

U.S. Department  
of Transportation

**Federal Aviation  
Administration**

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

**Transmittal Letter 07-07**

**February 23, 2007**

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

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

**The following are corrected copies of procedures published in Transmittal Letters  
07-06:**

Williston, FL, Williston Muni, Takeoff Minimums and Textual DP, Amdt 2  
Nashua, NH, Boire Fld, RNAV (GPS) RWY 32, Orig

### TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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

**(1) TAKEOFF MINIMUMS:**

**RWY 14, 23, 32, STANDARD.**

**RWY 5, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 257 FEET PER NM TO 600.**

**(2) DEPARTURE PROCEDURE:**

**RWY 5 - CLIMB HEADING 048.92 TO 500 BEFORE PROCEEDING ON COURSE.**

**RWY 14 - CLIMB HEADING 142.49 TO 600 BEFORE PROCEEDING ON COURSE.**

**RWY 23 - CLIMB ON A HEADING BETWEEN 253 CW 048 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 248 FEET PER NM TO 1900 FOR ALL OTHER COURSES.**

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-6

**(3) TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 5, BRUSH AND MULTIPLE TREES BEGINNING 38' FROM DER, 54' LEFT OF CENTERLINE, UP TO 100' AGL/179' MSL. TOWER 2.0 NM FROM DER, 2,343' LEFT OF CENTERLINE, 324' AGL/399' MSL. BRUSH AND MULTIPLE TREES BEGINNING 49' FROM DER, 234' RIGHT OF CENTERLINE UP TO 100' AGL/179' MSL.**

**NOTE: RWY 14, MULTIPLE TREES 799' FROM DER, ON CENTERLINE, UP TO 30' AGL/99' MSL. MULTIPLE TREES BEGINNING 1,143' FROM DER, 381' LEFT OF CENTERLINE, UP TO 100' AGL/174' MSL. ROAD AND MULTIPLE TREES BEGINNING 13' FROM DER, 208' RIGHT OF CENTERLINE, UP TO 100' AGL/179' MSL. (CONTINUED ON PAGE 2)**

**(4) CONTROLLING OBSTACLES:**

**RWY 5: 399 MSL TOWER 292336.00N/0822626.00W. 471 MSL TOWER 292412.00N/0822701.00W.**

**RWY 14: 1440 MSL TOWER 291533.00N/0823402.00W.**

**RWY 23: 1440 MSL TOWER 291533.00N/0823402.00W.**

(5) City, State

**WILLISTON, FL**

(6) Airport

**WILLISTON MUNI**

(7) Effective Date

**NOV 15 2007**

(8) Amdt. No.

**2**



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

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

**(3) TAKEOFF OBSTACLE NOTES:**

(CONTINUED FROM PAGE 1)

NOTE: RWY 23, MULTIPLE TREES BEGINNING 445' FROM DER, 8' LEFT OF CENTERLINE, UP TO 100' AGL/184' MSL. MULTIPLE TREES BEGINNING 430' FROM DER, 403' RIGHT OF CENTERLINE, UP TO 100' AGL/189' MSL.

NOTE: RWY 32, MULTIPLE TREES 799' FROM DER, ON CENTERLINE, UP TO 50' AGL/124' MSL. MULTIPLE TREES BEGINNING 719' FROM DER, 288' LEFT OF CENTERLINE, UP TO 100' AGL/194' MSL. MULTIPLE TREES BEGINNING 497' FROM DER, 442' RIGHT OF CENTERLINE, UP TO 100' AGL/194' MSL.

City, State <b>WILLISTON, FL</b>		Airport <b>WILLISTON MUNI</b>			Effective Date <b>MAR 15 2007</b>	Amtd. No. <b>2</b>
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	



US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MHT VOR/DME	JAGTA (FB)	155.72 / 9.79	3000	LPV: DA LNAV/VNAV: DA LNAV: RW32
LOBBY	IRGAW (FB)	078.65 / 13.02	3000	
LWM VOR/DME (IAF)	ELIRY (FB)	260.97 / 9.41	2500	CLIMB TO 3000 DIRECT GUCED AND LEFT TURN VIA 226.85 TRACK TO JOHNZ AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.
JAGTA (IAF)	ELIRY (FB)	228.75 / 5.00	2500	
IRGAW (IAF)	ELIRY (FB)	048.67 / 5.00	2500	
ELIRY (IF)	CORNY	318.86 / 6.07	2000	
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-06 IN WHICH PAGES 2 & 3 WERE OMITTED. THIS PROCEDURE RESTORES THE MISSING PAGES.				ADDITIONAL FLIGHT DATA: HOLD NE, LT, 226.85 INBOUND. CHART FAS OBST: 357 TREE 424657N/0712956W CHART 889 TOWER 424407N/0712334W WAAS CHANNEL # 86402 REFERENCE PATH ID: W32A CHART WAAS SYMBOL DISTANCE TO THLD FROM 336 HAT: 0.89 NM.

- PT NA SIDE OF COURSE          OUTBOUND          FT WITHIN          MILES OF          (IAF)
- PROFILE STARTS AT ELIRY
- FAC: 318.78 FAF: CORNY DIST FAF TO MAP: 5.43 THLD: 5.43
- MIN. ALT: ELIRY 2500, CORNY 2000, ESICU 2.70 NM TO RW32 1100'
- DIST TO THLD FROM OM:          MM:          IM:          150 HAT:          100 HAT:          GS ANT:
- MIN GS INCPT: 2000 GS ALT AT:          OM:          MM:          IM:
- GS ANGLE: 3.00 TCH: 60.0 34:1 IS NOT CLEAR
- MSA FROM: RW32 4400

MAG VAR: 16W EPOCH YEAR: 1995

**MINIMUMS**

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	528	1 1/4	336	528	1 1/4	336	528	1 1/4	336	528	1 1/4	336				
LNAV/VNAV DA	617	1 1/2	425	617	1 1/2	425	617	1 1/2	425	617	1 1/2	425				
LNAV MDA	660	1	468	660	1	468	660	1 1/4	468	660	1 1/2	468				
CIRCLING	800	1 1/2	601	800	1 1/2	601	820	1 3/4	621	820	2	621				

NOTES:  
 CHART NOTE: BARO-VNAV NA WHEN USING MANCHESTER ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANCHESTER ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (119F).  
 CONTINUED ON PAGE 2

CITY AND STATE <b>NASHUA, NH</b>	ELEVATION: 199 TDZE: 192 AIRPORT NAME: <b>BOIRE FLD</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, ORIG MAR 15 2007</b>	SUP: AMDT: <b>NONE</b> DATED
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**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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**NOTES CONT.**

**CHART NOTE: DME/DME RNP-0.3 NA.**

**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOBBY VIA V431 WESTBOUND.**

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

**\*LNAV ONLY**

**CHART PLANVIEW NOTE: RADAR REQUIRED FOR TRANSITION TO LWM VOR/DME.**

CITY AND STATE <b>NASHUA, NH</b>	ELEVATION: 199 TDZE: 192 AIRPORT NAME: <b>BOIRE FLD</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO / AMDT NO / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, ORIG MAR 15 2007</b>	SUP:
				AMDT: <b>NONE</b>
				DATED:



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

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**FAS DATA BLOCK INFORMATION**

**DATA FIELD**

**DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KASH
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	424639.6500N
LTP/FTP LONGITUDE	0713022.1500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00290
FPAP LATITUDE	424727.8000N
FPAP LONGITUDE	0713203.9700W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

2B2FD8E7

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00567
FPAP ORTHOMETRIC HEIGHT	+00567

CITY AND STATE <b>NASHUA, NH</b>	ELEVATION: 199 TDZE: 192 AIRPORT NAME: <b>BOIRE FLD</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO / AMDT NO / EFFECTIVE DATE: <b>RNAV (GPS) RWY 32, ORIG</b> <b>MAR 15 2007</b>	SUP:
				AMDT: <b>NONE</b>
				DATED:



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

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SUSAP KASHK6FR32 R 050JOHNZK6EA0EY L010TFY 2269 A JS  
SUSAP KASHK6FR32 R 060JOHNZK6EA0EY HL020HM 22690050 + 03000 A JS

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

SUSAP KASHK6GRW32 0055013187 N42463965W071302215+0200 00186000060100

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

SUSAP KASHK6PR32 RW32 001 0000W32A0N4246396500W07130221500+002900300N4247278000W07132039700106751072000600F4005002B2FD8E7  
SUSAP KASHK6PR32 RW32 002 +00567+00567W32A 86402 000

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

SUSAP KASHK6SRW32 K6PG 0 25180044 M

CITY AND STATE  
NASHUA, NH

ELEVATION: 199 TDZE: 192  
AIRPORT NAME:  
BOIRE FLD

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 32, ORIG, 03/15/2007

SUP:  
AMDT: NONE  
DATED:



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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LOBBY	LOBBY	010		IF		FB				
	LOBBY	IRGAW	020	IAF	TF		FB	2.0	078.7 (063T)	013.0	03000
	LOBBY	ELIRY	030		TF		FB	1.0	048.7 (033T)	005.0	02500
	LWM	LWM	010	IAF	IF		FB				
	LWM	ELIRY	020		TF		FB	1.0	261.0 (245T)	009.4	02500
	MHT	MHT	010		IF		FB				
	MHT	JAGTA	020	IAF	TF		FB	2.0	155.7 (140T)	009.8	03000
	MHT	ELIRY	030		TF		FB	1.0	228.8 (213T)	005.0	02500
		ELIRY	010	PACF	IF		FB				02500
		CORNY	020	PAF	TF		FB	0.5	318.9 (303T)	006.1	02000
		ESICU	021	SDF	TF		FB	0.3	317.8 (302T)	002.7	01100
		RW32	030	MAP	TF		FO	0.3	318.8 (303T)	002.7	00246

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GUCED	040		DF		FB	1.0			
	JOHNZ	050		TF	L	FO	1.0	226.9 (211T)		
	JOHNZ	060		HM	L	FO	2.0	226.9 (211T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LWM	N424425.51	W0710541.43	N4244.425	W07105.691
	MHT	N425206.72	W0712210.31	N4252.112	W07122.172
	CORNY	N424343.49	W0712410.46	N4243.725	W07124.174
	ELIRY	N424025.92	W0711715.12	N4240.432	W07117.252
	ESICU	N424512.04	W0712717.13	N4245.201	W07127.286
	GUCED	N424921.67	W0713605.16	N4249.361	W07136.086
	IRGAW	N423613.36	W0712054.64	N4236.223	W07120.911
	JAGTA	N424438.36	W0711335.11	N4244.639	W07113.585
	JOHNZ	N424322.87	W0714055.80	N4243.381	W07140.930
	LOBBY	N423015.53	W0713634.04	N4230.259	W07136.567
	RW32	N424639.65	W0713022.15	N4246.661	W07130.369

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00186	60

CITY AND STATE

NASHUA, NH

ELEVATION: 199 TDZE: 192

AIRPORT NAME:

BOIRE FLD

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, ORIG, 03/15/2007

SUP:

AMDT: NONE

DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30539 Amdt. No. 3208]

Standard Instrument Approach Procedures, Weather Takeoff

Minimums; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and/or Weather Takeoff Minimums 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, addition of new obstacles, or changes in 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 and/or Weather Takeoff Minimums is specified in the amendatory provisions.

