

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-07

FEBRUARY 22, 2008

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

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

**The following are corrected copies of procedures published in Transmittal Letter
08-05, 08-06:**

Dothan, AL, Dothan Regional, VOR OR TACAN-A, Amdt 12
Fairmont, MN, Fairmont Muni, ILS OR LOC RWY 31, Orig-C

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM			TO			COURSE AND DISTANCE			ALTITUDE		MAP: 1.85 MILES AFTER RRS VORTAC OR AT MAJOK/RRS 1.85 DME FIX CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 090 AND RRS VORTAC R-019 TO HAVSO INT/RRS 15.58 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 199.05 INBOUND. CHART FAS OBST: 457 TREE 311826N/0852649W CHART RRS R-230 AT IVGIF. CHART RRS R-126 AT IVCOB.										
IVCOB/RRS 10.00 DME CW (IAF)			EASAL/RRS 10.00 DME (NOPT)			10.00 DME ARC			2500												
IVGIF/RRS 10.00 DME CCW (IAF)			EASAL/RRS 10.00 DME (NOPT)			10.00 DME ARC			2500												
EASAL/RRS 10.00 DME (IF)			DUKME/RRS 5.00 DME			334.00 / 5.00			2000												
DUKME/RRS 5.00 DME			RRS VORTAC			334.00 / 5.00			1400												
THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-5																					
1. PT <u>R</u> SIDE OF COURSE <u>154.00</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>RRS VORTAC</u> (IAF) 2. _____ 3. FAC <u>334.00</u> FAF <u>RRS VORTAC</u> DIST FAF TO MAP <u>1.85</u> THLD _____ 4. MIN. ALT <u>RRS VORTAC 1400</u> 8. MSA FROM: <u>RRS VORTAC 360-180 2600, 180-360 3100</u>										MAG VAR: 2E EPOCH YEAR: 1965											
MINIMUMS																					
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD @							
CATEGORY ==>		A			B			C			D			E							
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
CIRCLING		860	1	460	860	1	460	860	1 1/2	460	980	2	580								
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.																	@ NA WHEN CONTROL TOWER CLOSED. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.				
CITY AND STATE				ELEVATION: 400 TDZE:				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR TACAN OR					
DOTHAN, AL				AIRPORT NAME:				RRS				VOR OR TACAN-A, AMDT 12				GPS-A					
				DOTHAN REGIONAL								APR 10 2008				AMDT 11E					
																DATE 12/07/2001					

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SALKE/FRM 12.00 DME CW (IAF)	TICUC/FRM 12.00 DME (NOPT)	12.00 DME ARC (FRM LR-117)	3100	ILS: DA LOC: 5.60 MILES AFTER MONTZ LOM/FRM 6.29 DME OR AT 0.69 DME FIX CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3100 DIRECT MONTZ LOM/FRM 6.29 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 310.12 INBOUND. CHART FAS OBST: 1289 TREE 433623N/0942211W CHART FRM R-221 AT HITUR. CHART FRM R-026 AT SALKE.
HITUR/FRM 12.00 DME CCW (IAF)	TICUC/FRM 12.00 DME (NOPT)	12.00 DME ARC (FRM LR-137)	3100	
TICUC/FRM 12.00 DME (IF)	MONTZ LOM/FRM 6.29 DME	310.12 / 5.71	3100	
FRM VOR/DME	MONTZ LOM/FRM 6.29 DME	126.50 / 6.29	3100	

This is a corrected copy of a corrected copy published in TL 08-06 correcting the effective date.

- PT R SIDE OF COURSE 130.12 OUTBOUND 3100 FT WITHIN 10 MILES OF MONTZ LOM (IAF)
-
- FAC: 310.12 FAF: MONTZ LOM/FRM 6.29 DME DIST FAF TO MAP: 5.60 THLD: 5.60
- MIN. ALT: MONTZ LOM 3100
- DIST TO THLD FROM OM: 5.60 MM: 0.47 IM: - 150 HAT: - 100 HAT: - GS ANT: 843
- MIN GS INCPT: 3100 GS ALT AT GS INTCP OM: 3016 MM: 1355 IM: -
- GS ANGLE: 3.00 TCH: 59.0
- MSA FROM: MONTZ LOM 3200

