/0772713W ELQ NDB TO RW34: 2.99/43. CHART IN PLANVIEW: (CFBBW) 363210.35N/0772114.37W. CHART TDZE: 122. CHART IN PLANVIEW: (CFBBV) 363706.99N/0772527.65W.					
1. PT <u> L </u> SIDE OF COURSE <u> 155.40 </u> OUTBOUND <u> 1700 </u> FT WITHIN <u> 10 </u> MILES OF <u> ELQ NDB </u> (IAF) 2. _____ 3. FAC <u> 335.40 </u> FAF <u> ELQ NDB </u> DIST FAF TO MAP <u> 4.56 </u> THLD <u> 4.56 </u> 4. MIN. ALT <u> ELQ NDB 1600, SIPLE INT 720 </u> 8. MSA FROM: <u> ELQ NDB 180-360 2500, 360-180 1600 </u>															
										MAG VAR: 10W EPOCH YEAR: 2000					
MINIMUMS															
TAKEOFF: 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-34	720	1	598	720	1	598		NA			NA				
CIRCLING	720	1	594	720	1	594		NA			NA				
SIPLE FIX MINIMUMS (DUAL VOR RECEIVERS REQUIRED)															
S-34	460	1	338	460	1	338		NA			NA				
CIRCLING	580	1	454	580	1	454		NA			NA				
NOTES: CHART PLANVIEW NOTE: ADF REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AHOSKIE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.															
CITY AND STATE		ELEVATION: 126		TDZE: 122		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP LOC RWY 33			
EMPORIA, VA		AIRPORT NAME:				I-EMV		LOC RWY 34, AMDT 1A				AMDT 1			
		EMPORIA-GREENSVILLE RGNL						3 APRIL 2014				DATE 04/05/2012			

FLIGHT STANDARDS SERVICES - FAR PART 97.25

ARINC PACKET - 424-18 - LOC

[illegible]

QUALITY
3
56109012
CHECKED

DATED: 04/05/2012

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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[illegible]

QUALITY
2
CHECKED

SUP:	LOC RWY 33
AMDT:	1
DATED:	04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	GUMBE	GUMBE	010		IF		FB					
	GUMBE	ELQ	020		TF		FB				AA 02000	
	GUMBE	ELQ	030	IAF	PI	R	FB		110.4 ()	010.0	AA 01700	
	MAZON	MAZON	010		IF		FB					
	MAZON	ELQ	020		TF		FB				AA 02000	
	MAZON	ELQ	030	IAF	PI	R	FB		110.4 ()	010.0	AA 01700	
		CFBBW	010	FACF	IF		FB				AA 01700	
		CFBBV	020	FAF	CF		FB		335.0 ()	006.0	AA 01600	
		SIPLE	021	SDF	CF		FB		335.0 ()	002.8	AA 00720	
		RW34	030	MAP	CF		FO		335.0 ()	001.8	AT 00153	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		335.4 ()		AA 00600	
	ELQ	050		DF	R	FO				AA 03000	
	ELQ	060		HM	R	FO		335.4 ()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GUMBE	N362945.55	W0772850.21	N3629.759	W07728.837
	MAZON	N364523.24	W0772202.91	N3645.387	W07722.049
	CFBBV	N363706.99	W0772527.65	N3637.117	W07725.461
	CFBBW	N363210.35	W0772114.37	N3632.173	W07721.240
	SIPLE	N363923.29	W0772724.22	N3639.388	W07727.404
	RW34	N364052.31	W0772840.44	N3640.872	W07728.674
	IEMV (LOC)	N364135.63	W0772917.55	N3641.594	W07729.293
	ELQ	N363704.69	W0772531.78	N3637.078	W07725.530

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00110	43

QUALITY
2
CHECKED

CITY AND STATE
EMPORIA, VA

ELEVATION: 126 TDZE: 122
AIRPORT NAME:
EMPORIA-GREENSVILLE RGNL

FACILITY
IDENTIFIER:
I-EMV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
LOC RWY 34, AMDT 1A
3 APRIL 2014

SUP: LOC RWY 33
AMDT: 1
DATED: 04/05/2012

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	LNAV: RW16 CLIMB TO 3000 DIRECT XETIY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 335.47 INBOUND. CHART FAS OBST: 261 TANK 364245N/0773100W RUSHS TO RW16: 3.00/31. CHART TDZE 126											
WAKS	VASPY (FB)	256.87 / 24.23	2000												
LVL VORTAC	CIBRA (FB)	098.40 / 8.94	2000												
VASPY (IAF)	EYUGO (FB)	245.36 / 5.00	2000												
CIBRA (IAF)	EYUGO (FB)	085.25 / 5.00	2000												
EYUGO (IF)	POCAB (FB)	155.31 / 3.98	1800												
POCAB	RUSHS (FB)	155.34 / 2.16	1700												
RUSHS (FAF)	JFRSN/2.40 NM TO RW16 (FB)	155.36 / 2.44													
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. PROFILE STARTS AT EYUGO															
3. FAC: 155.36 FAF: RUSHS DIST FAF TO MAP: 4.84 THLD: 4.84															
4. MIN. ALT: EYUGO 2000, POCAB 1800, RUSHS 1700, JFRSN/2.40 NM TO RW16 920															
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: MSA _____ TCH: 34:1 IS NOT CLEAR															
8. FROM: RW16 1900															
MINIMUMS															
TAKEOFF: 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	520	1	394	520	1	394		NA			NA				
CIRCLING	580	1	454	580	1	454		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WAKS ON V189-260 NORTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LVL VORTAC AIRWAY RADIALS 042 CW 177. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AHOSKIE ALTIMETER SETTING AND INCREASE (SEE FORM 8260-10)															
CITY AND STATE EMPORIA, VA				ELEVATION: 126 TDZE: 126 AIRPORT NAME: EMPORIA-GREENSVILLE RGNL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1A 3 APRIL 2014			
												SUP: RNAV (GPS) RWY 15 AMDT: 1 DATED 04/05/2012			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JFRSN/2.40 NM TO RW16	RW16 (MAP) (FO)	155.36 / 2.40	
RW16 (MAP)	520 MSL	155.36	
520 MSL	XETIY (FO)		3000

NOTES, (CONT.):
 ALL MDA 80 FEET.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED



CITY AND STATE EMPORIA, VA	ELEVATION: 126	TDZE: 126	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1A 3 APRIL 2014	SUP: RNAV (GPS) RWY 15
	AIRPORT NAME: EMPORIA-GREENSVILLE RGNL				AMDT: 1
					DATED: 04/05/2012

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KEMVK6FR16	ALVL	010LVL	K6D	OV					18000		B	JS
SUSAP	KEMVK6FR16	ALVL	020CIBRAK6EA0E	A	020TF		09840089	+	02000			B	JS
SUSAP	KEMVK6FR16	ALVL	030EYUGOK6EA0EE	B	010TF		08530050	+	02000			B	JS
SUSAP	KEMVK6FR16	AWAIXS	010WAIKSK6EA0E		IF					18000		B	JS
SUSAP	KEMVK6FR16	AWAIXS	020VASPYK6EA0E	A	020TF		25690242	+	02000			B	JS
SUSAP	KEMVK6FR16	AWAIXS	030EYUGOK6EA0EE	B	010TF		24540050	+	02000			B	JS
SUSAP	KEMVK6FR16	R	010EYUGOK6EA0E	I	IF			+	02000	18000		B	JS
SUSAP	KEMVK6FR16	R	011POCABK6EA0E	S	051TF		15530040	+	01800			B	JS
SUSAP	KEMVK6FR16	R	020RUSHSK6EA1E	F	051TF		15530022	+	01700		RW16	K6PGB	JS
SUSAP	KEMVK6FR16	R	020RUSHSK6EA2WN			N	ALNAV						JS
SUSAP	KEMVK6FR16	R	021JFRSNK6EA0E	S	031TF		15540024	V	0092000922		-300		B JS
SUSAP	KEMVK6FR16	R	030RW16	K6PGOGY	M	031TF	15540024		00158		-300		B JS
SUSAP	KEMVK6FR16	R	040		O M	CA	1554	+	00520				B JS
SUSAP	KEMVK6FR16	R	050XETIYK6EA0EY		DM			+	03000				B JS
SUSAP	KEMVK6FR16	R	060XETIYK6EA0EE	R	HF		33550040	+	03000				B JS

[illegible]

CITY AND STATE EMPORIA, VA	ELEVATION: 126	TDZE: 126	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 16, AMDT 1A 3 APRIL 2014	SUP: RNAV (GPS) RWY 15
	AIRPORT NAME: EMPORIA-GREENSVILLE RGNL				AMDT: 1
					DATED: 04/05/2012

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

[illegible]

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

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LVL	LVL	010		IF		FB					
	LVL	CIBRA	020	IAF	TF		FB	2.0	098.4 (088.4T)	008.9	AA 02000	
	LVL	EYUGO	030		TF		FB	1.0	085.3 (075.3T)	005.0	AA 02000	
	WAIKS	WAIKS	010		IF		FB					
	WAIKS	VASPY	020	IAF	TF		FB	2.0	256.9 (246.9T)	024.2	AA 02000	
	WAIKS	EYUGO	030		TF		FB	1.0	245.4 (235.4T)	005.0	AA 02000	
		EYUGO	010	FACF	IF		FB				AA 02000	
		POCAB	011	SDF	TF		FB	0.5	155.3 (145.3T)	004.0	AA 01800	
		RUSHS	020	FAF	TF		FB	0.5	155.3 (145.3T)	002.2	AA 01700	
		JFRSN	021	SDF	TF		FB	0.3	155.4 (145.4T)	002.4	AA 00920	GS 00922
		RW16	030	MAP	TF		FO	0.3	155.4 (145.4T)	002.4	AT 00158	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		155.4 (145.4T)		AA 00520	
	XETIY	050		DF		FO				AA 03000	
	XETIY	060		HM	R	FO		335.5 (325.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LVL	N364904.93	W0775410.69	N3649.082	W07754.178
	CIBRA	N364919.43	W0774302.97	N3649.324	W07743.050
	EYUGO	N365035.76	W0773701.54	N3650.596	W07737.026
	JFRSN	N364331.74	W0773057.11	N3643.529	W07730.952
	POCAB	N364719.11	W0773412.36	N3647.319	W07734.206
	RUSHS	N364532.54	W0773240.79	N3645.542	W07732.680
	VASPY	N365326.61	W0773154.04	N3653.444	W07731.901
	WAIKS	N370301.72	W0770407.68	N3703.029	W07704.128
	XETIY	N363259.33	W0772156.20	N3632.989	W07721.937
	RW16	N364133.08	W0772915.37	N3641.551	W07729.256

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00126	31

CITY AND STATE EMPORIA, VA	ELEVATION: 126	TDZE: 126	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 15
	AIRPORT NAME: EMPORIA-GREENSVILLE RGNL		RNAV	RNAV (GPS) RWY 16, AMDT 1A	AMDT: 1
				3 APRIL 2014	DATED: 04/05/2012

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		LPV: DA LNAV/VNAV: DA LNAV: RW34 CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT XETIY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 335.47 INBOUND. CHART FAS OBST: 217 TREE 364057N/0772909W DISTANCE TO THLD FROM 200 HATH: 0.49 NM. CHART VDP AT 1.03 MILES TO RW34* *LNAV ONLY. WAAS CHANNEL # 63226 REFERENCE PATH ID: W34A LTP HAE: -4 M							
FKN VORTAC		WIGUQ (FB)		249.94 / 14.70		2000									
DUFFI		URFAW (FB)		070.84 / 18.88		2000									
WIGUQ (IAF)		XETIY (FB)		250.41 / 5.00		2000									
URFAW (IAF)		XETIY (FB)		065.38 / 5.00		2000									
XETIY (IF)		IQJAZ (FB)		335.47 / 5.01		1600									
IQJAZ (FAF)		SIPLE/1.80 NM TO RW34 (FB)		335.43 / 2.75											
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)								MAG VAR: 10W EPOCH YEAR: 2000							
2. PROFILE STARTS AT XETIY															
3. FAC: 335.43 FAF: IQJAZ DIST FAF TO MAP: 4.55 THLD: 4.55															
4. MIN. ALT: XETIY 2000, IQJAZ 1600, SIPLE/1.80 NM TO RW34 720*															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 1600 GS ALT AT: IQJAZ 1600 OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 42.5 34:1 IS CLEAR															
8. MSA FROM: RW34 1900															
MINIMUMS															
TAKEOFF: 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	322	1	200	322	1	200		NA			NA				
LNAV/VNAV DA	440	1	318	440	1	318		NA			NA				
LNAV MDA	480	1	358	480	1	358		NA			NA				
CIRCLING	580	1	454	580	1	454		NA			NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DUFFI ON V615 SOUTHWEST BOUND AND V157 SOUTHBOUND. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 126 TDZE: 122		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 33					
EMPORIA, VA		AIRPORT NAME:		EMPORIA-GREENSVILLE RGNL		RNAV (GPS) RWY 34, AMDT 1A				AMDT: 1					
						3 APRIL 2014				DATED 04/05/2012					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SIPLE/1.80 NM TO RW34	RW34 (MAP) (FO)	335.43 / 1.80	
RW34 (MAP)	600 MSL	335.43	600
600 MSL	XETIY (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FKN VORTAC AIRWAY RADIALS 171 CW 288.

*LNAV ONLY

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AHOSKIE ALTIMETER SETTING AND INCREASE ALL DA 73 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/8 MILE.