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

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

For Examination-

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

For Purchase- Individual SIAP and Weather Takeoff Minimums 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.

By Subscription- Copies of all SIAPs and Weather Takeoff Minimums mailed once every 2 weeks, are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation

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

SUPPLEMENTARY INFORMATION: This amendment to Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), establishes, amends, suspends, or revokes SIAPs and/or Weather Takeoff Minimums. The complete regulatory description of each SIAP and/or Weather Takeoff Minimums is contained in official 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 identified as FAA Forms 8260-3, 8260-4, 8260-5 and 8260-15A. Materials incorporated by reference are available for examination or purchase as stated above.

The large number of SIAPs and/or Weather Takeoff Minimums, 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 and/or Weather Takeoff Minimums but refer to their 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 and/or Weather Takeoff Minimums contained in FAA form documents is unnecessary. The provisions of this amendment state the affected CFR sections, with the types and effective dates of the SIAPs and/or Weather Takeoff Minimums. This amendment also identifies the airport, its location, the procedure identification and the amendment number.

## THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and/or Weather Takeoff Minimums as contained in the transmittal. Some SIAP and/or Weather Takeoff Minimums amendments may have been previously issued 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/or Weather Takeoff Minimums amendments may require making them effective in less than 30 days. For the remaining SIAPs and/or Weather Takeoff Minimums, an effective date at least 30 days after publication is provided.

Further, the SIAPs and/or Weather Takeoff Minimums 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/or Weather Takeoff Minimums, 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 and/or Weather Takeoff Minimums and safety in air commerce, I find that notice and public procedure before adopting these SIAPs and/or Weather Takeoff Minimums are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs and/or Weather Takeoff Minimums effective in less than 30 days.

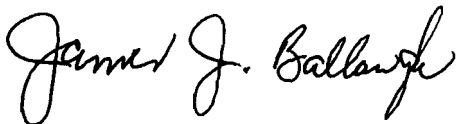
## CONCLUSION

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 23, 2007



James J. Ballough  
Director, Flight Standards Service

## ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, under Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and Weather Takeoff Minimums 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:

**Effective 12 APRIL 2007**

Pompano Beach, FL, Pompano Beach Airpark, RNAV (GPS) RWY 6, Orig-A

**Effective 10 MAY 2007**

Cullman, AL, Folsom Field, NDB RWY 20, Amdt 2A, CANCELLED

Fort Collins, CO, Fort Collins Downtown, VOR/DME OR GPS-B, Amdt 1A,  
CANCELLED

Fort Collins, CO, Fort Collins Downtown, Takeoff Minimums and Textual DP, Amdt 1,  
CANCELLED

Holyoke, CO, Holyoke, NDB RWY 32, Orig, CANCELLED

Holyoke, CO, Holyoke, NDB RWY 14, Orig, CANCELLED

Sarasota (Bradenton), FL, Sarasota/Bradenton Intl, RADAR-1, Amdt 6, CANCELLED

St. Petersburg, FL, Albert Whitted, RADAR-1, Orig, CANCELLED

Tampa, FL, Peter O Knight, RADAR-1, Amdt 4A, CANCELLED

Alma, GA, Bacon County, RNAV (GPS) RWY 15, Orig

Alma, GA, Bacon County, RNAV (GPS) RWY 33, Orig

Alma, GA, Bacon County, VOR OR GPS RWY 33, Amdt 7, CANCELLED

Alma, GA, Bacon County, Takeoff Minimums and Textual DP, Orig

Litchfield, IL, Litchfield Muni, RNAV (GPS) RWY 18, Orig

Litchfield, IL, Litchfield Muni, RNAV (GPS) RWY 36, Orig

Layfayette, IN, Purdue University, RNAV (GPS) RWY 10, Amdt 1

Layfayette, IN, Purdue University, RNAV (GPS) RWY 28, Amdt 1

Layfayette, IN, Purdue University, Takeoff Minimums and Textual DP, Amdt 1

Greensboro, NC, Piedmont Triad Intl, RADAR-1, Amdt 9C, CANCELLED

Louisburg, NC, Franklin County, RNAV (GPS) RWY 5, Orig-C

Saratoga, WY, Shively Field, NDB-A, Amdt 1

Saratoga, WY, Shively Field, RNAV (GPS)-B, Orig

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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

**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZARNA (IF/AF)	HIBDU (FB)	055.58 / 6.05	1600

LPV: DA  
LNAV: RW06

CLIMB TO 2000 DIRECT CIVOV AND VIA 030.55 TRACK TO LONNI AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:  
HOLD S, RT, 017.23 INBOUND.  
CHART FAS OBST: 212 OL TWR 261501N/0800725W  
CHART VDP AT 1.22 MILES TO RW06\* \*LNAV ONLY.  
WAAS CHANNEL # 56603  
REFERENCE PATH ID: W06A  
CHART WAAS SYMBOL  
CHART: FORT LAUDERDALE EXECUTIVE AIRPORT  
DISTANCE TO THLD FROM 329 HAT: 0.91 NM

- PT NA SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)
- PROFILE STARTS AT ZARNA
- FAC: 055.63 FAF: HIBDU \_\_\_\_\_ DIST FAF TO MAP: 4.77 THLD: 4.77
- MIN. ALT: ZARNA 2100, HIBDU 1600
- DIST TO THLD FROM OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_ 150 HAT: \_\_\_\_\_ 100 HAT: \_\_\_\_\_ GS ANT: \_\_\_\_\_
- MIN GS INCPT: 1600 GS ALT AT: \_\_\_\_\_ OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_
- GS ANGLE: 3.00 TCH: 39.0 34:1 IS NOT CLEAR
- MSA FROM: RW06 2600

MAG VAR: 3W EPOCH YEAR: 1985

**MINIMUMS**

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY >>>>>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	348	1 1/4	329	348	1 1/4	329		NA			NA					
LNAV MDA	480	1	461	480	1	461		NA			NA					
CIRCLING	660	1	641	660	1	641		NA			NA					

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT LAUDERDALE EXECUTIVE ALTIMETER SETTING.

CITY AND STATE <b>POMPANO BEACH, FL</b>	ELEVATION: 19 TDZE: 19 AIRPORT NAME: <b>POMPANO BEACH AIRPARK</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO.: <b>RNAV (GPS) RWY 6, ORIG-A</b> <b>APR 12 2007</b>	SUP: AMDT: <b>ORIG</b> DATED <b>08/03/2006</b>
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE  
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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

**FAS DATA BLOCK INFORMATION**

**DATA FIELD**

**DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPMP
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	261438.2915N
LTP/FTP LONGITUDE	0800659.5730W
LTP/FTP ELLIPSOIDAL HEIGHT	-00198
FPAP LATITUDE	261532.4900N
FPAP LONGITUDE	0800540.7700W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER**

AF772C24

**ADDITIONAL PATH POINT RECORD INFORMATION**

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

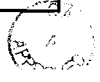
CITY AND STATE  
POMPAÑO BEACH, FL

ELEVATION: 19 TDZE: 19  
AIRPORT NAME:  
POMPAÑO BEACH AIRPARK

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 6, ORIG-A  
**APR 12 2007**

SUP:	
AMDT:	ORIG
DATED:	08-03-2006





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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		ZARNA	010	FACF	IF		FB				
		HIBDU	020	FAF	TF		FB	0.5	055.6 (053T)	006.1	01600
		RW06	030	MAP	TF		FO	0.3	055.6 (053T)	004.8	00058

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIVOV	040		DF		FB	1.0			
	LONNI	050		TF		FO	1.0	030.6 (028T)		
	LONNI	060		HM	R	FO	2.0	017.2 (014T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVOV	N261841.11	W0800106.28	N2618.685	W08001.105
	HIBDU	N261143.95	W0801112.78	N2611.733	W08011.213
	LONNI	N262301.43	W0795835.49	N2623.024	W07958.592
	ZARNA	N260802.89	W0801633.16	N2608.048	W08016.553
	RW06	N261438.29	W0800659.57	N2614.638	W08006.993

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00019	39

CITY AND STATE

POMPANO BEACH, FL

ELEVATION: 19 TDZE: 19  
 AIRPORT NAME:

POMPANO BEACH AIRPARK

FACILITY IDENTIFIER:  
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG-A

APR 12 2007

SUP:

AMDT: ORIG

DATED: 08-03-2006



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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		ZARNA	010	FACF	IF		FB				
		HIBDU	020	FAF	TF		FB	0.5	055.6 (053T)	006.1	01600
		RW06	030	MAP	TF		FO	0.3	055.6 (053T)	004.8	00058