MAG VAR: 4E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 31	1412	3/4	250	1412	3/4	250	1412	3/4	250	1412	3/4	250				
S-LOC 31	1540	3/4	378	1540	3/4	378	1540	3/4	378	1540	3/4	378				
CIRCLING	1640	1	478	1640	1	478	1640	1 1/2	478	1720	2	558				

NOTES:
CHART NOTE: ADF REQUIRED.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 1468' MSL.
CHART PLANVIEW NOTE: ADF REQUIRED.
S-ILS-31: INOPERATIVE TABLE DOES NOT APPLY.
SEE 8260-10

CITY AND STATE FAIRMONT, MN	ELEVATION: 1162 TDZE: 1162 AIRPORT NAME: FAIRMONT MUNI	FACILITY IDENTIFIER: I-FQJ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, ORIG-C → MAR 13 2008	SUP: ILS RWY 31 AMDT: ORIG-B DATED
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[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30595; Amdt. No. 3258

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

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

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

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

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

For Examination-

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

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

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

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

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

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

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

THE RULE

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

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

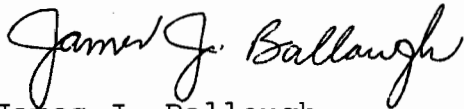
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on February 22, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, under Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and/or Takeoff Minimums and/or Obstacle Departure Procedures effective at 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 13 MAR 2008

Bishop CA, Eastern Sierra Rgnl, RNAV (GPS) Y RWY 12, Orig
Bishop CA, Eastern Sierra Rgnl, RNAV (GPS) Z RWY 12, Orig

Effective 10 APR 2008

Anniston, AL, Anniston Metropolitan, ILS OR LOC RWY 5, Amdt 2
Anniston, AL, Anniston Metropolitan, RNAV (GPS) RWY 5, Orig
Anniston, AL, Anniston Metropolitan, RNAV (GPS) RWY 23, Orig
Anniston, AL, Anniston Metropolitan, NDB RWY 5, Amdt 3
Anniston, AL, Anniston Metropolitan, Takeoff Minimums and Obstacle DP, Amdt 6
Dothan, AL, Dothan Regional, ILS OR LOC RWY 14, Orig
Mobile, AL, Mobile Regional, Takeoff Minimums and Obstacle DP, Amdt 1
Palmer, AK, Palmer Muni, RNAV (GPS)-A, Orig
Palmer, AK, Palmer Muni, RNAV (GPS) RWY 9, Orig
Palmer, AK, Palmer Muni, GPS-A, Orig CANCELLED
Palmer, AK, Palmer Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Venetie, AK, Venetie, RNAV (GPS) RWY 4, ORIG
Venetie, AK, Venetie, RNAV (GPS) RWY 22, ORIG
Venetie, AK, Venetie, Takeoff Minimums and Obstacle DP, Orig
Yakutat, AK, Yakutat, RNAV (GPS) RWY 11, Amdt 1A
Yakutat, AK, Yakutat, RNAV (GPS) RWY 29, Amdt 2
Yakutat, AK, Yakutat, LOC/DME BC RWY 29, Amdt 5
Sedona, AZ, Sedona, Takeoff Minimums and obstacle DP, Amdt 1
Alturas, CA, Alturas Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Fresno, CA, Fresno Yosemite Intl, ILS OR LOC/DME RWY 29R, ILS RWY 29R
(CAT II), ILS RWY 29R (CAT III), Amdt 37
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 7L, Amdt 6B
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 7R, Amdt 5A
Palm Springs, CA, Palm Springs Intl, Takeoff Minimums and Obstacle DP, Amdt 5
Sacramento, CA, McClellan Airfield, Takeoff Minimums and Obstacle DP, Amdt 1
Santa Barbara, CA, Santa Barbara Muni, ILS OR LOC RWY 7, Amdt 5
Santa Barbara, CA, Santa Barbara Muni, RNAV (GPS) RWY 7, Orig
Cairo, GA, Cairo-Grady County, RNAV (GPS) RWY 13, Orig
Cairo, GA, Cairo-Grady County, RNAV (GPS) RWY 31, Orig
Cairo, GA, Cairo-Grady County, NDB RWY 13, Amdt 4
Cairo, GA, Cairo-Grady County, Takeoff Minimums and Obstacle DP, Amdt 2
Monroe, GA, Monroe-Walton County, Takeoff Minimums and Obstacle DP, Amdt 1
Council Bluffs, IA, Council Bluffs Muni, RNAV (GPS) RWY 18, Orig
Council Bluffs, IA, Council Bluffs Muni, RNAV (GPS) RWY 36, Orig
Council Bluffs, IA, Council Bluffs Muni, VOR-A, Amdt 5