CITY AND STATE
 EMPORIA, VA

ELEVATION: 126 TDZE: 122
 AIRPORT NAME:
 EMPORIA-GREENSVILLE RGNL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 34, AMDT 1A
 3 APRIL 2014

SUP: RNAV (GPS) RWY 33
 AMDT: 1
 DATED: 04/05/2012

**RNAV 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	KEMV
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	364052.3080N
LTP/FTP LONGITUDE	0772840.4380W
LTP/FTP ELLIPSOIDAL HEIGHT	-00004
FPAP LATITUDE	364205.7400N
FPAP LONGITUDE	0772943.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00042.5
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)	35.0

CRC REMAINDER

46B6826E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00335
FPAP ORTHOMETRIC HEIGHT	+00335

CITY AND STATE

EMPORIA, VA

ELEVATION: 126

TDZE: 122

AIRPORT NAME:

EMPORIA-GREENSVILLE RGNL

 FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1A

3 APRIL 2014

SUP. RNAV (GPS) RWY 33

AMDT: 1

DATED: 04/05/2012

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KEMVK6FR34	ADUFFI	010DUFFIK7EA0E	IF						18000		A JS	
SUSAP	KEMVK6FR34	ADUFFI	020URFAWK7EA0E	A 020TF		07080189	+	02000				A JS	
SUSAP	KEMVK6FR34	ADUFFI	030XETIYK6EA0EE	B 010TF		06540050	+	02000				A JS	
SUSAP	KEMVK6FR34	AFKN	010FKN K6D 0V	IF						18000		A JS	
SUSAP	KEMVK6FR34	AFKN	020WIGUQK6EA0E	A 020TF		24990147	+	02000				A JS	
SUSAP	KEMVK6FR34	AFKN	030XETIYK6EA0EE	B 010TF		25040050	+	02000				A JS	
SUSAP	KEMVK6FR34	R	010XETIYK6EA0E	I IF			+	02000		18000		A JS	
SUSAP	KEMVK6FR34	R	020IQJAZK6EA1E	F 051TF		33550050	+	01600			RW34	K6PGA	JS
SUSAP	KEMVK6FR34	R	020IQJAZK6EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KEMVK6FR34	R	021SIPLEK6EA0E	S 031TF		33540028	V	0072000726		-300			A JS
SUSAP	KEMVK6FR34	R	030RW34 K6PGOGY	M 031TF		33540018		00152		-300			A JS
SUSAP	KEMVK6FR34	R	040	0 M CA		3354	+	00600					A JS
SUSAP	KEMVK6FR34	R	050XETIYK6EA0EY	R DF			+	03000					A JS
SUSAP	KEMVK6FR34	R	060XETIYK6EA0EE	R HM		33550040	+	03000					A JS

[illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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[illegible]

CITY AND STATE
EMPORIA, VA

ELEVATION: 126	TDZE: 122
AIRPORT NAME: EMPORIA-GREENSVILLE RGNL	

FACILITY
IDENTIFIER:
| RNAV

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

3 APRIL 2014

SUP:	RNAV (GPS) RWY 33
AMDT:	1
DATED:	04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) 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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	DUFFI	DUFFI	010		IF		FB					
	DUFFI	URFAW	020	IAF	TF		FB	2.0	070.8 (060.8T)	018.9	AA 02000	
	DUFFI	XETIY	030		TF		FB	1.0	065.4 (055.4T)	005.0	AA 02000	
	FKN	FKN	010		IF		FB					
	FKN	WIGUQ	020	IAF	TF		FB	2.0	249.9 (239.9T)	014.7	AA 02000	
	FKN	XETIY	030		TF		FB	1.0	250.4 (240.4T)	005.0	AA 02000	
		XETIY	010	FACF	IF		FB				AA 02000	
		IQJAZ	020	FAF	TF		FB	0.5	335.5 (325.5T)	005.0	AA 01600	
		SIPLE	021	SDF	TF		FB	0.3	335.4 (325.4T)	002.8	AA 00720	GS 00726
		RW34	030	MAP	TF		FO	0.3	335.4 (325.4T)	001.8	AT 00152	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		335.4 (325.4T)		AA 00600	
	XETIY	050		DF	R	FO				AA 03000	
	XETIY	060		HM	R	FO		335.5 (325.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FKN	N364251.25	W0770044.56	N3642.854	W07700.743
	DUFFI	N362057.87	W0774729.22	N3620.965	W07747.487
	IQJAZ	N363707.46	W0772528.05	N3637.124	W07725.468
	SIPLE	N363923.29	W0772724.22	N3639.388	W07727.404
	URFAW	N363008.76	W0772702.60	N3630.146	W07727.043
	WIGUQ	N363527.77	W0771632.42	N3635.463	W07716.540
	XETIY	N363259.33	W0772156.20	N3632.989	W07721.937
	RW34	N364052.31	W0772840.44	N3640.872	W07728.674

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00110	43

CITY AND STATE EMPORIA, VA	ELEVATION: 126	TDZE: 122	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1A 3 APRIL 2014	SUP: RNAV (GPS) RWY 33
	AIRPORT NAME: EMPORIA-GREENSVILLE RGNL				AMDT: 1
					DATED: 04/05/2012

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
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City, State	Airport	Effective Date	Amdt. No.
EMPORIA, VA	EMPORIA-GREENSVILLE RGNL	3 APRIL 2014	ORIG-A

TAKEOFF MINIMUMS:

RWY 16, 34, STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY16, TREES BEGINNING 188 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 42 FT AGL/141 FT MSL.

NOTE: RWY34, TREES BEGINNING 56 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/204 FT MSL.
TREES BEGINNING 2290 FT FROM DER, 250 FT RIGHT OF CENTERLINE, UP TO 111 FT AGL/230 FT MSL.
TREES BEGINNING 2131 FT FROM DER, 106 FT LEFT OF CENTERLINE, UP TO 101 FT AGL/220 FT MSL.
TREES BEGINNING 1276 FT FROM DER, 459 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/195 FT MSL.
TREES BEGINNING 1889 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/204 FT MSL.
TREES BEGINNING 1804 FT FROM DER, 136 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/189 FT MSL.
TREES BEGINNING 1982 FT FROM DER, 83 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/189 FT MSL.
TREES BEGINNING 571 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/152 FT MSL.
TREES BEGINNING 565 FT FROM DER, 57 FT LEFT OF CENTERLINE, UP TO 14 FT AGL/143 FT MSL.
TREES BEGINNING 3423 FT FROM DER, 256 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/214 FT MSL.
TREES BEGINNING 3444 FT FROM DER, 140 FT LEFT OF CENTERLINE, UP TO 105 FT AGL/214 FT MSL.
TREES BEGINNING 3508 FT FROM DER, 44 FT RIGHT OF CENTERLINE, UP TO 105 FT AGL/214 FT MSL.

CONTROLLING OBSTACLES:

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
EMPORIA, VA	EMPORIA-GREENSVILLE RGNL	3 APRIL 2014	ORIG-A

REMARKS:

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PATRICK MULQUEEN
(ANDREA CHANEY)

AJV-351

09/03/2013

APPROVED BY:

STEVE SZUKALA (MANAGER)

AJV-351

FEB 20 2014

COORDINATED WITH:

AOPA, NBAA, DCA FSS, ZDC, AMGR

CHANGES:

RWY NUMBERS CHANGED FROM 15/33 TO 16/34.

REASONS:

NEW SURVEY

QUALITY
CHECKED

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR 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.															
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION																	
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE						ALTITUDE		ILS: DA LOC: 6.75 MILES AFTER OPOYU/OLM VORTAC 7.03 DME/RADAR OR AT OLM 0.28 DME FIX CLIMB TO 1400 THEN CLIMB TO 5500 ON OLM VORTAC R-176 TO CETRA INT/OLM 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5500. ADDITIONAL FLIGHT DATA: HOLD S, RT, 356.00 INBOUND. CHART FAS OBST: 351 TREE 465948N/1225343W CHART R-6703C. CHART 3300 PRIOR TO OPOYU IN PROFILE CHART SEA VORTAC R-230 AND 21.60 DME AT HOOME CHART CIRCLING ICON							
OLM VORTAC	OPOYU/OLM VORTAC 7.03 DME /RADAR	351.67 / 7.03						3300									
HOOME INT (IAF)	YIYSU/OLM VORTAC 13.12 DME /RADAR (NOPT)	172.31 / 7.44 (I-OLM)						2900									
YIYSU/OLM VORTAC 13.12 DME /RADAR (IF)	OPOYU/OLM VORTAC 7.03 DME /RADAR	172.31 / 6.10 (I-OLM)						2400									
1. PT <u>L</u> SIDE OF COURSE <u>352.31</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>OPOYU</u> (IAF) 2. 3. FAC: <u>172.31</u> FAF: OPOYU/OLM VORTAC 7.03 DME/RADAR DIST FAF TO MAP: <u>6.75</u> THLD: <u>6.75</u> 4. MIN. ALT: OPOYU 2400 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>1030</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: OPOYU 2400 OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>53.4</u> 8. MSA FROM: OLM VORTAC 020-200 5400, 200-020 4500										MAG VAR: 19E				EPOCH YEAR: 1995			
MINIMUMS																	
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @			
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
S-ILS 17	415	1/2	218	415	1/2	218	415	1/2	218	415	1/2	218					
S-LOC 17	640	1/2	443	640	1/2	443	640	7/8	443	640	7/8	443					
CIRCLING	720	1	511	860	1	651	1020	2 1/2	811	1020	2 3/4	811					
NOTES: CHART NOTE: DME OR RADAR REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SANDERSON FIELD ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL MDA 60 FT, AND INCREASE S-LOC 17 CATS C AND D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING SANDERSON FIELD ALTIMETER SETTING, INCREASE S-ILS (SEE FORM 8260-10)										# @ NA WHEN TOWER CLOSED. # CAT B 700-2, CAT C 900-2 1/2, CAT D 900-2 3/4 @ CAT C 900-2 1/2, CAT D 900-2 3/4 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.							
CITY AND STATE		ELEVATION: 209 THRE: 197		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
OLYMPIA, WA				OLYMPIA RGNL		I-OLM		ILS OR LOC RWY 17, AMDT 12 3 APRIL 2014				AMDT: 11					
												DATED 02/11/2010					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

17 ALL CATS VISIBILITY TO 7/8 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HOOME ON V27 NORTHEASTBOUND

CITY AND STATE

OLYMPIA, WA

ELEVATION: 209

THRE: 197

AIRPORT NAME:

OLYMPIA RGNL

FACILITY
IDENTIFIER:

I-OLM

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 17, AMDT 12

3 APRIL 2014

SUP:

AMDT: 11

DATED: 02/11/2010

FLIGHT STANDARDS SERVICES - 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.

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KOLMK1FI17	AHOOME	010HOOMEK1EA0E	A	IF					18000		0	NS
SUSAP	KOLMK1FI17	AHOOME	020YIYSUK1PC0EE	B	CF	IOLMK1	3523013917230074PI	+	02900			0	NS
SUSAP	KOLMK1FI17	AOLM	010OLM K1D 0V		IF					18000		0	NS
SUSAP	KOLMK1FI17	AOLM	020OPOYUK1PC0E		TF				+	03300		0	NS
SUSAP	KOLMK1FI17	AOLM	030OPOYUK1PC0EE	AR	PI	OLM K1	3517007030730100D	+	02900			0	NS
SUSAP	KOLMK1FI17	I	010YIYSUK1PC0E	I	IF	IOLMK1	35230139	PI	J	029000240018000		0	NS
SUSAP	KOLMK1FI17	I	020OPOYUK1PC0E	F	CF	IOLMK1	3523007817200061PI	H	0240002400		-300OLM K1D	0	NS
SUSAP	KOLMK1FI17	I	030RW17 K1PGOGY	M	CF	IOLMK1	3523001117200068PI			00250	-300	0	NS
SUSAP	KOLMK1FI17	I	040	0	M	CA	1723	+	01400			0	NS
SUSAP	KOLMK1FI17	I	050CETRAK1EA0EY		CF	OLM K1	1760015017600150D	+	05500			0	NS
SUSAP	KOLMK1FI17	I	060CETRAK1EA0EE	R	HM		3560T010	+	05500			0	NS

[illegible][illegible]

SUP:	
AMDT:	11
DATED:	02/11/2010

FLIGHT STANDARDS SERVICES - FAR PART 97.29

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SUSAP KOLMK1IIOLM1 011190RW17 N46573192W1225426991723N46582574W1225417311009 10300600300E01905400192

[illegible]

SUP:	
AMDT:	11
DATED:	02/11/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - 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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HOOME	HOOME	010	IAF	IF		FB					
	HOOME	YIYSU	020		CF		FB		172.3 ()	007.4	AA 02900	
	OLM	OLM	010		IF		FB					
	OLM	OPOYU	020		TF		FB				AA 03300	
	OLM	OPOYU	030	IAF	PI	R	FB		307.3 ()	010.0	AA 02900	
		YIYSU	010	FACF	IF		FB				AA 02900 GI 02400	
		OPOYU	020	FAF	CF		FB		172.0 ()	006.1	GI 02400 GS 02400	
		RW17	030	MAP	CF		FO		172.0 ()	006.8	AT 00250	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.3 ()		AA 01400	
	CETRA	050		CF		FO		176.0 ()	015.0	AA 05500	
	CETRA	060		HM	R	FO		356.0 ()	011.0	AA 05500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OLM	N465817.90	W1225406.60	N4658.298	W12254.110
	CETRA	N464348.80	W1225945.19	N4643.813	W12259.753
	HOOME	N471827.69	W1224817.71	N4718.462	W12248.295
	OPOYU	N470511.93	W1225212.34	N4705.199	W12252.206
	YIYSU	N471110.45	W1225026.97	N4711.174	W12250.450
	RW17	N465834.92	W1225408.60	N4658.582	W12254.143
	IOLM (LOC)	N465731.92	W1225426.99	N4657.532	W12254.450

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	00197		54

CITY AND STATE
OLYMPIA, WAELEVATION: 209 THRE: 197
AIRPORT NAME:
OLYMPIA RGNLFACILITY
IDENTIFIER:
I-OLMPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 12
3 APRIL 2014SUP:
AMDT: 11
DATED: 02/11/2010

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KOLMK1FL17	AHOOME	010HOOMEK1EA0E	A	IF					18000		0	NS	
SUSAP	KOLMK1FL17	AHOOME	020YIYSUK1PC0EE	B	CF	IOLMK1	3523013917230074PI	+	02900			0	NS	
SUSAP	KOLMK1FL17	AOLM	010OLM K1D 0V		IF					18000		0	NS	
SUSAP	KOLMK1FL17	AOLM	020OPOYUK1PC0E		TF				+	03300		0	NS	
SUSAP	KOLMK1FL17	AOLM	030OPOYUK1PC0EE	AR	PI	OLM K1	3517007030730100D	+	02900			0	NS	
SUSAP	KOLMK1FL17	L	010YIYSUK1PC0E	I	IF	IOLMK1	35230139		PI	+	02900	18000	0	NS
SUSAP	KOLMK1FL17	L	020OPOYUK1PC0E	F	CF	IOLMK1	3523007817200061PI	+	02400				0	NS
SUSAP	KOLMK1FL17	L	030RW17 K1PGOGY	M	CF	IOLMK1	3523001117200068PI					OLM K1D	0	NS
SUSAP	KOLMK1FL17	L	040	0	M	CA	1723	+	01400				0	NS
SUSAP	KOLMK1FL17	L	050CETRAK1EA0EY		CF	OLM K1	1760015017600150D	+	05500				0	NS
SUSAP	KOLMK1FL17	L	060CETRAK1EA0EE	R	HM		3560T010	+	05500				0	NS