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	055.6 (053T)		00348
	CIVOV	050		DF		FB	1.0			
	LONNI	060		TF		FO	1.0	030.6 (028T)		
	LONNI	070		HM	R	FO	2.0	017.2 (014T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIVOV	N261841.11	W0800106.28	N2618.685	W08001.105
	HIBDU	N261143.95	W0801112.78	N2611.733	W08011.213
	LONNI	N262301.43	W0795835.49	N2623.024	W07958.592
	ZARNA	N260802.89	W0801633.16	N2608.048	W08016.553
	RW06	N261438.29	W0800659.57	N2614.638	W08006.993

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00019	39

CITY AND STATE POMPAÑO BEACH, FL	ELEVATION: 19 TDZE: 19	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG-A <b>APR 12 2007</b>	SUP:
	AIRPORT NAME: POMPAÑO BEACH AIRPARK			AMDT: ORIG
				DATED: 08-03-2006

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				ADDITIONAL FLIGHT DATA:

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

2. \_\_\_\_\_

3. FAC \_\_\_\_\_ FAF \_\_\_\_\_ DIST FAF TO MAP \_\_\_\_\_ THLD \_\_\_\_\_

4. MIN. ALT \_\_\_\_\_

8. MSA FROM: \_\_\_\_\_

MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

TAKEOFF: <input type="checkbox"/>	STANDARD <input type="checkbox"/>	SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A <input type="checkbox"/>									
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 **MAY 10 2007**

CITY AND STATE <b>CULLMAN, AL</b>	ELEVATION: 969 TDZE: 969 AIRPORT NAME: <b>FOLSOM FIELD</b>	FACILITY IDENTIFIER: <b>CPP</b>	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: <b>NDB RWY 20, AMDT 2A, 06/02/1992</b>	SUP NDB RWY 19 AMDT <b>2</b> DATE <b>04/04/1991</b>
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.23**

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				ADDITIONAL FLIGHT DATA:

1. PT \_\_\_\_\_ SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)  
 2. \_\_\_\_\_  
 3. FAC \_\_\_\_\_ FAF \_\_\_\_\_ DIST FAF TO MAP \_\_\_\_\_ THLD \_\_\_\_\_  
 4. MIN. ALT \_\_\_\_\_  
 8. MSA FROM: \_\_\_\_\_

MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

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

NOTES:  
 PROCEDURE CANCELED EFFECTIVE **MAY 10 2007**

CITY AND STATE FORT COLLINS, CO	ELEVATION: 4939 TDZE: AIRPORT NAME: FORT COLLINS	FACILITY IDENTIFIER: GLL	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME OR GPS-B, AMDT 1A, 07/14/1999	SUP AMDT 1 DATE 05/27/1993
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# TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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

## (1) TAKEOFF MINIMUMS:

## (2) DEPARTURE PROCEDURE:

PROCEDURE CANCELLED EFFECTIVE MAY 10 2007

## (3) TAKEOFF OBSTACLE NOTES:

## (4) CONTROLLING OBSTACLES:

(5) City, State <b>FORT COLLINS, CO</b>	(6) Airport <b>FORT COLLINS DOWN TOWN</b>	(7) Effective Date <b>03/09/1995</b>	(8) Amdt. No. <b>1</b>
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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:

ADDITIONAL FLIGHT DATA:

- 1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- 2.
- 3. FAC        FAF        DIST FAF TO MAP        THLD
- 4. MIN. ALT
- 8. MSA FROM:

MAG VAR:        EPOCH YEAR:       

**MINIMUMS**

TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A							
CATEGORY →	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:  
**PROCEDURE CANCELED EFFECTIVE MAY 10 2007**

CITY AND STATE	ELEVATION: 3730 TDZE: 3727	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
HOLYOKE, CO	AIRPORT NAME: HOLYOKE	HEQ	NDB RWY 32, ORIG, 12/28/2000	AMDT NONE
				DATE

**NDB**

**STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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**TERMINAL ROUTES**

**MISSED APPROACH**

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:

ADDITIONAL FLIGHT DATA:

- 1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- 2.
- 3. FAC        FAF        DIST FAF TO MAP        THLD
- 4. MIN. ALT
- 8. MSA FROM:

MAG VAR:        EPOCH YEAR:       

**MINIMUMS**

TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A							
CATEGORY $\Rightarrow$	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:

**MAY 10 2007**

PROCEDURE CANCELED EFFECTIVE       

CITY AND STATE	ELEVATION: <b>3730</b> TDZE: <b>3730</b>	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
<b>HOLYOKE, CO</b>	AIRPORT NAME: <b>HOLYOKE</b>	<b>HEQ</b>	<b>NDB RWY 14, ORIG, 12/28/2000</b>	AMDT <b>NONE</b>
				DATE



**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION  
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- TITLE 14 CFR 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 <i>(Sectors and distances measured from radar antenna)</i>												MISSED APPROACH	
FROM	TO	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:	

**MINIMUMS**

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

NOTES:

**MAY 10 2007**

PROCEDURE CANCELED EFFECTIVE \_\_\_\_\_

ADDITIONAL FLIGHT DATA

TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_ TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_  
 TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_ TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_

LOST COMMUNICATIONS (ALL RWYS):

MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

CITY AND STATE	ELEVATION: 30	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
SARASOTA (BRADENTON), FL	AIRPORT NAME: SARASOTA/BRADENTON INTL	SRQ ASR	RADAR-1, AMDT 6, 8 AUG 02	AMDT: 5B
				DATED: 05/05/98



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

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**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:

**MINIMUMS**

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

NOTES:  
  
**PROCEDURE CANCELED EFFECTIVE MAY 10 2007**  
  
 LOST COMMUNICATIONS (ALL RWYS):

**ADDITIONAL FLIGHT DATA**  
 TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_ TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_  
 TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_ TDZE: \_\_\_\_\_ RWY: \_\_\_\_\_  
  
 MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

CITY AND STATE  ST. PETERSBURG, FL	ELEVATION: AIRPORT NAME:  ALBERT WHITTED	FACILITY IDENTIFIER:  TPA ASR	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:  RADAR-1, ORIG, 17 JUN 76	SUP AMDT: NONE DATED:
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**U.S. DEPARTMENT OF TRANSPORTATION -- FEDERAL AVIATION ADMINISTRATION  
RADAR -- STANDARD INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE -- TITLE 14 CFR PART 97.31**

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RADAR TERMINAL AREA MANEUVERING SECTORS AND ALTITUDES <i>(Sectors and distances measured from radar antenna)</i>												MISSED APPROACH	
FROM	TO	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	DISTANCE	ALTITUDE	MAP:	

**MINIMUMS**

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

NOTES:

*MAY 10 2007*

PROCEDURE CANCELED EFFECTIVE \_\_\_\_\_

ADDITIONAL FLIGHT DATA			
TDZE:	RWY:	TDZE:	RWY:
TDZE:	RWY:	TDZE:	RWY:
MAG VAR:		EPOCH YEAR:	

LOST COMMUNICATIONS (ALL RWYS):

CITY AND STATE <b>TAMPA, FL</b>	ELEVATION: AIRPORT NAME: <b>8 PETER O KNIGHT</b>	FACILITY IDENTIFIER: <b>TPA ASR</b>	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: <b>RADAR-1, AMDT 4A, 5 JUN 98</b>	SUP AMDT: <b>4</b> DATED: <b>17 JAN 85</b>
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US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
REIDS	RUGOC (FB)	245.03 / 18.49	2300	LNAV: RW15
RUGOC (IAF)	CUYAT (FB)	245.88 / 5.00	1900	CLIMB TO 2300 DIRECT HISEB AND VIA 209.45 TRACK TO AYS VORTAC AND HOLD.
ACINE (IAF)	CUYAT (FB)	065.74 / 14.69	1900	
CUYAT (IF)	HOREB (FB)	155.84 / 6.09	1800	ADDITIONAL FLIGHT DATA: HOLD W, LT, 067.77 INBOUND. CHART FAS OBST: 334 TREES 313615N/0823203W CHART 601 TOWER 313623N/0823238W. CHART VDP AT 1.13 MILES TO RW15. HOREB TO RW15: 3.04/41

- PT NA SIDE OF COURSE          OUTBOUND          FT WITHIN          MILES OF          (IAF)
- PROFILE STARTS AT CUYAT
- FAC: 155.87 FAF: HOREB DIST FAF TO MAP: 4.83 THLD: 4.83
- MIN. ALT: CUYAT 1900, HOREB 1800
- DIST TO THLD FROM OM:          MM:          IM:          150 HAT:          100 HAT:          GS ANT:
- MIN GS INCPT:          GS ALT AT:          OM:          MM:          IM:
- GS ANGLE:          TCH: 34:1 IS CLEAR
- MSA FROM: RW15 2300

MAG VAR: 5W EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A			STANDARD @				
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	400	600	1	400	600	1	400	600	1 1/4	400			
CIRCLING	720	1	520	720	1	520	720	1 1/2	520	800	2	600			

NOTES:  
 CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VIDALIA ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET. VDP NA WHEN USING VIDALIA ALTIMETER SETTING.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT REIDS VIA V157 NORTHEAST BOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE <b>ALMA, GA</b>	ELEVATION: 200 TDZE: 200 AIRPORT NAME: <b>BACON COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 15, ORIG</b> <b>MAY 10 2007</b>	SUP: AMDT: <b>NONE</b> DATED
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ACINE	ACINE	010	IAF	IF		FB				
	ACINE	CUYAT	020		TF		FB	1.0	065.7(061T)	014.7	01900
	REIDS	REIDS	010		IF		FB				
	REIDS	RUGOC	020	IAF	TF		FB	2.0	245.0(240T)	018.5	02300
	REIDS	CUYAT	030		TF	R	FB	1.0	245.9(241T)	005.0	01900
		CUYAT	010	FACF	IF		FB				01900
		HOREB	020	FAF	TF		FB	0.5	155.8(151T)	006.1	01800
		RW15	030	MAP	TF		FO	0.3	155.9(151T)	004.8	00241

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	155.9(151T)		00600
	HISEB	050		DF		FB	1.0			
	AYS	060		TF		FO	1.0	209.5(205T)		
	AYS	070		HM	L	FO	2.0	067.8(063T)	006.0	02300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYS	N311609.96	W0823323.20	N3116.166	W08233.387
	ACINE	N313453.96	W0825152.87	N3134.899	W08251.881
	CUYAT	N314204.95	W0823651.27	N3142.083	W08236.855
	HISEB	N312731.16	W0822722.66	N3127.519	W08227.378
	HOREB	N313645.01	W0823322.66	N3136.750	W08233.378
	REIDS	N315348.09	W0821257.22	N3153.802	W08212.954
	RUGOC	N314431.34	W0823144.05	N3144.522	W08231.734
	RW15	N313231.42	W0823037.64	N3132.524	W08230.627

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00200	41

CITY AND STATE  
**ALMA, GA**

ELEVATION: 200 TDZE: 200  
 AIRPORT NAME:  
**BACON COUNTY**

FACILITY IDENTIFIER:  
**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
**RNAV (GPS) RWY 15, ORIG**  
**MAY 10 2007**

SUP:  
 AMDT: **NONE**  
 DATED:



US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
AYS VORTAC (IAF)	JEKEK (FB)	058.48 / 10.09	1800	LNAV: RW33
JEKEK (IF)	HISEB (FB)	335.95 / 6.10	1800	CLIMBING LEFT TURN TO 2300 DIRECT AYS VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD W, LT, 067.77 INBOUND. CHART FAS OBST: 299 TREE 313157N/0822939W CHART VDP AT 1.19 MILES TO RW33. HISEB TO RW33: 3.04/30.

- PT NA SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)
- PROFILE STARTS AT JEKEK
- FAC: 335.92 FAF: HISEB DIST FAF TO MAP: 4.89 THLD: 4.89
- MIN. ALT: JEKEK 1800, HISEB 1800
- DIST TO THLD FROM OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_ 150 HAT: \_\_\_\_\_ 100 HAT: \_\_\_\_\_ GS ANT: \_\_\_\_\_
- MIN GS INCPT: \_\_\_\_\_ GS ALT AT: \_\_\_\_\_ OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_
- GS ANGLE: \_\_\_\_\_ TCH: 34:1 IS CLEAR
- MSA FROM: RW33 2300

MAG VAR: 5W EPOCH YEAR: 2005

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD @					
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	404	600	1	404	600	1 1/4	404	600	1 1/4	404			
CIRCLING	720	1	520	720	1	520	720	1 1/2	520	800	2	600			

NOTES:  
 CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VIDALIA ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET. VDP NA WHEN USING VIDALIA ALTIMETER SETTING.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AYS VORTAC VIA V157 SOUTHBOUND.

CITY AND STATE <b>ALMA, GA</b>	ELEVATION: 200 TDZE: 196 AIRPORT NAME: <b>BACON COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 33, ORIG MAY 10 2007</b>	SUP: AMDT: <b>NONE</b> DATED
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**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AYS	AYS	010	IAF	IF		FB				
	AYS	JEKEK	020		TF		FB	1.0	058.5 (054T)	010.1	01800
		JEKEK	010	FACF	IF		FB				01800
		HISEB	020	FAF	TF		FB	0.5	336.0 (331T)	006.1	01800
		RW33	030	MAP	TF		FO	0.3	335.9 (331T)	004.9	00220

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	335.9 (331T)		00600
	AYS	050		DF	L	FO	1.0			02300
	AYS	060		HM	L	FO	2.0	067.8 (063T)	006.0	02300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYS	N311609.96	W0823323.20	N3116.166	W08233.387
	HISEB	N312731.16	W0822722.66	N3127.519	W08227.378
	JEKEK	N312210.61	W0822354.96	N3122.177	W08223.916
	RW33	N313148.19	W0823009.54	N3131.803	W08230.159

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00190	30

CITY AND STATE <b>ALMA, GA</b>	ELEVATION: 200 TDZE: 196 AIRPORT NAME: <b>BACON COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 33, ORIG</b> <b>MAY 10 2007</b>	SUP:
				AMDT: <b>NONE</b>
				DATED:

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				ADDITIONAL FLIGHT DATA:

1. PT \_\_\_\_\_ SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)  
 2. \_\_\_\_\_  
 3. FAC \_\_\_\_\_ FAF \_\_\_\_\_ DIST FAF TO MAP \_\_\_\_\_ THLD \_\_\_\_\_  
 4. MIN. ALT \_\_\_\_\_  
 8. MSA FROM: \_\_\_\_\_

MAG VAR: \_\_\_\_\_ EPOCH YEAR: \_\_\_\_\_

TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A _____												
CATEGORY	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES: **MAY 10 2007**  
 PROCEDURE CANCELED EFFECTIVE \_\_\_\_\_

CITY AND STATE <b>ALMA, GA</b>	ELEVATION: 200 TDZE: 196 AIRPORT NAME: <b>BACON COUNTY</b>	FACILITY IDENTIFIER: <b>AMG</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>VOR OR GPS RWY 33, AMDT 7, 01/28/1999</b>	SUP AMDT 6 DATE 9 APRIL 87
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**TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)**

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

**(1) TAKEOFF MINIMUMS:**

**RWY 15, 33 STANDARD.**

**(2) DEPARTURE PROCEDURE:**

**(3) TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 33, TREES 2,821' FROM DER, 247' RIGHT OF CENTERLINE, 70' AGL/274' MSL.**

**(4) CONTROLLING OBSTACLES:**

(5) City, State

**ALMA, GA**

(6) Airport

**BACON COUNTY**

(7) Effective Date

**MAY 10 2007**

(8) Amdt. No.

**ORIG**



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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
VLA VORTAC	NECIY (FB)	308.04 / 24.18	3000	LPV: DA LNAV/VNAV: DA LNAV: RW18  CLIMB TO 3000 DIRECT OREPE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.76 INBOUND. CHART FAS OBST: 779 SIGN 391037N/0894035W CHART FAS OBST: 846 TANK 391018N/0893959W CHART VDP AT 1.23 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 58203 REFERENCE PATH ID: W18A DISTANCE TO THLD FROM 312 HAT: 0.85 NM
DAYRE	NECIY (FB)	282.35 / 11.57	3000	
NECIY (IAF)	KUYLE (NOPT) (FB)	268.83 / 5.00	3000	
LITCH (IAF)	KUYLE (NOPT) (FB)	117.26 / 5.48	3000	
KUYLE (IF/IAF)	JINVO (FB)	178.76 / 6.12	2300	

- PT            SIDE OF COURSE            OUTBOUND            FT WITHIN            MILES OF            (IAF)
- HOLD N KUYLE, RT, 178.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 178.76 FAF: JINVO DIST FAF TO MAP: 4.88 THLD: 4.88
- MIN. ALT: KUYLE 3000, JINVO 2300
- DIST TO THLD FROM OM:            MM:            IM:            150 HAT:            100 HAT:            GS ANT:
- MIN GS INCPT: 2300 GS ALT AT: JINVO OM:            MM:            IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM: RW18 2300

MAG VAR: 1E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD @					
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	997	1	312	997	1	312	997	1	312		NA				
LNAV/VNAV DA	1112	1 1/2	427	1112	1 1/2	427	1112	1 1/2	427		NA				
LNAV MDA	1100	1	415	1100	1	415	1100	1 1/4	415		NA				
CIRCLING	1160	1	470	1160	1	470	1160	1 1/2	470		NA				

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ 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: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND  
 CONTINUED ON PAGE 2.

CITY AND STATE <b>LITCHFIELD, IL</b>	ELEVATION: 690 TDZE: 685 AIRPORT NAME: <b>LITCHFIELD MUNI</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMD NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 18, ORIG MAY 10 2007</b>	SUP: AMD: <b>NONE</b> DATED
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US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
**RNAV (GPS) - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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**NOTES CONT.**

**INCREASE ALL DA'S 73 FEET AND ALL MDA'S 80 FEET.**

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

CITY AND STATE

LITCHFIELD, IL

ELEVATION: 690 TDZE: 685

AIRPORT NAME:

LITCHFIELD MUNI

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

MAY 10 2007

SUP:

AMDT: NONE

DATED:



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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K3LF
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	390947.6585N
LTP/FTP LONGITUDE	0894020.5070W
LTP/FTP ELLIPSOIDAL HEIGHT	+01776
FPAP LATITUDE	390818.4800N
FPAP LONGITUDE	0894020.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** 4677A6D3

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02088
FPAP ORTHOMETRIC HEIGHT	+02088

CITY AND STATE LITCHFIELD, IL	ELEVATION: 690 TDZE: 685	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG MAY 10 2007	SUP:
	AIRPORT NAME: LITCHFIELD MUNI			AMDT: NONE
	DATED:			







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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DAYRE	DAYRE	010		IF		FB				
	DAYRE	NECIY	020	IAF	TF		FB	2.0	282.4 (283T)	011.6	03000
	DAYRE	KUYLE	030		TF	L	FB	1.0	268.8 (270T)	005.0	03000
	LITCH	LITCH	010	IAF	IF		FB				
	LITCH	KUYLE	020		TF		FB	1.0	117.3 (118T)	005.5	03000
	VLA	VLA	010		IF		FB				
	VLA	NECIY	020	IAF	TF		FB	2.0	308.0 (309T)	024.2	03000
	VLA	KUYLE	030		TF	L	FB	1.0	268.8 (270T)	005.0	03000
	KUYLE	KUYLE	010		HF	R	FB		178.8 (180T)	005.0	03000
		KUYLE	010	FACF	IF		FB				03000
		JINVO	020	FAF	TF		FB	0.5	178.8 (180T)	006.1	02300
		RW18	030	MAP	TF		FO	0.3	178.8 (180T)	004.9	00725