[illegible][illegible]

SUP:	
AMDT:	11
DATED:	02/11/2010

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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SUSAP KOLMK1I1OLM1 011190RW17 N46573192W1225426991723N46582574W1225417311009 10300600300E01905400192

[illegible]

SUP:	
AMDT:	11
DATED:	02/11/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	HOOME	HOOME	010	IAF	IF		FB					
	HOOME	YIYSU	020		CF		FB		172.3 ()	007.4	AA 02900	
	OLM	OLM	010		IF		FB					
	OLM	OPOYU	020		TF		FB				AA 03300	
	OLM	OPOYU	030	IAF	PI	R	FB		307.3 ()	010.0	AA 02900	
		YIYSU	010	FACF	IF		FB				AA 02900	
		OPOYU	020	FAF	CF		FB		172.0 ()	006.1	AA 02400	
		RW17	030	MAP	CF		FO		172.0 ()	006.8	AT 00250	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		172.3 ()		AA 01400	
	CETRA	050		CF		FO		176.0 ()	015.0	AA 05500	
	CETRA	060		HM	R	FO		356.0 ()	011.0	AA 05500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OLM	N465817.90	W1225406.60	N4658.298	W12254.110
	CETRA	N464348.80	W1225945.19	N4643.813	W12259.753
	HOOME	N471827.69	W1224817.71	N4718.462	W12248.295
	OPOYU	N470511.93	W1225212.34	N4705.199	W12252.206
	YIYSU	N471110.45	W1225026.97	N4711.174	W12250.450
	RW17	N465834.92	W1225408.60	N4658.582	W12254.143
	IOLM (LOC)	N465731.92	W1225426.99	N4657.532	W12254.450

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00197	54

CITY AND STATE
OLYMPIA, WAELEVATION: 209 THRE: 197
AIRPORT NAME:
OLYMPIA RGNLFACILITY IDENTIFIER:
I-OLMPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 17, AMDT 12
3 APRIL 2014

SUP:

AMDT: 11

DATED: 02/11/2010

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
CABLE, WI	CABLE UNION	3 APRIL 2014	5

TAKEOFF MINIMUMS:

RWY 8, 26, NA - ENVIRONMENTAL.

RWY 16, 400 - 2 3/4 OR STANDARD WITH MINIMUM CLIMB OF 655 FEET PER NM TO 1900.

RWY 34, 200 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 316 FEET PER NM TO 1600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 16, CLIMB HEADING 164.83 TO 1900 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, TREES BEGINNING 15 FT FROM DER, 228 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/1421 FT MSL. TREES BEGINNING 572 FT FROM DER, 21 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/1574 FT MSL. VEHICLE ON ROAD, 636 FT FROM DER, ON CENTERLINE, 15 FT AGL/1388 FT MSL. TREES, FENCE, ROAD AND TERRAIN BEGINNING 18 FT FROM DER, 169 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1500 FT MSL. TREES, TERRAIN AND BUILDINGS BEGINNING 981 FT FROM DER, 9 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1720 FT MSL.

NOTE: RWY 34, TREES BEGINNING 40 FT FROM DER, 157 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/1427 FT MSL. TREES BEGINNING 171 FT FROM DER, 48 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/1368 FT MSL. TREES BEGINNING 1938 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1502 FT MSL. TREES BEGINNING 13 FT FROM DER, 216 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/1403 FT MSL. TREES, POLE AND BUILDINGS BEGINNING 610 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1531 FT MSL.

CONTROLLING OBSTACLES:

RWY 16, 1546 FT MSL TREE 461057.94N-0911446.30W, 1720 FT MSL TREE 460903.71N-0911439.30W.

RWY 34, 1531 FT MSL TREE 461305.53N-0911500.16W, 1502 FT MSL TREE 461232.74N-0911516.95W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 16 - 1795 FT MSL TOWER 461055.20N-0911510.22W.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks and radials are magnetic. Elevation 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.

City, State	Airport	Effective Date	Amdt. No.
CABLE, WI	CABLE UNION	3 APRIL 2014	5

FLIGHT INSPECTED BY:

GREG BAUER *[Signature]* 11.6.13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

GRACE NOWAK *[Signature]* AJV-353

04/24/2013

APPROVED BY:

LARRY STROUT, MANAGER *[Signature]* AJV-353

12.17.13

COORDINATED WITH:

AOPA, NBAA, ZMP, AMGR

CHANGES:

1. RWY 8/26 CHANGED FROM STANDARD TO NA: ENVIRONMENTAL.
2. RWY 16: TAKEOFF MINIMUMS CHANGED FROM STANDARD TO 400 - 2 3/4.
3. RWY 16: TEXTUAL DEPARTURE PROCEDURES CHANGED FROM WEST DEPARTURES, CLIMB RUNWAY HEADING TO 1900 BEFORE TURNING WESTBOUND TO CLIMB HEADING 164.83 TO 1900 BEFORE TURNING WESTBOUND.
4. RWY 34: TAKEOFF MINIMUMS CHANGED FROM STANDARD TO STANDARD WITH MINIMUM CLIMB OF 316 FEET PER NM TO 1600.
5. UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

1. RWY 8/26 SURVEYED TURF RUNWAY. NOT EVALUATED PER FPO.
2. NEW CONTROLLING OBSTACLE. MULTIPLE SURVEYED TREES REQUIRE A CLIMB GRADIENT IN EXCESS OF 500 FT PER NM. CEILING AND VISIBILITY ESTABLISHED TO MITIGATE THE OBSTACLES.
- 3, 4. NEW CONTROLLING OBSTACLES.
5. IAW 8260.46D, APPENDIX D.

12.14.13. THIS IS A AN UPDATED COPY OF THE FORM DEVELOPED ON 4.24.13.
RWY 16 VISIBILITY CHANGED FROM 3 TO 2 3/4. OBSTACLE IS LOCATED 2.56 SM FROM DER.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
SUPERIOR, WI	RICHARD I BONG	3 APRIL 2014	6

TAKEOFF MINIMUMS:

RWY 14, 22, 32, STANDARD.

RWY 4, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 386 FT PER NM TO 1000.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4 – CLIMB HEADING 037.85 TO 1900 BEFORE TURNING LEFT.

RWY 14 – CLIMB HEADING 141.15 TO 1200 BEFORE PROCEEDING ON COURSE.

RWY 22 – CLIMB HEADING 217.86 TO 1300 BEFORE PROCEEDING ON COURSE.

RWY 32 – CLIMB HEADING 321.15 TO 2200 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, NAVAID 11 FT FROM DER, 78 FT RIGHT OF CENTERLINE, 3 FT AGL/661 FT MSL. BUSH AND TREES BEGINNING 4 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/671 FT MSL. FENCE AND TREES BEGINNING 105 FT FROM DER, 202 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/677 FT MSL. TRAIN ON RAILROAD BEGINNING 459 FT FROM DER, 494 FT RIGHT OF CENTERLINE, UP TO 23 FT AGL/684 FT MSL. TREES BEGINNING 535 FT FROM DER, 375 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/699 FT MSL. TREES BEGINNING 865 FT FROM DER, 599 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/700 FT MSL. TREES BEGINNING 965 FT FROM DER, CROSSING CENTERLINE, UP TO 55 FT AGL/706 FT MSL. POLES BEGINNING 1692 FT FROM DER, 663 FT LEFT OF CENTERLINE, UP TO 64 FT AGL/715 FT MSL. CHIMNEY 4059 FT FROM DER, 1488 FT LEFT OF CENTERLINE, 225 FT AGL/861 FT MSL.

NOTE: RWY 14, NAVAID 49 FT FROM DER, 99 FT LEFT OF CENTERLINE, 3 FT AGL/675 FT MSL. NAVAID 50 FT FROM DER, 102 FT RIGHT OF CENTERLINE, 3 FT AGL/675 FT MSL. TREE 424 FT FROM DER, 568 FT RIGHT OF CENTERLINE, 16 FT AGL/687 FT MSL. VEHICLE ON ROAD BEGINNING 506 FT FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/689 FT MSL. TREES BEGINNING 573 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/706 FT MSL. TREES BEGINNING 579 FT FROM DER, 216 FT LEFT OF CENTERLINE, UP TO 21 FT AGL/692 FT MSL. TRAIN ON RAILROAD BEGINNING 805 FT FROM DER, CROSSING CENTERLINE, UP TO 23 FT AGL/698 FT MSL. TREES BEGINNING 1083 FT FROM DER, 119 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/711 FT MSL. POLE 1794 FT FROM DER, 956 FT LEFT OF CENTERLINE, 77 FT AGL/738 FT MSL. POLE 2166 FT FROM DER, 643 FT LEFT OF CENTERLINE, 72 FT AGL/733 FT MSL.

NOTE: RWY 22, TERRAIN 5 FT FROM DER, 380 FT LEFT OF CENTERLINE, 673 FT MSL. NAVAID 11 FT FROM DER, 78 FT RIGHT OF CENTERLINE, 3 FT AGL/671 FT MSL. NAVAID 12 FT FROM DER, 77 FT LEFT OF CENTERLINE, 3 FT AGL/673 FT MSL. TREES BEGINNING 84 FT FROM DER, 329 FT RIGHT OF CENTERLINE, UP TO 14 FT AGL/675 FT MSL. POLES BEGINNING 689 FT FROM DER, 424 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/696 FT MSL. POLE 1312 FT FROM DER, 793 FT LEFT OF CENTERLINE, 47 FT AGL/708 FT MSL. BLDG 1578 FT FROM DER, 831 FT RIGHT OF CENTERLINE, 49 FT AGL/720 FT MSL.

NOTE: RWY 32, NAVAID 49 FT FROM DER, 102 FT RIGHT OF CENTERLINE, 3 FT AGL/674 FT MSL. NAVAID 50 FT FROM DER, 101 FT LEFT OF CENTERLINE, 3 FT AGL/674 FT MSL. POLES BEGINNING 667 FT FROM DER, 413 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/696 FT MSL. SIGN AND TREES BEGINNING 1023 FT FROM DER, 117 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/714 FT MSL. TREES BEGINNING 1380 FT FROM DER, 23 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/720 FT MSL. TREE 1481 FT FROM DER, 825 FT RIGHT OF CENTERLINE, 51 FT AGL/712 FT MSL. COMMUNICATION TOWERS BEGINNING 3136 FT FROM DER, 1112 FT LEFT OF CENTERLINE, UP TO 118 FT AGL/779 FT MSL.

CONTROLLING OBSTACLES:

RWY 4: 861 FT MSL CHY 464242.11N/0920459.34W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 14, 22, 32 – 2049 FT MSL TOWER 464708.00N/0920712.00W.



U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
SUPERIOR, WI	RICHARD I BONG	3 APRIL 2014	6

REMARKS:

FLIGHT INSPECTED BY:

Kevin J. Riese

2/5/14

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

STEVEN NELSON

AJV-353

12/17/2013

APPROVED BY:

GEORGE GONZALEZ
MANAGER

AJV-353

2.19.14

COORDINATED WITH:

AOPA, NBAA, ZMP ARTCC, DLH APP CON, AMGR

CHANGES:

1. CHANGED TAKE OFF MINIMUMS FROM "RWYS 3, 13, 21, 31: STANDARD" TO "RWY 14, 22, 32, STANDARD. RWY 4, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 386 FT PER NM TO 1000."
2. ADDED TEXTUAL DEPARTURE PROCEDURES RWY 14 AND 22.
3. CHANGED IFR DEPARTURE PROCEDURE "RWY 3: CLIMB RUNWAY HEADING TO 2500 BEFORE TURNING WEST. RWY 31: CLIMB RUNWAY HEADING TO 2500 BEFORE TURNING NORTH" TO TEXTUAL DEPARTURE PROCEDURES "RWY 4 – CLIMB HEADING 037.85 TO 1900 BEFORE TURNING LEFT. RWY 32 – CLIMB HEADING 321.15 TO 2200 BEFORE TURNING RIGHT."
4. ADDED TAKEOFF OBSTACLES NOTES RWY 4, 14, 22, 32.
5. CHANGED DEPARTURE OBSTACLES FROM "RWYS 3, 31: 2049 TOWER 464708 / 920712" TO CONTROLLING OBSTACLES "RWY 4: 861 FT MSL CHY 464242.11N/0920459.34W. OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 4, 14, 22 – 2049 FT MSL TOWER 464708.00N/0920712.00W."

REASONS:

- 1-5. REFLECTS CURRENT AIRPORT DATA, DATABASE OBSTACLES AND CRITERIA.



[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. [30948](#); Amdt. No. [3582](#)]

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 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 ² 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: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420) Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South

3

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 [FEBRUARY 28, 2014](#).

A handwritten signature in black ink, appearing to read "John Duncan", with a long horizontal flourish extending to the right.

John Duncan
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
4/3/2014	OK	Pryor	Mid-America Industrial	4/4127	02/10/14	This NOTAM published in TL 14-07, is hereby rescinded in its entirety.
4/3/2014	MT	Great Falls	Great Falls Intl	4/0254	2/27/14	ILS OR LOC/DME RWY 3, ILS RWY 3 (SA CAT I), ILS RWY 3 (CAT II & III), Amdt 5
4/3/2014	MD	Baltimore	Martin State	4/2135	02/19/14	VOR/DME OR TACAN Z RWY 15, Orig
4/3/2014	NJ	Newark	Newark Liberty Intl	4/2155	02/19/14	COPTER ILS/DME RWY 22L, Orig-B
4/3/2014	TN	Nashville	Nashville Intl	4/2852	02/14/14	VOR/DME RWY 13, Amdt 13B
4/3/2014	TX	College Station	Easterwood Field	4/4178	02/13/14	VOR OR TACAN RWY 10, Amdt 19A
4/3/2014	NC	Clinton	Clinton-Sampson County	4/4644	02/12/14	RNAV (GPS) Y RWY 24, Amdt 1
4/3/2014	NC	Clinton	Clinton-Sampson County	4/4645	02/12/14	LOC RWY 6, Amdt 3
4/3/2014	NC	Clinton	Clinton-Sampson County	4/4648	02/12/14	RNAV (GPS) RWY 6, Amdt 2
4/3/2014	NC	Clinton	Clinton-Sampson County	4/4649	02/12/14	VOR/DME A, Amdt 6
4/3/2014	FL	Brooksville	Hernando County	4/4682	02/13/14	RNAV (GPS) RWY 21, Amdt 1B
4/3/2014	TN	Trenton	Gibson County	4/4965	02/13/14	RNAV (GPS) RWY 19, Orig
4/3/2014	TN	Trenton	Gibson County	4/4966	02/13/14	VOR/DME A, Amdt 6
4/3/2014	TN	Trenton	Gibson County	4/4967	02/13/14	RNAV (GPS) RWY 1, Orig
4/3/2014	MD	Easton	Easton/Newnam Field	4/5001	02/13/14	RNAV (GPS) RWY 22, Amdt 1
4/3/2014	MD	Easton	Easton/Newnam Field	4/5002	02/13/14	RNAV (GPS) RWY 33, Orig
4/3/2014	MD	Easton	Easton/Newnam Field	4/5003	02/13/14	RNAV (GPS) RWY 4, Orig
4/3/2014	MD	Easton	Easton/Newnam Field	4/5005	02/13/14	RNAV (GPS) RWY 15, Orig
4/3/2014	MD	Easton	Easton/Newnam Field	4/5006	02/13/14	ILS OR LOC/DME RWY 4, Amdt 1
4/3/2014	ME	Lincoln	Lincoln Rgnl	4/5187	02/13/14	RNAV (GPS) RWY 17, Orig
4/3/2014	ME	Lincoln	Lincoln Rgnl	4/5190	02/13/14	RNAV (GPS) RWY 35, Orig
4/3/2014	MS	Starkville	Oktibbeha	4/5239	02/13/14	Takeoff Minimums and (Obstacle) DP, Orig

4/3/2014	DC	Washington	Manassas Rgnl/Harry P. Davis Field	4/5242	02/07/14	RNAV (GPS) RWY 16R, Amdt 1
4/3/2014	SC	Hartsville	Hartsville Rgnl	4/5253	02/12/14	NDB RWY 21, Amdt 1
4/3/2014	SC	Hartsville	Hartsville Rgnl	4/5254	02/12/14	RNAV (GPS) RWY 21, Orig-A
4/3/2014	SC	Hartsville	Hartsville Rgnl	4/5255	02/12/14	NDB RWY 3, Amdt 1
4/3/2014	SC	Hartsville	Hartsville Rgnl	4/5256	02/12/14	RNAV (GPS) RWY 3, Orig-A
4/3/2014	PA	Allentown	Allentown Queen City Muni	4/5291	02/13/14	VOR B, Amdt 8A
4/3/2014	PA	Allentown	Allentown Queen City Muni	4/5292	02/13/14	RNAV (GPS) RWY 7, Amdt 1A
4/3/2014	PA	Reading	Reading Rgnl/Carl A Spaatz Field	4/5561	02/13/14	RNAV (GPS) RWY 36, Orig
4/3/2014	PA	Reading	Reading Rgnl/Carl A Spaatz Field	4/5562	02/13/14	ILS OR LOC RWY 36, Amdt 30A
4/3/2014	PA	Reading	Reading Rgnl/Carl A Spaatz Field	4/5563	02/13/14	ILS OR LOC RWY 13, Amdt 1A
4/3/2014	ME	Eastport	Eastport Muni	4/5832	02/12/14	RNAV (GPS) RWY 33, Orig
4/3/2014	ME	Eastport	Eastport Muni	4/5833	02/12/14	NDB RWY 33, Amdt 1
4/3/2014	ME	Eastport	Eastport Muni	4/5834	02/12/14	NDB RWY 15, Amdt 1
4/3/2014	ME	Eastport	Eastport Muni	4/5835	02/12/14	RNAV (GPS) RWY 15, Orig
4/3/2014	PA	Shamokin	Northumberland County	4/5838	02/13/14	VOR RWY 8, Amdt 3B
4/3/2014	PA	Shamokin	Northumberland County	4/5839	02/13/14	RNAV (GPS) RWY 26, Orig
4/3/2014	PA	Shamokin	Northumberland County	4/5840	02/13/14	RNAV (GPS) RWY 8, Orig-A
4/3/2014	MN	Willmar	Willmar Muni-John L Rice Field	4/5859	02/14/14	VOR RWY 31, Orig
4/3/2014	MA	Plymouth	Plymouth Muni	4/5886	02/13/14	ILS OR LOC/DME RWY 6, Amdt 1B
4/3/2014	MA	Plymouth	Plymouth Muni	4/5887	02/13/14	RNAV (GPS) RWY 6, Amdt 1
4/3/2014	NJ	Old Bridge	Old Bridge	4/5891	02/13/14	RNAV (GPS) RWY 6, Orig
4/3/2014	NJ	Old Bridge	Old Bridge	4/5892	02/13/14	VOR RWY 24, Amdt 4
4/3/2014	NJ	Old Bridge	Old Bridge	4/5893	02/13/14	RNAV (GPS) RWY 24, Orig
4/3/2014	GA	Fort Stewart (Hinesville)	Wright AAF (Fort Stewart)/Midcoast Rgnl	4/5894	02/19/14	NDB RWY 33R, Orig
4/3/2014	GA	Fort Stewart (Hinesville)	Wright AAF (Fort Stewart)/Midcoast Rgnl	4/5895	02/19/14	RNAV (GPS) RWY 33R, Orig
4/3/2014	MS	Meridian	Key Field	4/5911	02/13/14	ILS OR LOC RWY 19, Amdt 1A
4/3/2014	FL	Fort Myers	Page Field	4/6069	02/12/14	RNAV (GPS) RWY 13, Amdt 1A
4/3/2014	FL	Fort Myers	Page Field	4/6070	02/12/14	VOR RWY 13, Orig-C
4/3/2014	FL	Fort Myers	Page Field	4/6071	02/12/14	ILS OR LOC RWY 5, Amdt 7

4/3/2014	FL	Fort Myers	Page Field	4/6072	02/12/14	RNAV (GPS) RWY 23, Orig
4/3/2014	FL	Fort Myers	Page Field	4/6076	02/12/14	RNAV (GPS) RWY 5, Orig
4/3/2014	FL	Fort Myers	Page Field	4/6078	02/12/14	RNAV (GPS) RWY 31, Orig
4/3/2014	IA	Fort Dodge	Fort Dodge Rgnl	4/6186	02/21/14	RNAV (GPS) RWY 30, Amdt 1
4/3/2014	IA	Fort Dodge	Fort Dodge Rgnl	4/6189	02/21/14	ILS OR LOC RWY 6, Amdt 7B
4/3/2014	IA	Fort Dodge	Fort Dodge Rgnl	4/6190	02/21/14	RNAV (GPS) RWY 6, Amdt 1
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6209	02/13/14	NDB RWY 35, Amdt 19A
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6210	02/13/14	RNAV (GPS) RWY 35, Orig-A
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6211	02/13/14	RADAR-1, Amdt 9A
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6212	02/13/14	VOR RWY 35, Amdt 17A
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6213	02/13/14	VOR RWY 23, Amdt 17
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6214	02/13/14	ILS OR LOC RWY 35, Amdt 22B
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6215	02/13/14	VOR RWY 5, Orig-B
4/3/2014	MI	Kalamazoo	Kalamazoo/Battle Creek Intl	4/6216	02/13/14	VOR RWY 17, Amdt 18A
4/3/2014	AL	Prattville	Prattville - Grouby Field	4/6235	02/13/14	RNAV (GPS) RWY 27, Orig
4/3/2014	AL	Prattville	Prattville - Grouby Field	4/6236	02/13/14	VOR/DME A, Amdt 3
4/3/2014	AL	Prattville	Prattville - Grouby Field	4/6237	02/13/14	RNAV (GPS) RWY 9, Amdt 2A
4/3/2014	OH	Dayton	James M Cox Dayton Intl	4/6344	02/13/14	ILS OR LOC RWY 24R, Amdt 9A
4/3/2014	TN	Bristol/Johnson/Kingsport	Tri-Cities Rgnl TN/VA	4/6345	02/14/14	ILS OR LOC RWY 23, ILS RWY 23 (CAT II), Amdt 24E
4/3/2014	AL	Fayette	Richard Arthur Field	4/6346	02/13/14	RNAV (GPS) RWY 36, Amdt 1
4/3/2014	AL	Fayette	Richard Arthur Field	4/6347	02/13/14	RNAV (GPS) RWY 18, Amdt 1
4/3/2014	PA	Beaver Falls	Beaver County	4/6348	02/12/14	LOC RWY 10, Amdt 4
4/3/2014	PA	Beaver Falls	Beaver County	4/6349	02/12/14	RNAV (GPS) RWY 10, Orig
4/3/2014	PA	Beaver Falls	Beaver County	4/6350	02/12/14	RNAV (GPS) RWY 28, Orig
4/3/2014	PA	Beaver Falls	Beaver County	4/6371	02/12/14	VOR RWY 28, Amdt 10
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6927	02/14/14	RNAV (GPS) RWY 7R, Orig-C
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6928	02/14/14	RNAV (GPS) RWY 34, Amdt 2B
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6929	02/14/14	ILS OR LOC RWY 7L, Amdt 31

4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6930	02/14/14	RNAV (GPS) RWY 7L, Amdt 1
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6931	02/14/14	RNAV (GPS) RWY 25R, Amdt 3
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6932	02/14/14	VOR RWY 16, Amdt 18A
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6933	02/14/14	ILS OR LOC RWY 25R, Orig
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6934	02/14/14	RNAV (GPS) RWY 16, Amdt 1A
4/3/2014	FL	Daytona Beach	Daytona Beach Intl	4/6935	02/14/14	RNAV (GPS) RWY 25L, Amdt 1
4/3/2014	PA	Bradford	Bradford Rgnl	4/7013	02/13/14	RNAV (GPS) RWY 32, Amdt 1A
4/3/2014	MD	Ocean City	Ocean City Muni	4/7116	02/12/14	VOR A, Amdt 3
4/3/2014	MD	Ocean City	Ocean City Muni	4/7117	02/12/14	RNAV (GPS) RWY 32, Orig
4/3/2014	MD	Ocean City	Ocean City Muni	4/7119	02/12/14	LOC RWY 14, Amdt 2
4/3/2014	MD	Ocean City	Ocean City Muni	4/7120	02/12/14	RNAV (GPS) RWY 2, Orig
4/3/2014	TX	Waco	TSTC Waco	4/7183	02/14/14	RNAV (GPS) RWY 35R, Amdt 1
4/3/2014	IN	Anderson	Anderson Muni-Darlington Field	4/7383	02/21/14	RNAV (GPS) RWY 30, Orig
4/3/2014	IN	Anderson	Anderson Muni-Darlington Field	4/7384	02/21/14	VOR A, Amdt 9
4/3/2014	IN	Anderson	Anderson Muni-Darlington Field	4/7385	02/21/14	NDB RWY 30, Amdt 6
4/3/2014	IN	Anderson	Anderson Muni-Darlington Field	4/7386	02/21/14	ILS OR LOC RWY 30, Amdt 1
4/3/2014	OH	Ashtabula	Northeast Ohio Rgnl	4/7388	02/21/14	VOR RWY 9, Orig-B
4/3/2014	OH	Ashtabula	Northeast Ohio Rgnl	4/7389	02/21/14	RNAV (GPS) RWY 27, Orig-A
4/3/2014	OH	Ashtabula	Northeast Ohio Rgnl	4/7390	02/21/14	RNAV (GPS) RWY 9, Orig-A
4/3/2014	OH	Ashtabula	Northeast Ohio Rgnl	4/7393	02/21/14	VOR/DME RWY 27, Amdt 6B
4/3/2014	TX	Cleburne	Cleburne Rgnl	4/7406	02/13/14	LOC/DME RWY 15, Orig-C
4/3/2014	TX	Corsicana	C David Campbell Field-Corsicana Muni	4/7407	02/14/14	NDB RWY 32, Amdt 3A
4/3/2014	TX	Corsicana	C David Campbell Field-Corsicana Muni	4/7408	02/14/14	NDB RWY 14, Amdt 4A
4/3/2014	TX	Corsicana	C David Campbell Field-Corsicana Muni	4/7409	02/14/14	VOR/DME A, Amdt 1A
4/3/2014	VA	South Hill	Mecklenburg-Brunswick Rgnl	4/7410	02/14/14	LOC RWY 1, Orig-A
4/3/2014	TX	Corsicana	C David Campbell Field-Corsicana Muni	4/7411	02/14/14	VOR/DME B, Amdt 1A
4/3/2014	VA	South Hill	Mecklenburg-Brunswick Rgnl	4/7412	02/14/14	RNAV (GPS) RWY 19, Orig
4/3/2014	VA	South Hill	Mecklenburg-Brunswick Rgnl	4/7413	02/14/14	RNAV (GPS) RWY 1, Orig