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OREPE	040		DF		FO	1.0			03000
	OREPE	050		HM	R	FO	2.0	358.8 (360T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VLA	N390537.26	W0890944.87	N3905.621	W08909.748
	DAYRE	N391809.75	W0891926.28	N3918.163	W08919.438
	JINVO	N391440.46	W0894022.09	N3914.674	W08940.368
	KUYLE	N392048.25	W0894024.07	N3920.804	W08940.401
	LITCH	N392324.32	W0894637.54	N3923.405	W08946.626
	NECIY	N392049.33	W0893357.35	N3920.822	W08933.956
	OREPE	N385829.91	W0894016.87	N3858.499	W08940.281
	RW18	N390947.66	W0894020.51	N3909.794	W08940.342

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00685	40

CITY AND STATE LITCHFIELD, IL	ELEVATION: 690 TDZE: 685	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG MAY 10 2007	SUP:
	AIRPORT NAME: LITCHFIELD MUNI			AMDT: NONE
				DATED:



US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
VLA VORTAC	OREPE (FB)	252.51 / 24.83	3000	LPV: DA LNAV/VNAV: DA LNAV: RW36  CLIMB TO 3000 DIRECT KUYLE AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD N, RT, 178.76 INBOUND. CHART FAS OBST: 753 TREE 390902N/0894011W CHART FAS OBST: 951 TOWER 390700N/0894122W CHART VDP AT 1.74 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 40403 REFERENCE PATH ID: W36A DISTANCE TO THLD FROM 276 HAT: 0.75 NM
PRAYS (IAF)	OREPE (NOPT) (FB)	087.51 / 9.23	3000	
OREPE (IF/IAF)	LIYPE (FB)	358.76 / 6.04	2200	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD S OREPE, RT, 358.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 358.76 FAF: LIYPE DIST FAF TO MAP: 4.59 THLD: 4.59
- MIN. ALT: OREPE 3000, LIYPE 2200
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: LIYPE OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM: RW36 2300

MAG VAR: 1E EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD @					
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	958	1	276	958	1	276	958	1	276		NA				
LNAV/VNAV DA	1013	1 1/4	331	1013	1 1/4	331	1013	1 1/4	331		NA				
LNAV MDA	1260	1	578	1260	1	578	1260	1 1/2	578		NA				
CIRCLING	1260	1	570	1260	1	570	1260	1 1/2	570		NA				

NOTES:  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT OREPE ON V191 NORTHEAST BOUND.  
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.  
 CONTINUED ON PAGE 2

CITY AND STATE <b>LITCHFIELD, IL</b>	ELEVATION: 690 TDZE: 682 AIRPORT NAME: <b>LITCHFIELD MUNI</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 36, ORIG MAY 10 2007</b>	SUP: AMDT: <b>NONE</b> DATED
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**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

**NOTES CONT.**

**CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAYLORVILLE ALTIMETER SETTING AND INCREASE ALL DA'S 73 FEET AND ALL MDA'S 80 FEET.**

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

CITY AND STATE

LITCHFIELD, IL

ELEVATION: 690 TDZE: 682  
AIRPORT NAME:

LITCHFIELD MUNI

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG.  
MAY 10 2007

SUP:

AMDT: NONE

DATED:



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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K3LF
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	390908.1000N
LTP/FTP LONGITUDE	0894020.3025W
LTP/FTP ELLIPSOIDAL HEIGHT	+01760
FPAP LATITUDE	391037.2800N
FPAP LONGITUDE	0894020.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** 8D7E7D3A

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02073
FPAP ORTHOMETRIC HEIGHT	+02073

CITY AND STATE LITCHFIELD, IL	ELEVATION: 690 TDZE: 682	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG. MAY 10 2007	SUP:
	AIRPORT NAME: LITCHFIELD MUNI			AMDT: NONE
				DATED:







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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PRAYS	PRAYS	010	IAF	IF		FB				
	PRAYS	OREPE	020		TF		FB	1.0	087.5 (089T)	009.2	03000
	VLA	VLA	010		IF		FB				
	VLA	OREPE	020		TF		FB	2.0	252.5 (254T)	024.8	03000
	VLA	OREPE	030		HF	R	FB		358.8 (360T)	005.0	03000
		OREPE	010	FACF	IF		FB				03000
		LIYPE	020	FAF	TF		FB	0.5	358.8 (360T)	006.0	02200
		RW36	030	MAP	TF		FO	0.3	358.8 (360T)	004.6	00720

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KUYLE	040		DF		FO	1.0			03000
	KUYLE	050		HM	R	FO	2.0	178.8 (180T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VLA	N390537.26	W0890944.87	N3905.621	W08909.748
	KUYLE	N392048.25	W0894024.07	N3920.804	W08940.401
	LIYPE	N390432.70	W0894018.82	N3904.545	W08940.314
	OREPE	N385829.91	W0894016.87	N3858.499	W08940.281
	PRAYS	N385816.06	W0895206.50	N3858.268	W08952.108
	RW36	N390908.10	W0894020.30	N3909.135	W08940.338

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00680	40

CITY AND STATE  
LITCHFIELD, IL

ELEVATION: 690 TDZE: 682  
AIRPORT NAME:  
LITCHFIELD MUNI

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 36, ORIG  
MAY 10 2007

SUP:  
AMDT: NONE  
DATED:



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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MALLA (IAF)	RESAW (NOPT) (FB)	009.92 / 5.00	2600	<b>LPV: DA</b> <b>LNAV/VNAV: DA</b> <b>LNAV: RW10</b>  <b>CLIMB TO 2600 DIRECT OGREY AND HOLD.</b>  <b>ADDITIONAL FLIGHT DATA:</b> <b>HOLD E, RT, 280.26 INBOUND.</b> <b>CHART FAS OBST: 752 TREE 402515N/0865721W</b> <b>CHART HILLTOP MOA.</b> <b>CHART VDP AT 1.23 MILES TO RW10* *LNAV ONLY.</b> <b>WAAS CHANNEL # 45902</b> <b>REFERENCE PATH ID: W10A</b> <b>DISTANCE TO THLD FROM 276 HAT: 0.70 NM</b>
EXSAT (IAF)	RESAW (NOPT) (FB)	189.94 / 5.00	2600	
RESAW (IF/IAF)	ONAMY (FB)	099.93 / 6.01	2300	

1. PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
2. HOLD W RESAW, RT, 099.93 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 100.02 FAF: ONAMY DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: RESAW 2600, ONAMY 2300
5. DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
6. MIN GS INCPT: 2300 GS ALT AT: ONAMY OM:        MM:        IM:
7. GS ANGLE: 3.00 TCH: 53.3 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 1W                      EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			#	STANDARD @				
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	877	1/2	276	877	1/2	276	877	1/2	276	877	1/2	276			
LNAV/VNAV DA	1083	1 1/4	482	1083	1 1/4	482	1083	1 1/4	482	1083	1 1/4	482			
LNAV MDA	1040	1/2	439	1040	1/2	439	1040	3/4	439	1040	1	439			
CIRCLING	1160	1	554	1160	1	554	1160	1 1/2	554	1320	2 1/4	714			

NOTES:  
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE. @ CAT D 800-2 1/4  
 CHART NOTE: BARO-VNAV NA WHEN USING VERMILION COUNTY ALTIMETER SETTING. # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).  
 CHART NOTE: DME/DME RNP-0.3 NA.  
**CONTINUED ON PAGE 2**

CITY AND STATE <b>LAFAYETTE, IN</b>	ELEVATION: 606    TDZE: 601 AIRPORT NAME: <b>PURDUE UNIVERSITY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 10, AMDT 1, 05/10/2007</b> <b>MAY 10 2007</b>	SUP: AMDT: <b>ORIG</b> DATED <b>11/30/2000</b>
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**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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**NOTES CONT.**

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

**CHART NOTE: IF LOCAL ALTIMETER NOT RECEIVED, USE VERMILION COUNTY ALTIMETER SETTING AND INCREASE**

**ALL DAS 89 FEET, ALL MDAS 100 FEET.**

**CHART NOTE: VDP NA WHEN USING VERMILION COUNTY ALTIMETER SETTING.**

**TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	010/30 CW 190/30 (NOPT)	RESAW (IF/AF) (FB)	2600
2.	190/30 CW 280/30	EXSAT (IAF) (FB)	2600
3.	280/30 CW 010/30	MALLA (IAF) (FB)	2600

CITY AND STATE

LAFAYETTE, IN

ELEVATION: 606 TDZE: 601

AIRPORT NAME:

PURDUE UNIVERSITY

FACILITY IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:

RNAV (GPS) RWY 10, AMDT 1, 05/10/2007

MAY 10 2007

SUP:

AMDT: ORIG

DATED: 11/30/2000

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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLAF
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	402450.2685N
LTP/FTP LONGITUDE	0865703.3560W
LTP/FTP ELLIPSOIDAL HEIGHT	+01493
FPAP LATITUDE	402439.9500N
FPAP LONGITUDE	0865539.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 <u>CRC REMAINDER</u>	 86A9546C

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01828
FPAP ORTHOMETRIC HEIGHT	+01828

CITY AND STATE LAFAYETTE, IN	ELEVATION: 606    TDZE: 601	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 MAY 10 2007	SUP:
	AIRPORT NAME: PURDUE UNIVERSITY			AMDT:    ORIG
				DATED:    11-30-2000



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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EXSAT	EXSAT	010	IAF	IF		FB				
	EXSAT	RESAW	020		TF		FB	1.0	189.9 (189T)	005.0	02600
	MALLA	MALLA	010	IAF	IF		FB				
	MALLA	RESAW	020		TF		FB	1.0	009.9 (009T)	005.0	02600
	RESAW	RESAW	010		HF	R	FB		099.9 (099T)	005.0	02600
		RESAW	010	FACF	IF		FB				02600
		ONAMY	020	FAF	TF		FB	0.5	099.9 (099T)	006.0	02300
		RW10	030	MAP	TF		FO	0.3	100.0 (099T)	005.1	00653