4/3/2014	MA	Marshfield	Marshfield Muni - George Harlow Field	4/7418	02/14/14	RNAV (GPS) RWY 6, Orig-A
4/3/2014	MA	Marshfield	Marshfield Muni - George Harlow Field	4/7419	02/14/14	RNAV (GPS) RWY 24, Orig
4/3/2014	MA	Marshfield	Marshfield Muni - George Harlow Field	4/7420	02/14/14	NDB RWY 24, Amdt 2A
4/3/2014	MA	Marshfield	Marshfield Muni - George Harlow Field	4/7421	02/14/14	NDB RWY 6, Amdt 4C
4/3/2014	KS	Hutchinson	Hutchinson Muni	4/7745	02/21/14	ILS OR LOC RWY 13, Amdt 16C
4/3/2014	KS	Hutchinson	Hutchinson Muni	4/7746	02/21/14	NDB RWY 13, Amdt 15A
4/3/2014	WI	West Bend	West Bend Muni	4/7984	02/14/14	RNAV (GPS) RWY 31, Orig
4/3/2014	WI	West Bend	West Bend Muni	4/7985	02/14/14	RNAV (GPS) RWY 13, Orig-A
4/3/2014	WI	West Bend	West Bend Muni	4/7986	02/14/14	RNAV (GPS) RWY 24, Orig
4/3/2014	WI	West Bend	West Bend Muni	4/7987	02/14/14	VOR RWY 24, Amdt 3B
4/3/2014	WI	West Bend	West Bend Muni	4/7988	02/14/14	VOR RWY 13, Amdt 5B
4/3/2014	WI	West Bend	West Bend Muni	4/7989	02/14/14	LOC RWY 31, Orig-C
4/3/2014	WI	West Bend	West Bend Muni	4/7990	02/14/14	RNAV (GPS) RWY 6, Orig-A
4/3/2014	FL	West Palm Beach	Palm Beach Intl	4/7998	02/19/14	ILS OR LOC RWY 28R, Amdt 3
4/3/2014	FL	West Palm Beach	Palm Beach Intl	4/7999	02/19/14	RNAV (GPS) Y RWY 28R, Amdt 2
4/3/2014	FL	West Palm Beach	Palm Beach Intl	4/8000	02/19/14	RNAV (GPS) Y RWY 32, Amdt 2
4/3/2014	TN	Covington	Covington Muni	4/8323	02/14/14	Takeoff Minimums and (Obstacle) DP, Orig
4/3/2014	NY	New York	Long Island Mac Arthur	4/8346	02/19/14	RNAV (GPS) RWY 6, Amdt 1
4/3/2014	NY	New York	Long Island Mac Arthur	4/8347	02/19/14	RNAV (GPS) RWY 33L, Orig
4/3/2014	NY	New York	Long Island Mac Arthur	4/8348	02/19/14	RNAV (GPS) RWY 24, Amdt 1A
4/3/2014	NY	New York	Long Island Mac Arthur	4/8349	02/19/14	ILS OR LOC RWY 24, Amdt 4A
4/3/2014	NY	New York	Long Island Mac Arthur	4/8350	02/19/14	RNAV (GPS) RWY 15R, Orig
4/3/2014	ME	Auburn/Lewiston	Auburn/Lewiston Muni	4/8497	02/19/14	VOR/DME A, Amdt 1
4/3/2014	ME	Auburn/Lewiston	Auburn/Lewiston Muni	4/8498	02/19/14	RNAV (GPS) RWY 22, Amdt 1
4/3/2014	GA	Dublin	W H 'Bud' Barron	4/8502	02/21/14	RNAV (GPS) RWY 2, Orig
4/3/2014	GA	Dublin	W H 'Bud' Barron	4/8504	02/21/14	RNAV (GPS) RWY 20, Orig
4/3/2014	GA	Dublin	W H 'Bud' Barron	4/8505	02/21/14	ILS OR LOC RWY 2, Amdt 2A
4/3/2014	GA	Fort Stewart (Hinesville)	Wright AAF (Fort Stewart)/Midcoast Rgnl	4/8873	02/19/14	RNAV (GPS) RWY 6L, Orig

4/3/2014	PA	Lancaster	Lancaster	4/8874	02/21/14	VOR/DME RWY 31, Amdt 4A
4/3/2014	PA	Lancaster	Lancaster	4/8875	02/21/14	VOR RWY 31, Amdt 16
4/3/2014	PA	Lancaster	Lancaster	4/8876	02/21/14	VOR/DME RWY 26, Amdt 10
4/3/2014	PA	Lancaster	Lancaster	4/8877	02/21/14	VOR/DME RWY 8, Amdt 6
4/3/2014	PA	Lancaster	Lancaster	4/8878	02/21/14	VOR RWY 8, Amdt 21
4/3/2014	MD	Ocean City	Ocean City Muni	4/9173	02/18/14	RNAV (GPS) RWY 14, Orig-D
4/3/2014	MD	Cumberland	Greater Cumberland Rgnl	4/9215	02/21/14	RNAV (GPS) RWY 23, Orig-A
4/3/2014	MD	Cumberland	Greater Cumberland Rgnl	4/9216	02/21/14	LOC/DME RWY 23, Amdt 6B
4/3/2014	MD	Cumberland	Greater Cumberland Rgnl	4/9217	02/21/14	LOC A, Amdt 4
4/3/2014	MI	Ann Arbor	Ann Arbor Muni	4/9257	02/21/14	RNAV (GPS) RWY 24, Amdt 2A
4/3/2014	NH	Lebanon	Lebanon Muni	4/9258	02/21/14	RNAV (GPS) RWY 36, Orig
4/3/2014	NH	Lebanon	Lebanon Muni	4/9259	02/21/14	RNAV (GPS) RWY 25, Orig
4/3/2014	NH	Lebanon	Lebanon Muni	4/9260	02/21/14	VOR/DME RWY 7, Amdt 1B
4/3/2014	NH	Lebanon	Lebanon Muni	4/9262	02/21/14	VOR RWY 25, Amdt 1
4/3/2014	NH	Lebanon	Lebanon Muni	4/9263	02/21/14	RNAV (GPS) RWY 7, Orig-B
4/3/2014	NH	Lebanon	Lebanon Muni	4/9264	02/21/14	RNAV (GPS) RWY 18, Orig

AIRAC Date: 3 APRIL 2014

FDC **4/0254** GTF IAP GREAT FALLS INTL, GREAT FALLS, MT ILS OR LOC/DME RWY 3 AMDT 5 ILS RWY 3 (SA CAT I) AMDT 5 ILS RWY 3 (CAT II & III) AMDT 5 CHANGE ALTERNATE MISSED APPROACH HOLDING TO 206 INBOUND. THIS IS: ILS OR LOC/DME RWY 3 AMDT 5A ILS RWY 3 (SA CAT I) AMDT 5A ILS RWY 3 (CAT II & III) AMDT 5A 1401032000-PERM

FDC **4/2135** MTN IAP MARTIN STATE, BALTIMORE, MD. VOR/DME OR TACAN Z RWY 15, ORIG... TERMINAL ROUTE: SLOAF TO CUMBE R-021 MINIMUM ALTITUDE 2600. CHART ZOVP AT BAL R-047/14.7 DME. CHART MAP IN PROFILE AS BAL R-060/14.7 DME. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BALTIMORE/WASHINGTON INTL THURGOOD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE S-15 AND CIRCLING CATS A/C/D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE DESCENT ANGLE AND TCH: 3.03/55. DELETE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. THIS IS VOR/DME OR TACAN Z RWY 15, ORIG-A. 1401141540-PERM

FDC **4/2155** EWR IAP NEWARK LIBERTY INTL, NEWARK, NJ. COPTER ILS/DME RWY 22L, ORIG-B... DELETE AYRON OM. CHANGE AYRON OM I-LSQ 4.6 DME FIX TO AYRON I-LSQ 4.6 DME FIX. THIS IS COPTER ILS/DME RWY 22L, ORIG-C. 1401141630-PERM

FDC **4/2852** BNA IAP NASHVILLE INTL, NASHVILLE, TN. VOR/DME RWY 13, AMDT 13B... CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 13, AMDT 13C. 1401162021-PERM

FDC **4/4178** CLL IAP EASTERWOOD FIELD, COLLEGE STATION, TX. VOR OR TACAN RWY 10, AMDT 19A... CHART NOTE: DME REQUIRED. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR OR TACAN RWY 10, AMDT 19B. 1401241856-PERM

FDC **4/4644** CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. RNAV (GPS) Y RWY 24, AMDT 1... CHART NOTE: RWY 24 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) Y RWY 24, AMDT 1A. 1401281713-PERM

FDC **4/4645** CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. LOC RWY 6, AMDT 3... CHART NOTE: CIRCLING TO RWY 24 NA AT NIGHT. THIS IS LOC RWY 6, AMDT 3A. 1401281713-PERM

FDC **4/4648** CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. RNAV (GPS) RWY 6, AMDT 2... CHART NOTE: CIRCLING TO RWY 24 NA AT NIGHT. THIS IS RNAV (GPS) RWY 6, AMDT 2A. 1401281713-PERM

FDC **4/4649** CTZ IAP CLINTON-SAMPSON COUNTY, CLINTON, NC. VOR/DME A, AMDT 6... CHART NOTE: CIRCLING TO RWY 24 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS VOR/DME A, AMDT 6A. 1401281713-PERM

FDC **4/4682** BKV IAP HERNANDO COUNTY, BROOKSVILLE, FL. RNAV (GPS) RWY 21, AMDT 1B... LNAV MDA 500/HAT 431 ALL CATS. VISIBILITY CAT D 1 1/2. DELETE NOTE: RWY 21 STRAIGHT-IN/CIRCLING AND CIRCLING RWY 3/27 NA AT NIGHT. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CAT C AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 21, AMDT 1C. 1401281823-PERM

FDC **4/4965** TGC IAP GIBSON COUNTY, TRENTON, TN. RNAV (GPS) RWY 19, ORIG... CIRCLING: MDA 980/HAA 621 ALL CATS. VIS CAT C 1 3/4. MCKELLAR-SIPES ALTIMETER SETTING MINIMUMS: CIRCLING: MDA 1040/HAA 681 ALL CATS. VIS CAT C 2, CAT D 2 1/4. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE VDP. DELETE NOTE: CIRCLING TO RWY 1 NA AT NIGHT. DELETE NOTE: VDP NA WHEN USING MCKELLAR-SIPES RGNL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 19, ORIG-A. 1401292101-PERM

FDC **4/4966** TGC IAP GIBSON COUNTY, TRENTON, TN. VOR/DME A, AMDT 6... CIRCLING: MDA 980/HAA 621 ALL CATS. VIS CAT C 1 3/4. MCKELLAR-SIPES ALTIMETER SETTING MINIMUMS: CIRCLING: MDA 1040/HAA 681 ALL CATS. VIS CAT C 2, CAT D 2 1/4. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS VOR/DME A, AMDT 6A. 1401292101-PERM

FDC **4/4967** TGC IAP GIBSON COUNTY, TRENTON, TN. RNAV (GPS) RWY 1, ORIG... CIRCLING: MDA 980/HAA 621 ALL CATS. VIS CAT C 1 3/4. MCKELLAR-SIPES ALTIMETER SETTING MINIMUMS: CIRCLING: MDA 1040/HAA 681 ALL CATS. VIS CAT C 2, CAT D 2 1/4. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTES: STRAIGHT-IN MINIMUMS NA AT NIGHT. CIRCLING TO RWY 1 NA AT NIGHT. THIS IS RNAV (GPS) RWY 1, ORIG-A. 1401292101-PERM

FDC **4/5001** ESN IAP EASTON/NEWNAM FIELD, EASTON, MD. RNAV (GPS) RWY 22, AMDT 1... CHANGE WHEN VGSI INOP, CIRCLING RWY 15/33 NA AT NIGHT
NOTE TO READ: NIGHT LANDING: RWY 15, 33 NA. DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN AND CIRCLING RWY 22 PROCEDURE NA AT NIGHT.
CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ
HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 22, AMDT 1A. 1401292151-PERM

FDC **4/5002** ESN IAP EASTON/NEWNAM FIELD, EASTON, MD. RNAV (GPS) RWY 33, ORIG... CHART NOTE: NIGHT LANDING: RWY 15, 33 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1401292151-PERM

FDC **4/5003** ESN IAP EASTON/NEWNAM FIELD, EASTON, MD. RNAV (GPS) RWY 4, ORIG... CHART NOTE: NIGHT LANDING: RWY 15, 33 NA. THIS IS RNAV (GPS) RWY 4, ORIG-A. 1401292151-PERM

FDC **4/5005** ESN IAP EASTON/NEWNAM FIELD, EASTON, MD. RNAV (GPS) RWY 15, ORIG... CHART NOTE: NIGHT LANDING: RWY 15, 33 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1401292151-PERM

FDC **4/5006** ESN IAP EASTON/NEWNAM FIELD, EASTON, MD. ILS OR LOC/DME RWY 4, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 15, 33 NA. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 541. THIS IS ILS OR LOC/DME RWY 4, AMDT 1A. 1401292151-PERM

FDC **4/5187** LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 17, ORIG... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 17, ORIG-A. 1401301611-PERM

FDC **4/5190** LRG IAP LINCOLN RGNL, LINCOLN, ME. RNAV (GPS) RWY 35, ORIG... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 35, ORIG-A. 1401301611-PERM

FDC **4/5239** M51 ODP OKTIBBEHA, STARKVILLE, MS. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... CHANGE ALL REFERENCE FROM RWY 13/31, 18/36 TO RWY 14/32, 19/01. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A. 1401301724-PERM

FDC **4/5242** HEF IAP MANASSAS RGNL/HARRY P. DAVIS FIELD, WASHINGTON, DC. RNAV (GPS) RWY 16R, AMDT 1... CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED USE WASHINGTON DULLES INTL ALTIMETER SETTING AND INCREASE ALL DA 49 FEET AND ALL MDA 60 FT, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS 1/4 MILE, LNAV CAT C/D VISIBILITY 1/8 MILE, AND CIRCLING CAT C/D 1/4 MILE. THIS IS RNAV (GPS) RWY 16R, AMDT 1A. 1401301728-PERM

FDC **4/5253** HVS IAP HARTSVILLE RGNL, HARTSVILLE, SC. NDB RWY 21, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 21, AMDT 1A. 1401301815-PERM

FDC **4/5254** HVS IAP HARTSVILLE RGNL, HARTSVILLE, SC. RNAV (GPS) RWY 21, ORIG-A... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER RESTRICTION NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 21, ORIG-B. 1401301815-PERM

FDC **4/5255** HVS IAP HARTSVILLE RGNL, HARTSVILLE, SC. NDB RWY 3, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 3, AMDT 1A. 1401301815-PERM

FDC **4/5256** HVS IAP HARTSVILLE RGNL, HARTSVILLE, SC. RNAV (GPS) RWY 3, ORIG-A... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. THIS IS RNAV (GPS) RWY 3, ORIG-B. 1401301815-PERM

FDC **4/5291** XLL IAP ALLENTOWN QUEEN CITY MUNI, ALLENTOWN, PA. VOR B, AMDT 8A... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 7 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 7 CAT C NA. THIS IS VOR B, AMDT 8B. 1401301846-PERM

FDC **4/5292** XLL IAP ALLENTOWN QUEEN CITY MUNI, ALLENTOWN, PA. RNAV (GPS) RWY 7, AMDT 1A... CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 7 CAT C NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS RNAV (GPS) RWY 7, AMDT 1B. 1401301846-PERM

FDC **4/5561** RDG IAP READING RGNL/CARL A SPAATZ FIELD, READING, PA. RNAV (GPS) RWY 36, ORIG... LNAV/VNAV DA 835/HAT 492 ALL CATS. CIRCLING CATS A-C MDA 1020/HAA 676, CAT D MDA 1140/HAA 796, VIS CAT C 2. CHANGE STRAIGHT-IN MINIMUMS NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 18, 31 NA. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARRISBURG INTL ALTIMETER SETTING AND INCREASE LPV DA TO 715 FEET AND VISIBILITY 1/4 MILE, INCREASE LNAV/VNAV DA TO 928 FEET AND VISIBILITY 1/4 MILE AND INCREASE ALL MDA 100 FEET, AND LNAV CATS C AND D VISIBILITY 1/4 MILE, AND CIRCLING CATS B AND C VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. VDP 1.12 MILES TO RW36*. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1401311848-PERM

FDC **4/5562** RDG IAP READING RGNL/CARL A SPAATZ FIELD, READING, PA. ILS OR LOC RWY 36, AMDT 30A... CIRCLING CATS A-C MDA 1020/HAA 676, CAT D MDA 1140/HAA 796, VIS CAT C 2. CHANGE STRAIGHT-IN MINIMUMS NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 18, 31 NA. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARRISBURG INTL ALTIMETER SETTING AND INCREASE S-ILS 36 DA TO 686 FEET AND ALL CATS VISIBILITY 1/4 MILE, AND INCREASE ALL MDA 100 FEET, AND S-LOC 36 CATS C AND D VISIBILITY 1/4 MILE, AND CIRCLING CATS B AND C VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS ILS OR LOC RWY 36, AMDT 30B. 1401311848-PERM

FDC **4/5563** RDG IAP READING RGNL/CARL A SPAATZ FIELD, READING, PA. ILS OR LOC RWY 13, AMDT 1A... CIRCLING CATS A-C MDA 1020/HAA 676, CAT D MDA 1140/HAA 796, VIS CAT C 2. CHART NOTE: NIGHT LANDING: RWY 18, 31 NA. CHANGE LOCAL ALTIMETER NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARRISBURG INTL ALTIMETER SETTING AND INCREASE S-ILS 13 CATS A AND B DA TO 637 FEET AND VISIBILITY 1/4 MILE, CATS C AND D DA TO 687 FEET AND VISIBILITY 1/2 MILE, AND INCREASE ALL MDA 100 FEET, AND S-LOC 13 CATS C AND D VISIBILITY 1/4 MILE, CIRCLING CATS B AND C VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 13, AMDT 1B. 1401311848-PERM

FDC **4/5832** EPM IAP EASTPORT MUNI, EASTPORT, ME. RNAV (GPS) RWY 33, ORIG... LNAV MDA 520/HAT 475 ALL CATS. CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET, INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE LNAV CAT D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP NA WITH HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING NOTE. DELETE VDP. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 33, ORIG-A. 1402031531-PERM

FDC **4/5833** EPM IAP EASTPORT MUNI, EASTPORT, ME. NDB RWY 33, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET, INCREASE S-33 CAT C AND CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE S-33 CAT D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 33, AMDT 1A. 1402031531-PERM

FDC **4/5834** EPM IAP EASTPORT MUNI, EASTPORT, ME. NDB RWY 15, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET, INCREASE S-33 CAT C AND CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE S-33 CAT D AND CIRCLING CAT D VISIBILITY 1/4 MILE. THIS IS NDB RWY 15, AMDT 1A. 1402031531-PERM

FDC **4/5835** EPM IAP EASTPORT MUNI, EASTPORT, ME. RNAV (GPS) RWY 15, ORIG... CHART NOTE: PROCEDURE NA AT NIGHT. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET, INCREASE LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE LNAV CAT D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. DELETE VDP NA WITH HANCOCK COUNTY-BAR HARBOR ALTIMETER SETTING NOTE. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 15, ORIG-A. 1402031531-PERM

FDC **4/5838** N79 IAP NORTHUMBERLAND COUNTY, SHAMOKIN, PA. VOR RWY 8, AMDT 3B... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR RWY 8, AMDT 3C. 1402031542-PERM

FDC **4/5839** N79 IAP NORTHUMBERLAND COUNTY, SHAMOKIN, PA. RNAV (GPS) RWY 26, ORIG... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 26, ORIG-A. 1402031542-PERM

FDC **4/5840** N79 IAP NORTHUMBERLAND COUNTY, SHAMOKIN, PA. RNAV (GPS) RWY 8, ORIG-A... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 26 NA AT NIGHT. DELETE NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 8 PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 8, ORIG-B. 1402031542-PERM

FDC **4/5859** BDH IAP WILLMAR MUNI-JOHN L RICE FIELD, WILLMAR, MN. VOR RWY 31, ORIG... EBNOW FIX MINIMUMS CIRCLING CATS A/B/C MDA 1620/ HAA 494. THIS IS VOR RWY 31, ORIG-A. 1402031633-PERM

FDC **4/5886** PYM IAP PLYMOUTH MUNI, PLYMOUTH, MA. ILS OR LOC/DME RWY 6, AMDT 1B... DELETE NOTES: CIRCLING TO RWY 15 NA AT NIGHT. WHEN VGSI INOP, CIRCLING RWY 24, 33 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 15, 24, 33 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS ILS OR LOC/DME RWY 6, AMDT 1C. 1402031729-PERM

FDC **4/5887** PYM IAP PLYMOUTH MUNI, PLYMOUTH, MA. RNAV (GPS) RWY 6, AMDT 1... DELETE NOTES: CIRCLING TO RWY 15 NA AT NIGHT. WHEN VGSI INOP, CIRCLING RWY 24, 33 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 15, 24, 33 NA. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 6, AMDT 1A. 1402031729-PERM

FDC **4/5891** 3N6 IAP OLD BRIDGE, OLD BRIDGE, NJ. RNAV (GPS) RWY 6, ORIG... CHANGE PROCEDURE NA AT NIGHT EXCEPT BY PRIOR ARRANGEMENT FOR RUNWAY LIGHTS NOTE TO READ: PROCEDURE NA AT NIGHT. DELETE NOTE: CIRCLING NA AT NIGHT. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHART BELMAR/FARMINGDALE AWOS-3. CHART MSA RW 06 25 NM 2900. THIS IS RNAV (GPS) RWY 6, ORIG-A. 1402031751-PERM

FDC **4/5892** 3N6 IAP OLD BRIDGE, OLD BRIDGE, NJ. VOR RWY 24, AMDT 4... CHANGE PROCEDURE NA AT NIGHT EXCEPT BY PRIOR ARRANGEMENT FOR RUNWAY LIGHTS NOTE TO READ: PROCEDURE NA AT NIGHT. DELETE NOTE: CIRCLING NA AT NIGHT CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHART BELMAR/FARMINGDALE AWOS-3. CHART MSA RBV 25 NM 080-260 2200, 260-080 1800. THIS IS VOR RWY 24, AMDT 4A. 1402031751-PERM

FDC **4/5893** 3N6 IAP OLD BRIDGE, OLD BRIDGE, NJ. RNAV (GPS) RWY 24, ORIG... CHANGE PROCEDURE NA AT NIGHT EXCEPT BY PRIOR ARRANGEMENT FOR RUNWAY LIGHTS NOTE TO READ: PROCEDURE NA AT NIGHT. DELETE NOTE: CIRCLING NA AT NIGHT. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON RBV VORTAC AIRWAY RADIALS 001 CW 054. CHART BELMAR/FARMINGDALE AWOS-3. CHART MSA RW 24 25 NM 2900. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1402031751-PERM

FDC **4/5894** LHW IAP WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL, FORT STEWART(HINESVILLE), GA. NDB RWY 33R, ORIG... CHART NOTE: NIGHT LANDING: RWY 6L, 6R, 24L, 15R, 15L, 33L NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS NDB RWY 33R, ORIG-A. 1402031754-PERM

FDC **4/5895** LHW IAP WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL, FORT STEWART(HINESVILLE), GA. RNAV (GPS) RWY 33R, ORIG... CHART NOTE: NIGHT LANDING: RWY 6L, 6R, 24L, 15R, 15L, 33L NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 33R, ORIG-A. 1402031754-PERM

FDC **4/5911** MEI IAP KEY FIELD, MERIDIAN, MS. ILS OR LOC RWY 19, AMDT 1A... CHART NOTE: NIGHT LANDING: RWY 22 NA. CHART NOTE: CIRCLING NA SE OF RWYS 1 AND 22. THIS IS ILS OR LOC RWY 19, AMDT 1B. 1402031824-PERM

FDC **4/6069** FMY IAP PAGE FIELD, FORT MYERS, FL. RNAV (GPS) RWY 13, AMDT 1A... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). THIS IS RNAV (GPS) RWY 13, AMDT 1B. 1402041503-PERM

FDC **4/6070** FMY IAP PAGE FIELD, FORT MYERS, FL. VOR RWY 13, ORIG-C... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR RWY 13, ORIG-D. 1402041503-PERM

FDC **4/6071** FMY IAP PAGE FIELD, FORT MYERS, FL. ILS OR LOC RWY 5, AMDT 7... CHART NOTE: NIGHT LANDING RWY 31 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS ILS OR LOC RWY 5, AMDT 7A. 1402041503-PERM

FDC **4/6072** FMY IAP PAGE FIELD, FORT MYERS, FL. RNAV (GPS) RWY 23, ORIG... CHART NOTE: NIGHT LANDING: RWY 23, 31 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 23, ORIG-A. 1402041503-PERM

FDC **4/6076** FMY IAP PAGE FIELD, FORT MYERS, FL. RNAV (GPS) RWY 5, ORIG... CHART NOTE: NIGHT LANDING: RWY 31 NA. LNAV/VNAV DA/HATH 317/304. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 5, ORIG-A. 1402041503-PERM

FDC **4/6078** FMY IAP PAGE FIELD, FORT MYERS, FL. RNAV (GPS) RWY 31, ORIG... CHART NOTE: NIGHT LANDING: RWY 31 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1402041503-PERM

FDC **4/6186** FOD IAP FORT DODGE RGNL, FORT DODGE, IA. RNAV (GPS) RWY 30, AMDT 1... CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 24 NA AT NIGHT. THIS IS RNAV (GPS) RWY 30, AMDT 1A. 1402041959-PERM

FDC **4/6189** FOD IAP FORT DODGE RGNL, FORT DODGE, IA. ILS OR LOC RWY 6, AMDT 7B... DELETE NOTE: WHEN VGSI INOPERATIVE, CIRCLING RWY 24 NA AT NIGHT. THIS IS ILS OR LOC RWY 6, AMDT 7C. 1402041959-PERM

FDC **4/6190** FOD IAP FORT DODGE RGNL, FORT DODGE, IA. RNAV (GPS) RWY 6, AMDT 1... DELETE NOTE: WHEN VGSI INOP, CIRCLING RWY 24 NA AT NIGHT. THIS IS RNAV (GPS) RWY 6, AMDT 1A. 1402041959-PERM

FDC **4/6209** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. NDB RWY 35, AMDT 19A... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. THIS IS NDB RWY 35, AMDT 19B. 1402042056-PERM

FDC **4/6210** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RNAV (GPS) RWY 35, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. THIS IS RNAV (GPS) RWY 35, ORIG-B. 1402042056-PERM

FDC **4/6211** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. RADAR-1, AMDT 9A... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. THIS IS RADAR-1, AMDT 9B. 1402042056-PERM

FDC **4/6212** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 35, AMDT 17A... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. THIS IS VOR RWY 35, AMDT 17B. 1402042056-PERM

FDC **4/6213** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 23, AMDT 17... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS VOR RWY 23, AMDT 17A. 1402042056-PERM

FDC **4/6214** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. ILS OR LOC RWY 35, AMDT 22B... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. THIS IS ILS OR LOC RWY 35, AMDT 22C. 1402042056-PERM

FDC **4/6215** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 5, ORIG-B... DME MINIMUMS S-5 CAT A/B/C MDA 1380/HAT 506. VISIBILITY CAT C 1 1/2. CIRCLING MDA CAT A/B/C MDA 1380/HAA 506. CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHART FAS OBST: 1070 TANK 421318N/0853632W. THIS IS VOR RWY 5, ORIG-C. 1402042056-PERM

FDC **4/6216** AZO IAP KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 17, AMDT 18A... CHART NOTE: NIGHT LANDING: RWY 5, 9, 23, 27 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED. THIS IS VOR RWY 17, AMDT 18B. 1402042056-PERM

FDC **4/6235** 1A9 IAP PRATTVILLE - GROUBY FIELD, PRATTVILLE, AL. RNAV (GPS) RWY 27, ORIG... CHANGE WHEN VGSI INOP, PROCEDURE NA AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 27, ORIG-A. 1402042223-PERM

FDC **4/6236** 1A9 IAP PRATTVILLE - GROUBY FIELD, PRATTVILLE, AL. VOR/DME A, AMDT 3... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME A, AMDT 3A. 1402042223-PERM

FDC **4/6237** 1A9 IAP PRATTVILLE - GROUBY FIELD, PRATTVILLE, AL. RNAV (GPS) RWY 9, AMDT 2A... CHANGE RWY 9 STRAIGHT-IN AND CIRCLING AND CIRCLING RWY 27 AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 9, AMDT 2B. 1402042223-PERM

FDC **4/6344** DAY IAP JAMES M COX DAYTON INTL, DAYTON, OH. ILS OR LOC RWY 24R, AMDT 9A... S-ILS 24R DA 1201/HAT 204. DELETE NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. THIS IS ILS OR LOC RWY 24R, AMDT 9B. 1402051404-PERM

FDC **4/6345** TRI IAP TRI-CITIES RGNL TN/VA, BRISTOL/JOHNSON/KINGSPORT, TN. ILS OR LOC RWY 23, AMDT 24E... ILS RWY 23 (CAT II) AMDT 24E... EAVR INT MINIMUMS S-LOC 23 MDA 2020/HAT 502 ALL CATS. VISIBILITY CAT C RVR 5000. THIS IS ILS OR LOC RWY 23 ILS RWY 23 (CAT II), AMDT 24F. 1402051414-PERM

FDC **4/6346** M95 IAP RICHARD ARTHUR FIELD, FAYETTE, AL. RNAV (GPS) RWY 36, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 36, AMDT 1A. 1402051417-PERM

FDC **4/6347** M95 IAP RICHARD ARTHUR FIELD, FAYETTE, AL. RNAV (GPS) RWY 18, AMDT 1... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 18, AMDT 1A. 1402051417-PERM