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OGREY	040		DF		FO	1.0			02600
	OGREY	050		HM	R	FO	2.0	280.3 (279T)	005.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EXSAT	N403131.23	W0871023.64	N4031.521	W08710.394
	MALLA	N402138.09	W0871225.63	N4021.635	W08712.427
	OGREY	N402253.37	W0864116.24	N4022.890	W08641.271
	ONAMY	N402538.41	W0870338.58	N4025.640	W08703.643
	RESAW	N402634.67	W0871124.71	N4026.578	W08711.412
	RW10	N402450.27	W0865703.36	N4024.838	W08657.056

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW10	00600		53

CITY AND STATE <b>LAFAYETTE, IN</b>	ELEVATION: 606 TDZE: 601	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: <b>RNAV (GPS) RWY 10, AMDT 1</b> <b>MAY 10 2007</b>	SUP:
	AIRPORT NAME: <b>PURDUE UNIVERSITY</b>			AMDT: <b>ORIG</b>
				DATED: <b>11-30-2000</b>

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
OBOPY (IAF)	OGREY (NOPT) (FB)	190.27 / 5.00	2600	LPV: DA LNAV/VNAV: DA LNAV: RW28  CLIMB TO 2600 DIRECT RESAW AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD W, RT, 099.93 INBOUND. CHART FAS OBST: 791 STACKS 402502N/0865446W CHART 1060 TOWERS 2 402325N/0865153W. CHART 892 TOWER 402404.00N/0865210.00W. CHART HILLTOP MOA. WAAS CHANNEL # 82103 REFERENCE PATH ID: W28A DISTANCE TO THLD FROM 258 HAT: 0.67 NM
JEPFE (IAF)	OGREY (NOPT) (FB)	010.25 / 5.00	2600	
OGREY (IF/IAF)	ILRAY (FB)	280.26 / 6.01	2300	

- PT          SIDE OF COURSE          OUTBOUND          FT WITHIN          MILES OF          (IAF)
- HOLD E OGREY, RT, 280.26 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 280.17 FAF: ILRAY DIST FAF TO MAP: 5.12 THLD: 5.12
- MIN. ALT: OGREY 2600, ILRAY 2300, KUKDE/2.60 NM TO RW28 1460\*
- DIST TO THLD FROM OM:          MM:          IM:          150 HAT:          100 HAT:          GS ANT:
- MIN GS INCPT: 2300 GS ALT AT: ILRAY OM:          MM:          IM:
- GS ANGLE: 3.00 TCH: 45.9 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 1W EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			#	STANDARD @				
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	856	1	258	856	1	258	856	1	258	856	1	258			
LNAV/VNAV DA	1125	1 3/4	527	1125	1 3/4	527	1125	1 3/4	527	1125	1 3/4	527			
LNAV MDA	1060	1	462	1060	1	462	1060	1 1/4	462	1060	1 1/2	462			
CIRCLING	1160	1	554	1160	1	554	1160	1 1/2	554	1320	2 1/4	714			

NOTES:  
 CHART NOTE: BARO-VNAV NA WHEN USING VERMILION COUNTY ALTIMETER SETTING. @ CAT D 800-2 1/4  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 CONTINUED ON PAGE 2

CITY AND STATE <b>LAFAYETTE, IN</b>	ELEVATION: 606 TDZE: 598 AIRPORT NAME: <b>PURDUE UNIVERSITY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 28, AMDT 1, 05/10/2007</b> <b>MAY 10 2007</b>	SUP: AMDT: <b>ORIG</b> DATED <b>11/30/2000</b>
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**US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

**NOTES CONT.**

**\*LNAV ONLY**

**CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERMILION COUNTY ALTIMETER SETTING AND INCREASE ALL DAS 89 FEET, ALL MDAS 100 FEET.**

**TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	190/30 CW 010/30 (NOPT)	OGREY (IF/IAF) (FB)	2600
2.	010/30 CW 100/30	JEPFE (IAF) (FB)	2600
3.	100/30 CW 190/30	OBOPY (IAF) (FB)	2600

CITY AND STATE <b>LAFAYETTE, IN</b>	ELEVATION: 606 TDZE: 598 AIRPORT NAME: <b>PURDUE UNIVERSITY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: <b>RNAV (GPS) RWY 28, AMDT 1, 05/10/2007</b> <b>MAY 10 2007</b>	SUP:
				AMDT: <b>ORIG</b>
				DATED: <b>11/30/2000</b>

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

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**FAS DATA BLOCK INFORMATION**

**DATA FIELD**

**DATA**

OPERATION TYPE 0  
 SBAS SERVICE PROVIDER IDENTIFIER 0  
 AIRPORT IDENTIFIER KLAF  
 RUNWAY RW28  
 APPROACH PERFORMANCE DESIGNATOR 0  
 ROUTE INDICATOR  
 REFERENCE PATH DATA SELECTOR 0  
 REFERENCE PATH IDENTIFIER (APPROACH ID) W28A  
 LTP/FTP LATITUDE 402439.9625N  
 LTP/FTP LONGITUDE 0865539.1065W  
 LTP/FTP ELLIPSOIDAL HEIGHT +01486  
 FPAP LATITUDE 402454.0500N  
 FPAP LONGITUDE 0865734.2900W  
 THRESHOLD CROSSING HEIGHT (TCH) 00045.9  
 TCH UNITS SELECTOR (METERS OR FEET USED) F  
 GLIDEPATH ANGLE (GPA) 03.00  
 COURSE WIDTH AT THRESHOLD 106.75  
 LENGTH OFFSET 0736  
 HORIZONTAL ALERT LIMIT (HAL) 40.0  
 VERTICAL ALERT LIMIT (VAL) 50.0

**CRC REMAINDER**

FEE7E8FF

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE K5  
 LTP ORTHOMETRIC HEIGHT +01822  
 FPAP ORTHOMETRIC HEIGHT +01822

CITY AND STATE LAFAYETTE, IN	ELEVATION: 606 TDZE: 598 AIRPORT NAME: PURDUE UNIVERSITY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1 MAY 10 2007	SUP:
				AMDT: ORIG
				DATED: 11-30-2000



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

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 except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.  
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 except visibilities which are in statute miles or in feet RVR.

SUSAP KLAFK5PR28 RW28 002 +01822+01822W28A 82103 000

CITY AND STATE LAFAYETTE, IN	ELEVATION: 606 TDZE: 598 AIRPORT NAME: PURDUE UNIVERSITY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, AMDT 1, 05/10/2007 MAY 10 2007	SUP:
				AMDT: ORIG
				DATED: 11-30-2000

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JEPFE	JEPFE	010	IAF	IF		FB				
	JEPFE	OGREY	020		TF		FB	1.0	010.3 (009T)	005.0	02600
	OBOFY	OBOFY	010	IAF	IF		FB				
	OBOFY	OGREY	020		TF		FB	1.0	190.3 (189T)	005.0	02600
	OGREY	OGREY	010		HF	R	FB		280.3 (279T)	005.0	02600
		OGREY	010	FACF	IF		FB				02600
		ILRAY	020	FAF	TF		FB	0.5	280.3 (279T)	006.0	02300
		KUKDE	021	SDF	TF		FB	0.3	280.2 (279T)	002.5	01460
		RW28	030	MAP	TF		FO	0.3	280.2 (279T)	002.6	00644

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RESAW	040		DF		FO	1.0			02600
	RESAW	050		HM	R	FO	2.0	099.9 (099T)	005.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILRAY	N402351.11	W0864901.75	N4023.852	W08649.029
	JEPFE	N401757.06	W0864219.33	N4017.951	W08642.322
	KUKDE	N402415.22	W0865217.47	N4024.254	W08652.291
	OBOFY	N402749.66	W0864012.99	N4027.828	W08640.217
	OGREY	N402253.37	W0864116.24	N4022.890	W08641.271
	RESAW	N402634.67	W0871124.71	N4026.578	W08711.412
	RW28	N402439.96	W0865539.11	N4024.666	W08655.652

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00598	46

CITY AND STATE <b>LAFAYETTE, IN</b>	ELEVATION: 606 TDZE: 598 AIRPORT NAME: <b>PURDUE UNIVERSITY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: <b>RNAV (GPS) RWY 28, AMDT 1, 05/10/2007</b> <b>MAY 10 2007</b>	SUP:
				AMDT: <b>ORIG</b>
				DATED: <b>11-30-2000</b>

## TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

**(1) TAKEOFF MINIMUMS:**

**RWY 10, 28, STANDARD**

**RWY 05, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 342 FT PER NM TO 1000.**

**RWY 23, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM TO 1100.**

**(2) TEXTUAL DEPARTURE PROCEDURE:**

**(3) TAKEOFF OBSTACLE NOTES:**

**NOTE: RWY 10, MULTIPLE TREES BEGINNING 1230' FROM DER, 394' RIGHT OF CENTERLINE, UP TO 80' AGL/639' MSL. ANTENNA 258' FROM DER, 323' LEFT OF CENTERLINE, 14' AGL/613' MSL.**

**NOTE: RWY 28, MULTIPLE TREES BEGINNING 397' FROM DER, 461' LEFT OF CENTERLINE, UP TO 57' AGL/656' MSL. TREE 3382' FROM DER, 973' RIGHT OF CENTERLINE, 68' AGL/697' MSL.**

**NOTE: RWY 05, MULTIPLE TREES AND BUILDINGS BEGINNING 290' FROM DER, 33' RIGHT OF CENTERLINE, UP TO 167' AGL/782' MSL. MULTIPLE TREES, BUILDINGS, AND ANTENNAS BEGINNING 45' FROM DER, 25' LEFT OF CENTERLINE, UP TO 227' AGL/850' MSL.**

**(4) CONTROLLING OBSTACLES:**

**RWY 05: 850 MSL STACK 402538.00N/0865448.00W**

**RWY 23: 915 MSL TOWER 402312.00N/0865814.00W**

(5) City, State

**LAFAYETTE, IN**

(6) Airport

**PURDUE UNIVERSITY**

(7) Effective Date

**MAY 10 2007**

(8) Amdt. No.

**1**

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

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

**(3) TAKEOFF OBSTACLE NOTES: (CONT.)**

**NOTE: RWY 23, ROD ON OL TWR 1.9 NM FROM DER, 272' LEFT OF CENTERLINE, 314' AGL/915' MSL. TREE 90' FROM DER, 235' LEFT OF CENTERLINE, 34' AGL/613' MSL.**

City, State <b>LAFAYETTE, IN</b>		Airport <b>PURDUE UNIVERSITY</b>			Effective Date	Amdt. No. <b>1</b>
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date <b>MAY 10 2007</b>	



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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
SKOOL (IAF)	EKLAW (NOPT) (FB)	315.44 / 5.00	2600	LPV: DA LNAV: RW05	
BOHON (IAF)	EKLAW (NOPT) (FB)	135.34 / 5.00	2600	CLIMB TO 2600 DIRECT CIKOR AND VIA 155.09 TRACK TO EXULE AND VIA 271.32 TRACK TO ZEBUL AND HOLD.	
EKLAW (IF/IAF)	TANTE (FB)	045.39 / 6.00	2400		
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 269.06 INBOUND. CHART FAS OBST: 694 TOWER 355828N/0782235W CHART FAS OBST: 450 TREE 360050N/0782029W CHART VDP AT 0.98 MILES TO RW05* *LNAV ONLY. WAAS CHANNEL # 90103 REFERENCE PATH ID: W05A DIST TO THLD FROM 294 HAT: 0.79 NM	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD SW EKLAW, RT, 045.39 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 045.44 FAF: TANTE DIST FAF TO MAP: 6.14 THLD: 6.14
- MIN. ALT: EKLAW 2600, TANTE 2400, JEBIX/2.00 NM TO RW05 1040
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT: 2400 GS ALT AT: TANTE OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 43.3 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 8W EPOCH YEAR: 1995

MINIMUMS																
TAKEOFF:	X	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			#	@					
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	660	1	294	660	1	294	660	1	294	660	1	294				
LNAV MDA	700	1	334	700	1	334	700	1	334	700	1	334				
CIRCLING	800	1	431	820	1	451	820	1 1/2	451	920	2	551				

NOTES:  
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 23 NA AT NIGHT. # @ 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: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE RALEIGH-DURHAM ALTIMETER SETTING AND  
**CONTINUED ON PAGE 2**

CITY AND STATE <b>LOUISBURG, NC</b>	ELEVATION: 369 TDZE: 366 AIRPORT NAME: <b>FRANKLIN COUNTY</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG-C MAY 10 2007</b>	SUP: AMDT: <b>ORIG-B</b> DATED <b>06/09/2009<sup>A</sup></b>
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**RNAV (GPS) - STANDARD  
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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**NOTES CONT.**

**INCREASE DA TO 725 FEET; INCREASE ALL MDA'S 80 FEET.**

**CHART NOTE: VDP NA WHEN USING RALEIGH-DURHAM ALTIMETER SETTING.**

**TAA**

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	315/30 CW 135/30 315/9 CW 135/9 (NOPT)	315/9 CW 135/9 EKLaw (IF/IAF)	3400 2600
2.	135/30 CW 225/30	BOHON (IAF)	2600
3.	225/30 CW 315/30 225/10 CW 315/10	225/10 CW 315/10 SKOOL (IAF)	3200 2600

CITY AND STATE LOUISBURG, NC	ELEVATION: 369 TDZE: 366 AIRPORT NAME: FRANKLIN COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 5, ORIG-C MAY 10 2007	SUP:
				AMDT: ORIG-B
				DATED: 06/09/2005

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

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**FAS DATA BLOCK INFORMATION**

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLHZ
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	360102.4700N
LTP/FTP LONGITUDE	0782009.3500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00781
FPAP LATITUDE	360145.7100N
FPAP LONGITUDE	0781928.5300W
THRESHOLD CROSSING HEIGHT (TCH)	00043.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.00
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** 9BD0B492

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01116
FPAP ORTHOMETRIC HEIGHT	+01116

CITY AND STATE  
LOUISBURG, NC

ELEVATION: 369 TDZE: 366  
AIRPORT NAME:  
FRANKLIN COUNTY

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 5, ORIG-C  
MAY 10 2007

SUP:  
AMDT: ORIG-B  
DATED: 06-09-2005





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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOHON	BOHON	010	IAF	IF		FB				
	BOHON	EKLAW	020		TF		FB	1.0	135.3 (127T)	005.0	02600
	SKOOL	SKOOL	010	IAF	IF		FB				
	SKOOL	EKLAW	020		TF		FB	1.0	315.4 (307T)	005.0	02600
	EKLAW	EKLAW	010		HF	R	FB		045.4 (037T)	004.0	02600
		EKLAW	010	FACF	IF		FB				02600
		TANTE	020	FAF	TF		FB	0.5	045.4 (037T)	006.0	02400
		JEBIX	021	SDF	TF		FO	0.3	045.4 (037T)	004.1	01040
		RW05	030	MAP	TF		FO		045.4 (037T)	002.0	00409

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIKOR	040		DF		FB	1.0			
	EXULE	050		TF		FB	1.0	155.1 (147T)		
	ZEBUL	060		TF		FO	1.0	271.3 (263T)		
	ZEBUL	070		HM	R	FO	2.0	269.1 (261T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOHON	N355425.48	W0783407.94	N3554.425	W07834.132
	CIKOR	N360719.25	W0781413.08	N3607.321	W07814.218
	EKLAW	N355123.21	W0782914.64	N3551.387	W07829.244
	EXULE	N355625.38	W0780532.96	N3556.423	W07805.549
	JEBIX	N355927.09	W0782139.33	N3559.452	W07821.656
	SKOOL	N354820.60	W0782421.49	N3548.343	W07824.358
	TANTE	N355609.58	W0782445.42	N3556.160	W07824.757
	ZEBUL	N355444.33	W0782300.47	N3554.739	W07823.008
	RW05	N360102.47	W0782009.35	N3601.041	W07820.156

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00366	43

CITY AND STATE LOUISBURG, NC	ELEVATION: 369 TDZE: 366	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG-C MAY 10 2007	SUP:
	AIRPORT NAME: FRANKLIN COUNTY			AMDT: ORIG-B
				DATED: 06-09-2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOHON	BOHON	010	IAF	IF		FB				
	BOHON	EKLAW	020		TF		FB	1.0	135.3 (127T)	005.0	02600
	SKOOL	SKOOL	010	IAF	IF		FB				
	SKOOL	EKLAW	020		TF		FB	1.0	315.4 (307T)	005.0	02600
	EKLAW	EKLAW	010		HF	R	FB		045.4 (037T)	004.0	02600
		EKLAW	010	FACF	IF		FB				02600
		TANTE	020	FAF	TF		FB	0.5	045.4 (037T)	006.0	02400
		JEBIX	021	SDF	TF		FO	0.3	045.4 (037T)	004.1	01040
		RW05	030	MAP	TF		FO		045.4 (037T)	002.0	00409

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	045.4 (037T)		00660
	CIKOR	050		DF		FB	1.0			
	EXULE	060		TF		FB	1.0	155.1 (147T)		
	ZEBUL	070		TF		FO	1.0	271.3 (263T)		
	ZEBUL	080		HM	R	FO	2.0	269.1 (261T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOHON	N355425.48	W0783407.94	N3554.425	W07834.132
	CIKOR	N360719.25	W0781413.08	N3607.321	W07814.218
	EKLAW	N355123.21	W0782914.64	N3551.387	W07829.244
	EXULE	N355625.38	W0780532.96	N3556.423	W07805.549
	JEBIX	N355927.09	W0782139.33	N3559.452	W07821.656
	SKOOL	N354820.60	W0782421.49	N3548.343	W07824.358
	TANTE	N355609.58	W0782445.42	N3556.160	W07824.757
	ZEBUL	N355444.33	W0782300.47	N3554.739	W07823.008
	RW05	N360102.47	W0782009.35	N3601.041	W07820.156

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00366	43

CITY AND STATE  
LOUISBURG, NC

ELEVATION: 369 TDZE: 366  
AIRPORT NAME:  
FRANKLIN COUNTY

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:  
RNAV (GPS) RWY 5, ORIG-C  
MAY 10 2007

SUP:  
AMDT: ORIG-B  
DATED: 06-09-2005

**NDB STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
KLASH INT / CKW 39.00 DME	SAA NDB	193.80 / 8.54	11400	MAP: SAA NDB	
TRUMA INT / CKW 25.00 DME	SAA NDB	128.26 / 15.18	9900	CLIMBING RIGHT TURN TO 10000 IN SAA NDB HOLDING PATTERN	
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 150.00 INBOUND.  CHART FAS OBST: 7359 TREE 413226N / 1065101W FAC CROSSES MID POINT OF RWY 05-23  CHART AIRPORT ELEVATION 7012	

1. PT L SIDE OF COURSE 330.00 OUTBOUND 9200 FT WITHIN 10 MILES OF SAA NDB (IAF)
2. \_\_\_\_\_
3. FAC 150.00 FAF \_\_\_\_\_ DIST FAF TO MAP \_\_\_\_\_ THLD \_\_\_\_\_
4. MIN. ALT \_\_\_\_\_
8. MSA FROM: SAA NDB 005-245 13300, 245-005 9900

MAG VAR: 12E EPOCH YEAR: 95

**MINIMUMS**

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N		A	X						
CATEGORY	A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
CIRCLING	7720	1 1/4	708	7720	1 1/4	708	7720	2	708	7720	2 1/4	708				

NOTES:  
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE RAWLINS ALTIMETER SETTING AND INCREASE ALL MDAs 280 FEET.