FDC **4/6348** BVI IAP BEAVER COUNTY, BEAVER FALLS, PA. LOC RWY 10, AMDT 4... CHANGE WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 10, 28 PROCEDURE NA AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS LOC RWY 10, AMDT 4A. 1402051420-PERM

FDC **4/6349** BVI IAP BEAVER COUNTY, BEAVER FALLS, PA. RNAV (GPS) RWY 10, ORIG... CHANGE WHEN VGSI INOP NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 10, ORIG-A. 1402051420-PERM

FDC **4/6350** BVI IAP BEAVER COUNTY, BEAVER FALLS, PA. RNAV (GPS) RWY 28, ORIG... CHANGE WHEN VGSI INOP NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 28, ORIG-A. 1402051420-PERM

FDC **4/6371** BVI PART 1 OF 2 IAP BEAVER COUNTY, BEAVER FALLS, PA. VOR RWY 28, AMDT 10... S-28 MDA 2060/HATH 807 ALL CATS. CIRCLING MDA 2060/HAA 807 ALL CATS. MINIMUM ALTITUDE AT ZUDLO EWC 4.5 DME *2060. CHANGE *2100 WHEN USING PITTSBURGH INTL ALTIMETER SETTING PROFILE NOTE TO READ: *2120 WHEN USING PITTSBURGH INTL ALTIMETER SETTING. CHANGE WHEN VGSI INOP NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. CHANGE WHEN CONTROL TOWER CLOSED, USE PITTSBURGH INTL ALTIMETER NOTE TO READ: WHEN CONTROL TOWER CLOSED, USE PITTSBURGH INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE CIRCLING CAT A/D VISIBILITY 1/4 MILE AND INCREASE ZUDLO FIX MINIMUMS S-28 CATS C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/8 MILE. CHANGE 1656 TOWER TO READ: 1672 TOWER 404807N/0801710W. 1402051440-PERM END PART 1 OF 2

FDC **4/6371** BVI PART 2 OF 2 IAP BEAVER COUNTY, BEAVER FALLS, PA. CHANGE ALL REFERENCE FROM TDZE TO THRE. THIS IS VOR RWY 28, AMDT 10A. 1402051440-PERM END PART 2 OF 2

FDC **4/6927** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 7R, ORIG-C... CHANGE RWY 7R STRAIGHT-IN AND CIRCLING AND CIRCLING RWY 25L/34 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 34 NA. DELETE NOTE: CIRCLING NA AT NIGHT TO RWY 25L. CHANGE HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 7R, ORIG-D. 1402061526-PERM

FDC **4/6928** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 34, AMDT 2B... CHART NOTE: NIGHT LANDING: RWY 34 NA. DELETE NOTES: CIRCLING TO RWY 7R, 25L NA AT NIGHT. WHEN VGSI INOPERATIVE, STRAIGHT-IN/CIRCLING RWY 34 PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 34, AMDT 2C. 1402061526-PERM

FDC **4/6929** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. ILS OR LOC RWY 7L, AMDT 31... CHART NOTE: NIGHT LANDING: RWY 34 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTES: WHEN VGSI INOP, CIRCLING TO RWY 34 NA AT NIGHT. CIRCLING TO RWY 7R, 25L NA AT NIGHT. CHANGE INOPE TABLE DOES NOT APPLY TO S-ILS 7L TO READ: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 7L. THIS IS ILS OR LOC RWY 7L, AMDT 31A. 1402061526-PERM

FDC **4/6930** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 7L, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 34 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTES: WHEN VGSI INOP, CIRCLING TO RWY 34 NA AT NIGHT. CIRCLING TO RWY 7R, 25L, NA AT NIGHT. THIS IS RNAV (GPS) RWY 7L, AMDT 1A. 1402061526-PERM

FDC **4/6931** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 25R, AMDT 3... CHANGE WHEN VGSI INOPERATIVE, CIRCLING RWY 34 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 34 NA. DELETE NOTE: CIRCLING TO 7R AND 25L NA AT NIGHT. THIS IS RNAV (GPS) RWY 25R, AMDT 3A. 1402061526-PERM

FDC **4/6932** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. VOR RWY 16, AMDT 18A... CHART NOTE: NIGHT LANDING: RWY 34 NA. THIS IS VOR RWY 16, AMDT 18B. 1402061526-PERM

FDC **4/6933** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. ILS OR LOC RWY 25R, ORIG... CHART NOTE: NIGHT LANDING: RWY 34 NA. DELETE NOTES: WHEN VGSI INOP, CIRCLING TO RWY 34 NA AT NIGHT. CIRCLING TO RWY 7R AND 25L NA AT NIGHT. THIS IS ILS OR LOC RWY 25R, ORIG-A. 1402061526-PERM

FDC **4/6934** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 16, AMDT 1A... CHANGE WHEN VGSI INOP, CIRCLING RWYS 7R-25L AND 34 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 34 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 16, AMDT 1B. 1402061526-PERM

FDC **4/6935** DAB IAP DAYTONA BEACH INTL, DAYTONA BEACH, FL. RNAV (GPS) RWY 25L, AMDT 1... CHANGE WHEN VGSI INOP, CIRCLING RWY 7R AND 34 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 34 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 25L, AMDT 1A. 1402061526-PERM

FDC **4/7013** BFD IAP BRADFORD RGNL, BRADFORD, PA. RNAV (GPS) RWY 32, AMDT 1A... CHANGE JARVO TO RW32 DISTANCE FROM 5.8 TO 5.71. THIS IS RNAV (GPS) RWY 32, AMDT 1B. 1402061641-PERM

FDC **4/7116** OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. VOR A, AMDT 3... DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALISBURY ALTIMETER SETTING AND INCREASE ALL MDA 60 FT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALISBURY ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND INCREASE CIRCLING CATS A/C/D VISIBILITY 1/4 MILE. CHART NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR A, AMDT 3A. 1402061904-PERM

FDC **4/7117** OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. RNAV (GPS) RWY 32, ORIG... CHART NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. DELETE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SWL VORTAC ON V139 SOUTHWESTBOUND. THIS IS RNAV (GPS) RWY 32, ORIG-A. 1402061904-PERM

FDC **4/7119** OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. LOC RWY 14, AMDT 2... CHART NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALISBURY ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE S-14 CAT B VISIBILITY AND CIRCLING CATS B/C/D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS LOC RWY 14, AMDT 2A. 1402061904-PERM

FDC **4/7120** OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. RNAV (GPS) RWY 2, ORIG... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 2, ORIG-A. 1402061904-PERM

FDC **4/7183** CNW IAP TSTC WACO, WACO, TX. RNAV (GPS) RWY 35R, AMDT 1... DELETE PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT TPL VOR/DME. THIS IS RNAV (GPS) RWY 35R, AMDT 1A. 1402070238-PERM

FDC **4/7383** AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. RNAV (GPS) RWY 30, ORIG... CHART NOTE: NIGHT LANDING: RWY 36 NA. DELETE NOTE: CIRCLING TO RWY 36 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. THIS IS RNAV (GPS) RWY 30, ORIG-A. 1402072030-PERM

FDC **4/7384** AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. VOR A, AMDT 9... CHART NOTE: NIGHT LANDING: RWY 36 NA. THIS IS VOR A, AMDT 9A. 1402072030-PERM

FDC **4/7385** AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. NDB RWY 30, AMDT 6... CHART NOTE: NIGHT LANDING: RWY 36 NA. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS NDB RWY 30, AMDT 6A. 1402072030-PERM

FDC **4/7386** AID IAP ANDERSON MUNI-DARLINGTON FIELD, ANDERSON, IN. ILS OR LOC RWY 30, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 36 NA. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS ILS OR LOC RWY 30, AMDT 1A. 1402072030-PERM

FDC **4/7388** HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. VOR RWY 9, ORIG-B... CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ERIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-9 CAT C/D VISIBILITY 1/4 MILE. CHART NOTE: NIGHT LANDING: RWY 9 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR RWY 9, ORIG-C. 1402072033-PERM

FDC **4/7389** HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. RNAV (GPS) RWY 27, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 27 CAT C AND D NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE NOTE TO READ: BARO-VNAV NA WHEN USING ERIE ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 27, ORIG-B. 1402072033-PERM

FDC **4/7390** HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. RNAV (GPS) RWY 9, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 9 CAT C AND D NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE NOTE TO READ: BARO-VNAV NA WHEN USING ERIE ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 9, ORIG-B. 1402072033-PERM

FDC **4/7393** HZY IAP NORTHEAST OHIO RGNL, ASHTABULA, OH. VOR/DME RWY 27, AMDT 6B... CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ERIE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-27 CAT C/D VISIBILITY 1/4 MILE. CHART NOTE: NIGHT LANDING: RWY 27 NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME RWY 27, AMDT 6C. 1402072033-PERM

FDC **4/7406** CPT IAP CLEBURNE RGNL, CLEBURNE, TX. LOC/DME RWY 15, ORIG-C... FORT WORTH MEACHAM INTL., ALTIMETER SETTING MINIMUMS: CIRCLING CAT A/B MDA 1480/HAA 626, CAT C MDA 1780/HAA 926, CAT D MDA 1800/HAA 946. THIS IS LOC/DME RWY 15, ORIG-D. 1402072057-PERM

FDC **4/7407** CRS IAP C. DAVID CAMPBELL FIELD-CORSICANA MUNI, CORSICANA, TX. NDB RWY 32, AMDT 3A... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 32, AMDT 3B. 1402072100-PERM

FDC **4/7408** CRS IAP C. DAVID CAMPBELL FIELD-CORSICANA MUNI, CORSICANA, TX. NDB RWY 14, AMDT 4A... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 14, AMDT 4B. 1402072100-PERM

FDC **4/7409** CRS IAP C. DAVID CAMPBELL FIELD-CORSICANA MUNI, CORSICANA, TX. VOR/DME A, AMDT 1A... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME A, AMDT 1B. 1402072100-PERM

FDC **4/7410** AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. LOC RWY 1, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 1 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS LOC RWY 1, ORIG-B. 1402072102-PERM

FDC **4/7411** CRS IAP C. DAVID CAMPBELL FIELD-CORSICANA MUNI, CORSICANA, TX. VOR/DME B, AMDT 1A... DELETE NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: PROCEDURE NA AT NIGHT. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME B, AMDT 1B. 1402072100-PERM

FDC **4/7412** AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. RNAV (GPS) RWY 19, ORIG... CHART NOTE: NIGHT LANDING: RWY 1 NA, RWY 19 CATS C AND D NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: VDP NA WITH OXFORD ALTIMETER SETTING. DELETE VDP. THIS IS RNAV (GPS) RWY 19, ORIG-A. 1402072102-PERM

FDC **4/7413** AVC IAP MECKLENBURG-BRUNSWICK RGNL, SOUTH HILL, VA. RNAV (GPS) RWY 1, ORIG... DELETE LPV AND LNAV/VNAV MINIMUMS. DELETE NOTE; BARO-VNAV NA WHEN USING OXFORD ALTIMETER SETTING. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C(5F) OR ABOVE 48C(118F). CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXFORD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE LNAV CATS C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: NIGHT LANDING: RWY 1 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: VDP NA WITH OXFORD ALTIMETER SETTING. DELETE VDP. THIS IS RNAV (GPS) RWY 1, ORIG-A. 1402072102-PERM

FDC **4/7418** GHG IAP MARSHFIELD MUNI - GEORGE HARLOW FIELD, MARSHFIELD, MA. RNAV (GPS) RWY 6, ORIG-A... DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 24 NA. THIS IS RNAV (GPS) RWY 6, ORIG-B. 1402072119-PERM

FDC **4/7419** GHG IAP MARSHFIELD MUNI - GEORGE HARLOW FIELD, MARSHFIELD, MA. RNAV (GPS) RWY 24, ORIG... CIRCLING HAA CAT A 551, CAT B 611. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: NIGHT LANDING: RWY 24 NA. CHART AIRPORT ELEVATION 9. DELETE VDP. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1402072119-PERM

FDC **4/7420** GHG IAP MARSHFIELD MUNI - GEORGE HARLOW FIELD, MARSHFIELD, MA. NDB RWY 24, AMDT 2A... S-24 CAT A.B MDA 780/HAT 771, VIS CAT B 1 1/4. CIRCLING CAT A.B MDA 780/HAA 771, VIS CAT B 1 1/4. CHANGE RWY 24 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 24 NA. CHANGE WHEN LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PLYMOUTH ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND CIRCLING CAT A VIS 1/4 MILE. CHART AIRPORT ELEVATION 9. THIS IS NDB RWY 24, AMDT 2B. 1402072119-PERM

FDC **4/7421** GHG IAP MARSHFIELD MUNI - GEORGE HARLOW FIELD, MARSHFIELD, MA. NDB RWY 6, AMDT 4C... S-6 MINIMA NA, ALL CATS. CIRCLING CAT A, B MDA 840/HAA 831, VIS CAT B 1 1/4. MISSED APPROACH: CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 1700 ON IMR NDB BEARING 242 TO QWOTA INT AND HOLD. CHANGE WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PLYMOUTH ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PLYMOUTH ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND CIRCLING CAT A VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE CIRCLING TO RWY 24 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 24 NA. CHART AIRPORT ELEVATION 9. THIS IS NDB RWY 6, AMDT 4D. 1402072119-PERM

FDC **4/7745** HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. ILS OR LOC RWY 13, AMDT 16C... CHANGE ALTERNATE MINIMUMS TO READ: ILS STANDARD EXCEPT NA WHEN CONTROL TOWER CLOSED. NA WHEN LOCAL WEATHER NOT AVAILABLE. LOC STANDARD EXCEPT NA WHEN CONTROL TOWER CLOSED. NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS ILS OR LOC RWY 13, AMDT 16D. 1402101703-PERM

FDC **4/7746** HUT IAP HUTCHINSON MUNI, HUTCHINSON, KS. NDB RWY 13, AMDT 15A... CHART ALTERNATE MINIMUMS: STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. DELETE ALTERNATE MINIMUMS: STANDARD EXCEPT NA WHEN CONTROL TOWER CLOSED. THIS IS NDB RWY 13, AMDT 15B. 1402101703-PERM

FDC **4/7984** ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 31, ORIG... CHART NOTE: NIGHT LANDING: RWY 6 NA. CHANGE NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 31, ORIG-A. 1402111707-PERM

FDC **4/7985** ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 13, ORIG-A... DELETE NOTE: CIRCLING TO RWY 6 AND RWY 31 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 6 NA. THIS IS RNAV (GPS) RWY 13, ORIG-B. 1402111707-PERM