CITY AND STATE	ELEVATION: 7012 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP	NDB OR GPS-A
SARATOGA, WY	AIRPORT NAME: SHIVELY FIELD	SAA	MAY 10 2007 NDB-A, AMDT 1	AMDT	ORIG
				DATE	02/02/1995



U.S. Department of Transportation  
Federal Aviation Administration

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NEDAE (40E)	TRUMA (TF) (FB) (40E) (43A)	041.26 / 35.42	11000	<b>LNAV: JILOD</b>  <b>CLIMBING RIGHT TURN TO 10,000 DIRECT TRUMA AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 13,000.</b>
KLASH (40E)	TELCU (TF) (FB) (40E) (43C)	274.58 / 6.83	10000	
TRUMA (IAF) (40E) (43A)	TELCU (NOPT) (TF) (FB) (40E) (41E)	094.37 / 7.17	10000	
TELCU (IF/IAF) (40E) (43I)	WIVID (TF) (FB) (40E) (43F)	150.60 / 6.00	8800	
WIVID (FAF) (40E) (43F)	JILOD (TF) (FO) (40E) (41Y) (43M)	150.62 / 4.10		
JILOD (MAP) (40E) (41Y) (43M)	7412 MSL (CA) (42M)	150.62		
7412 MSL	TRUMA (DF) (FO) (40E) (41E) (43H)		10000	<b>ADDITIONAL FLIGHT DATA:</b> <b>HOLD NW, LT, 127.61 INBOUND</b> <b>CHART FAS OBST: 7159 TREE 412618N / 1065005W</b> <b>ROUTE TYPE: A, R</b> <b>ROUTE TYPE QUALIFIER 2: C</b> <b>FAC CROSSES MIDP OINT OF RWY 5-23</b>

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD NW TELCU, RT, 150.60 INBOUND, 10000 FT. IN LIEU OF PT (IAF) (HF) (40E) (43C)
- FAC: 150.62 FAF: WIVID DIST FAF TO MAP: 4.10 THLD: -
- MIN. ALT: TELCU 10000, WIVID 8800
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCPT:        GS ALT AT:        OM:        MM:        IM:
- GS ANGLE:        TCH:
- MSA FROM: JILOD 13300

MAG VAR: 12E EPOCH YEAR: 95

**MINIMUMS**

TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A			<input checked="" type="checkbox"/>									
CATEGORY $\Rightarrow$	A			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	7600	1	588	7600	1	588	7620	1 3/4	608	7620	2	608			

NOTES: CHART NOTES: DME/DME RNP -0.3 NA. IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE RAWLINS ALTIMETER SETTING AND INCREASE ALL MDAs 280 FEET.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT NEDAE VIA V26 SOUTHBOUND.

CITY AND STATE	ELEVATION: 7012 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SARATOGA, WY	AIRPORT NAME: SHIVELY FIELD	RNAV	MAY 10 2007 RNAV (GPS) -B, ORIG	AMDT: NONE
				DATE

[4910-13]

DEPARTMENT OF TRANSPORTATION  
Federal Aviation Administration  
14 CFR Part 97

[Docket No. 30540; Amdt. No. 3209]

Standard Instrument Approach Procedures;  
Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT

ACTION: Final rule

SUMMARY: This amendment amends Standard Instrument Approach Procedures (SIAPs) for operations at certain airports. These regulatory actions are needed because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, addition of new obstacles, or changes in 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 is specified in the amendatory provisions.

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

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

For Examination-

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Ave, SW., Washington, DC 20591;
2. The FAA Regional Office of the region in which affected airport is located; or
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](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

For Purchase- Individual SIAP 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.

By Subscription- Copies of all SIAPs, mailed once every 2 weeks, are for sale by the Superintendent of Documents, US Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South

MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This amendment to Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) amends Standard Instrument Approach Procedures (SIAPs). The complete regulatory description of each SIAP is contained in the appropriate FAA Form 8260, as modified by the the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), which is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and § 97.20 of the Code of Federal Regulations. Materials incorporated by reference are available for examination or purchase as stated above.

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. The provisions of this amendment state the affected CFR sections, with the types and effective dates of the SIAPs. This amendment also identifies the airport, its location, the procedure identification 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 chart changes to SIAPs, the TERPS criteria were applied to only these 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.

Further, the SIAPs contained in this amendment are based on the criteria contained in TERPS. 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.

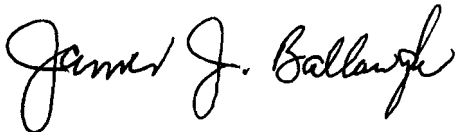
## CONCLUSION

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 23, 2007



James J. Ballough  
Director, Flight Standards Service

## ADOPTION OF THE AMENDMENT

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

## Part 97 -- Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:



FDC 7/2739 FCH FI/P FRESNO-CHANDLER EXECUTIVE, FRESNO, CA.  
VOR/DME OR GPS C, AMDT 5...CIRCLING MDA 1020/HAA 740 CATS A/B/C.  
APT ELEVATION 280. CHANGE ALL REFERENCE TO RWY 12R/30L TO 12/30.  
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO  
YOSEMITE INTL ALTIMETER SETTING AND INCREASE MDA 20 FEET.  
DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO  
AIR TERMINAL ALTIMETER SETTING. THIS IS VOR/DME OR GPS C, AMDT 5A.

FDC 7/2742 FCH FI/P FRESNO-CHANDLER EXECUTIVE, FRESNO, CA. GPS  
RWY 12R, ORIG-A...S-12 MDA 820/HAT 541 CAT A/B/C CIRCLING HAA 740 CAT  
A/B/C, VIS CAT B 1, CAT C 2. CHANGE ALL REFERENCES TO RWY 12R/30L TO  
12/30. DELETE: HOLD IN LIEU AT SIPZY. DELETE IAF DESIGNATION FROM  
SIPZY WP. DELETE: NO PT FROM BLEAR AND BEREN TRANSITIONS. APT  
ELEVATION 280. TDZE 279. DELETE: VDP AT 1.5NM TO RWY 12R. CHART NOTE:  
IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO YOSEMITE  
INTL ALTIMETER SETTING AND INCREASE ALL MDA S 20 FEET. THIS IS GPS  
RWY 12, ORIG-B.

FDC 7/2743 FCH FI/P FRESNO-CHANDLER EXECUTIVE, FRESNO, CA. NDB OR  
GPS B, AMDT 7A...CIRCLING MDA 1020/HAA 740 CATS A/B/C. APT  
ELEVATION 280. CHANGE ALL REFERENCES TO RWY 12R/30L TO 12/30.  
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO  
YOSEMITE INTL ALTIMETER SETTING AND INCREASE MDA 20 FEET.  
DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO  
AIR TERMINAL ALTIMETER SETTING. THIS IS NDB OR GPS B, AMDT 7B.

FDC 7/2744 FCH FI/P FRESNO-CHANDLER EXECUTIVE, FRESNO, CA. GPS  
RWY 30L, ORIG-A...S-30 MDA 900/HAT 621 CATS A/B/C. VIS CAT C 1 3/4.  
CIRCLING MDA 1020/HAA 740 CAT A/B/C. TDZE 279. APT ELEVATION 280.  
CHANGE ALL REFERENCE TO RWY 12R/30L TO 12/30. CHART NOTE: IF  
LOCAL ALTIMETER SETTING NOT RECEIVED, USE FRESNO YOSEMITE INTL  
ALTIMETER SETTING AND INCREASE ALL MDA S 20 FEET. THIS IS GPS RWY  
30, ORIG-B.

FDC 7/3287 CYS FI/P CHEYENNE REGIONAL/JERRY OLSON FIELD,  
CHEYENNE, WY. NDB RWY 27, AMDT 14...S-27 MDA 6620/HAT 499 VIS CATS  
A/B RVR 5000, CAT C RVR 6000, CAT D 1 1/2. CIRCLING CATS A/B/C MDA  
6660/HAA 504. THIS IS NDB RWY 27, AMDT 14A.

FDC 7/3288 CYS FI/P CHEYENNE REGIONAL/JERRY OLSON FIELD,  
CHEYENNE, WY. VOR OR TACAN A, AMDT 10...CIRCLING A/B/C MDA  
6660/HAA 504. THIS IS VOR OR TACAN A, AMDT 10A.

FDC 7/3289 ANC F/I/P TED STEVENS ANCHORAGE INTL, ANCHORAGE, AK. ILS OR LOC/DME RWY 7R, ORIG...DELETE ALL REFERENCE TO MM. THIS IS ILS OR LOC/DME RWY 7R, ORIG-A.

FDC 7/3290 FAI F/I/P FAIRBANKS INTL, FAIRBANKS, AK. ILS RWY 1L, AMDT 7...DELETE ALL REFERENCE TO MM CHANGE TERMINAL ROUTE FROM CHENA (CUN) NDB TO CACHE INT TO READ BEARING 222 VICE 218 THIS IS ILS OR LOC RWY 1L, AMDT 7A.

FDC 7/3291 YAK F/I/P YAKUTAT, YAKUTAT, AK ILS OR LOC/DME RWY 11 ORIG DELETE ALL REFERENCE TO MM THIS IS ILS OR LOC/DME RWY 11 ORIG-A.

FDC 7/3295 FAI F/I/P FAIRBANKS INTL, FAIRBANKS, AK ILS RWY 19R AMDT 21A DELETE ALL REFERENCE TO MM THIS IS ILS OR LOC RWY 19R AMDT 21B.

FDC 7/3558 OKV F/I/P WINCHESTER REGIONAL, WINCHESTER, VA. VOR/DME OR GPS A, AMDT 4...CHANGE ALL REFERENCE FROM PAYS A TO CWINE. THIS IS VOR/DME OR GPS A, AMDT 4A.