FDC **4/7986** ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 24, ORIG... CHART NOTE: NIGHT LANDING: RWY 6, 24 NA. CHANGE NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 24, ORIG-A. 1402111707-PERM

FDC **4/7987** ETB IAP WEST BEND MUNI, WEST BEND, WI. VOR RWY 24, AMDT 3B... DELETE NOTE: CIRCLING TO RWY 6 AND RWY 31 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 6, 24 NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. THIS IS VOR RWY 24, AMDT 3C. 1402111707-PERM

FDC **4/7988** ETB IAP WEST BEND MUNI, WEST BEND, WI. VOR RWY 13, AMDT 5B... DELETE NOTE: CIRCLING TO RWY 6 AND RWY 31 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 6 NA. THIS IS VOR RWY 13, AMDT 5C. 1402111707-PERM

FDC **4/7989** ETB IAP WEST BEND MUNI, WEST BEND, WI. LOC RWY 31, ORIG-C... DELETE NOTE: RWY 31 STRAIGHT-IN AND CIRCLING RWY 6 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 6 NA. DELETE NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS LOC RWY 31, ORIG-D. 1402111707-PERM

FDC **4/7990** ETB IAP WEST BEND MUNI, WEST BEND, WI. RNAV (GPS) RWY 6, ORIG-A... DELETE NOTE: RWY 6 STRAIGHT-IN AND CIRCLING TO RWY 31 NA AT NIGHT. CHART NOTE: NIGHT LANDING: RWY 6 NA. THIS IS RNAV (GPS) RWY 6, ORIG-B. 1402111707-PERM

FDC **4/7998** PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. ILS OR LOC RWY 28R, AMDT 3... CIRCLING MDA 560/HAA 540 CATS A/B, HAA CAT C 620, CAT D 660. CHART AIRPORT ELEVATION: 20 FEET. THIS IS ILS OR LOC RWY 28R, AMDT 3A. 1402111727-PERM

FDC **4/7999** PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. RNAV (GPS) Y RWY 28R, AMDT 2... CIRCLING MDA 560/HAA 540 CATS A/B, HAA CAT C 620, CAT D 660. CHART AIRPORT ELEVATION: 20 FEET. THIS IS RNAV (GPS) Y RWY 28R, AMDT 2A. 1402111727-PERM

FDC **4/8000** PBI IAP PALM BEACH INTL, WEST PALM BEACH, FL. RNAV (GPS) Y RWY 32, AMDT 2... CIRCLING MDA 560/HAA 540 CATS A/B, HAA CAT C 620, CAT D 660. CHART AIRPORT ELEVATION: 20 FEET. CHANGE HELICOPTER NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA. THIS IS RNAV (GPS) Y RWY 32, AMDT 2A. 1402111727-PERM

FDC **4/8323** M04 ODP COVINGTON MUNI, COVINGTON, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... NOTE: RWY 19, FENCE BEGINNING 150 FT FROM DER, 248 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/284 FT MSL. TREES BEGINNING 500 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/356 FT MSL. BLDG AND TREES BEGINNING 1793 FT FROM DER, 304 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/372 FT MSL. REST REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A. 1402121600-PERM

FDC **4/8346** ISP IAP LONG ISLAND MAC ARTHUR, NEW YORK, NY. RNAV (GPS) RWY 6, AMDT 1... CHANGE CIRCLING TO RWY 15R, 15L-33R, AND 28 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 15R, 33R NA. CHANGE FOR UNCOMPENSATED BARO-VNAV SYSTEMS NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 193 CW 263. CHART VDP AT 1.12 MILES TO RW06* *LNAV ONLY. CHART NOTE: VDP AND BARO-VNAV NA WHEN USING SHIRLEY ALTIMETER SETTING. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 6, AMDT 1A. 1402121645-PERM

FDC **4/8347** ISP IAP LONG ISLAND MAC ARTHUR, NEW YORK, NY. RNAV (GPS) RWY 33L, ORIG... CHANGE FOR UNCOMPENSATED BARO-VNAV SYSTEM NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 193 CW 326. CHANGE HELICOPTER NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 3/4SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 33L, ORIG-A. 1402121645-PERM

FDC **4/8348** ISP IAP LONG ISLAND MAC ARTHUR, NEW YORK, NY. RNAV (GPS) RWY 24, AMDT 1A... DELETE PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHANGE FOR UNCOMPENSATED BARO-VNAV SYSTEM NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEM, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 193 CW 326. THIS IS RNAV (GPS) RWY 24, AMDT 1B. 1402121645-PERM

FDC **4/8349** ISP IAP LONG ISLAND MAC ARTHUR, NEW YORK, NY. ILS OR LOC RWY 24, AMDT 4A... S-ILS 24 VIS RVR 1800. S-LOC 24 MDA 520/HATH 421 ALL CATS. DELETE NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. CHANGE LOCAL ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHIRLEY ALTIMETER SETTING AND INCREASE ALL DA 28 FEET AND ALL MDA 40 FEET, AND INCREASE S-LOC 24 CAT C AND D VISIBILITY TO RVR 5000. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING SHIRLEY ALTIMETER SETTING INCREASE S-LOC 24 CAT C AND D VISIBILITY TO 1 3/8 MILE. DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 193 CW 325. CHART 281 TOWER 405005N/0730351W. THIS IS ILS OR LOC RWY 24, AMDT 4B. 1402121645-PERM

FDC **4/8350** ISP IAP LONG ISLAND MAC ARTHUR, NEW YORK, NY. RNAV (GPS) RWY 15R, ORIG... CHANGE FOR UNCOMPENSATED BARO-VNAV SYSTEM NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 46C (115F). DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CCC VOR/DME AIRWAY RADIALS 193 CW 326. CHANGE HELICOPTER NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 15R, ORIG-A. 1402121645-PERM

FDC **4/8497** LEW IAP AUBURN/LEWISTON MUNI, AUBURN/LEWISTON, ME. VOR/DME A, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 17, 22, 35 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME A, AMDT 1A. 1402122121-PERM

FDC **4/8498** LEW IAP AUBURN/LEWISTON MUNI, AUBURN/LEWISTON, ME. RNAV (GPS) RWY 22, AMDT 1... DELETE NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT. CHANGE CIRCLING TO RWY 17/35 NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 17, 22, 35 NA. CHANGE HELICOPTER VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION LESS THAN 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 22, AMDT 1A. 1402122121-PERM

FDC **4/8502** DBN PART 1 OF 2 IAP W H 'BUD' BARRON, DUBLIN, GA. RNAV (GPS) RWY 2, ORIG... LNAV MDA VIS CAT A/B 3/4. CIRCLING CAT A HAA 449, CAT B MDA 780/HAA 469, CAT C HAA 469, CAT D MDA 1040/HAA 729. CHART: APT ELEV 311. CHART NOTES: NIGHT LANDING: RWY 14, 32 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. FOR INOPERATIVE MALSR, INCREASE LNAV VISIBILITY CATS C AND D 1/4 MILE. WHEN USING VIDALIA ALTIMETER SETTING: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. FOR INOPERATIVE MALSR, INCREASE LNAV VISIBILITY CATS C AND D 1/2 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV ALL CATS VISIBILITY 1/4 MILE. WHEN USING VIDALIA ALTIMETER SETTING: FOR INOPERATIVE MALSR, INCREASE LNAV VISIBILITY CATS A AND B 1/4 MILE 1402122126-PERM END PART 1 OF 2

FDC **4/8502** DBN PART 2 OF 2 IAP W H 'BUD' BARRON, DUBLIN, GA. CATS C AND D 1/2 MILE. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 2, ORIG-A. 1402122126-PERM END PART 2 OF 2

FDC **4/8504** DBN IAP W H 'BUD' BARRON, DUBLIN, GA. RNAV (GPS) RWY 20, ORIG... LNAV MDA 720/HAT 411 ALL CATS. VIS CAT C 1 1/4. CIRCLING CAT A HAA 449, CAT B MDA 780/HAA 469, CAT C HAA 469, CAT D MDA 1040/HAA 729. CHART: APT ELEV 311 CHART FAS OBST: 456 ANT 323640N/0825802W CHART NOTES: NIGHT LANDING: RWY 14, 32 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 20, ORIG-A. 1402122126-PERM

FDC **4/8505** DBN PART 1 OF 2 IAP W H 'BUD' BARRON, DUBLIN, GA. ILS OR LOC RWY 2, AMDT 2A... S-ILS 2 DA 541/HATH 250. VIS 3/4 ALL CATS. CIRCLING CAT A HAA 449, CAT B MDA 780/HAA 469, CAT C HAA 469, CAT D MDA 1040/HAA 729. CHART: APT ELEV 311. CHART NOTES: NIGHT LANDING: RWY 14, 32 NA. HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 2 CATS C AND D VISIBILITY TO 1 1/8 AND WHEN USING VIDALIA ALTIMETER SETTING, INCREASE S-ILS 2 ALL CATS VISIBILITY TO 1 MILE AND S-LOC 2 CATS C AND D VISIBILITY TO 1 3/8 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 2 ALL CATS VISIBILITY TO 7/8, INCREASE S-LOC 2 CATS C AND D VISIBILITY TO 1 1/8 AND WHEN USING VIDALIA ALTIMETER SETTING, INCREASE S-ILS 2 ALL CATS 1402122126-PERM END PART 1 OF 2

FDC **4/8505** DBN PART 2 OF 2 IAP W H 'BUD' BARRON, DUBLIN, GA. VISIBILITY TO 1 MILE AND S-LOC 2 CATS C AND D VISIBILITY TO 1 3/8 MILE. THIS IS ILS OR LOC RWY 2, AMDT 2B. 1402122126-PERM END PART 2 OF 2

FDC **4/8873** LHW IAP WRIGHT AAF (FORT STEWART)/MIDCOAST RGNL, FORT STEWART(HINESVILLE), GA. RNAV (GPS) RWY 6L, ORIG... CHART NOTE: NIGHT LANDING: RWY 6L, 6R, 24L, 15R, 33L, 15L NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. DELETE NOTE: VDP NA WHEN USING SAVANNAH ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 6L, ORIG-A. 1402132042-PERM

FDC **4/8874** LNS IAP LANCASTER, LANCASTER, PA. VOR/DME RWY 31, AMDT 4A... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. THIS IS VOR/DME RWY 31, AMDT 4B. 1402132046-PERM

FDC **4/8875** LNS IAP LANCASTER, LANCASTER, PA. VOR RWY 31, AMDT 16... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. THIS IS VOR RWY 31, AMDT 16A. 1402132046-PERM

FDC **4/8876** LNS IAP LANCASTER, LANCASTER, PA. VOR/DME RWY 26, AMDT 10... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR/DME RWY 26, AMDT 10A. 1402132047-PERM

FDC **4/8877** LNS IAP LANCASTER, LANCASTER, PA. VOR/DME RWY 8, AMDT 6... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA. THIS IS VOR/DME RWY 8, AMDT 6A. 1402132047-PERM

FDC **4/8878** LNS IAP LANCASTER, LANCASTER, PA. VOR RWY 8, AMDT 21... CHART NOTE: NIGHT LANDING: RWY 13, 31 NA AT NIGHT. THIS IS VOR RWY 8, AMDT 21A. 1402132047-PERM

FDC **4/9173** OXB IAP OCEAN CITY MUNI, OCEAN CITY, MD. RNAV (GPS) RWY 14, ORIG-D... CHART NOTE: NIGHT LANDING: RWY 2, 14, 20 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SALISBURY ALTIMETER SETTING AND INCREASE ALL MDA 60 FT, INCREASE S-14 CAT B VISIBILITY AND CIRCLING CATS B/C/D VISIBILITY 1/4 MILE. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 14, ORIG-E. 1402141716-PERM

FDC **4/9215** CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. RNAV (GPS) RWY 23, ORIG-A... CHANGE WHEN VGSI INOPERATIVE, PROCEDURE NA AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 23, ORIG-B. 1402141853-PERM

FDC **4/9216** CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC/DME RWY 23, AMDT 6B... CHANGE WHEN VGSI INOP, PROCEDURE NA AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. THIS IS LOC/DME RWY 23, AMDT 6C. 1402141853-PERM

FDC **4/9217** CBE IAP GREATER CUMBERLAND RGNL, CUMBERLAND, MD. LOC A, AMDT 4... CHANGE WHEN VGSI INOP, PROCEDURE NA AT NIGHT NOTE TO READ: PROCEDURE NA AT NIGHT. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED. THIS IS LOC A, AMDT 4A. 1402141853-PERM

FDC **4/9257** ARB IAP ANN ARBOR MUNI, ANN ARBOR, MI. RNAV (GPS) RWY 24, AMDT 2A... CHART NOTE: NIGHT LANDING CAT C/D: RWY 24 NA. DELETE NOTE: RWY 24 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. THIS IS RNAV (GPS) RWY 24, AMDT 2B. 1402142138-PERM

FDC **4/9258** LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 36, ORIG... CHANGE PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 7, 36 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 36, ORIG-A. 1402142144-PERM

FDC **4/9259** LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 25, ORIG... CHART NOTE: NIGHT LANDING: RWY 7, 36 NA. CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 25, ORIG-A. 1402142144-PERM

FDC **4/9260** LEB IAP LEBANON MUNI, LEBANON, NH. VOR/DME RWY 7, AMDT 1B... CHANGE WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 7 PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 7, 36 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE VDP. THIS IS VOR/DME RWY 7, AMDT 1C. 1402142144-PERM

FDC **4/9262** LEB IAP LEBANON MUNI, LEBANON, NH. VOR RWY 25, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 7, 36 NA. THIS IS VOR RWY 25, AMDT 1A. 1402142144-PERM

FDC **4/9263** LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 7, ORIG-B... CHANGE VISIBILITY REDUCTION BY HELICOPTERS NA NOTE TO READ: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHANGE WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 7 PROCEDURE NA AT NIGHT NOTE TO READ: NIGHT LANDING: RWY 7, 36 NA. THIS IS RNAV (GPS) RWY 7, ORIG-C. 1402142144-PERM

FDC **4/9264** LEB IAP LEBANON MUNI, LEBANON, NH. RNAV (GPS) RWY 18, ORIG... CHART NOTE: NIGHT LANDING: RWY 7, 36 NA. DELETE NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 18, ORIG-A. 1402142144-PERM