Council Bluffs, IA, Council Bluffs Muni, Takeoff Minimums and Obstacle DP, Orig
Rantoul, IL, Rantoul Natl Avn Cntr/Frank Elliott Fld, RNAV (GPS) RWY 9, Amdt 1
Rantoul, IL, Rantoul Natl Avn Cntr/Frank Elliott Fld, RNAV (GPS) RWY 27, Amdt 1
Rantoul, IL, Rantoul Natl Avn Cntr/Frank Elliott Fld, Takeoff Minimums and
Obstacle DP, Orig
Auburn, IN, Dekalb County, ILS OR LOC RWY 27, Amdt 1
French Lick, IN, French Lick Muni, RNAV (GPS) RWY 8, Orig
French Lick, IN, French Lick Muni, GPS RWY 8, Orig, CANCELLED
French Lick, IN, French Lick Muni, Takeoff Minimums and Obstacle DP, Orig
Lexington, KY, Blue Grass, VOR-A, Amdt 9A
New Orleans, LA, Lakefront, ILS OR LOC RWY 18R, Orig
New Orleans, LA, Lakefront, RNAV (GPS) RWY 18R, Amdt 1
New Orleans, LA, Lakefront, VOR RWY 18R, Amdt 4A, CANCELLED
Bangor, ME, Bangor Intl, Takeoff Minimums and Obstacle DP, Amdt 1
Ludington, MI, Mason County, RNAV (GPS) RWY 8, Orig
Ludington, MI, Mason County, RNAV (GPS) RWY 26, Orig
Ludington, MI, Mason County, GPS RWY 26, Orig-A, CANCELLED
Romeo, MI, Romeo State, Takeoff Minimums and Obstacle DP, Amdt 4
International Falls, MN, Falls Intl, ILS OR LOC/DME RWY 13, Amdt 1
International Falls, MN, Falls Intl, RNAV (GPS) RWY 13, ORIG
International Falls, MN, Falls Intl, RNAV (GPS) RWY 31, ORIG
International Falls, MN, Falls Intl, NDB RWY 31, Amdt 9
International Falls, MN, Falls Intl, VOR RWY 13, Amdt 14
International Falls, MN, Falls Intl, Takeoff Minimums and Obstacle DP, Amdt 3
Minneapolis, MN, Minneapolis-St Paul Intl/Wold-Chamberlain, ILS OR
LOC RWY 30R, Amdt 12
Minneapolis, MN, Minneapolis-St Paul Intl/Wold-Chamberlain, COPTER ILS OR
LOC RWY 30R, CANCELLED
Warroad, MN, Warroad Intl Memorial, RNAV (GPS) RWY 13, Orig
Warroad, MN, Warroad Intl Memorial, RNAV (GPS) RWY 31, Orig
Warroad, MN, Warroad Intl Memorial, NDB RWY 31, Amdt 2
Warroad, MN, Warroad Intl Memorial, Takeoff Minimums and Obstacle DP, Orig
Columbia, MS, Columbia-Marion County, RNAV (GPS) RWY 23, Orig
Columbia, MS, Columbia-Marion County, VOR/DME OR GPS RWY 23,
Amdt 4A, CANCELLED
Fulton, MO, Elton Hensley Memorial, RNAV (GPS) RWY 5, Orig
Fulton, MO, Elton Hensley Memorial, RNAV (GPS) RWY 23, Orig
Fulton, MO, Elton Hensley Memorial, VOR/DME RNAV OR GPS RWY 5,
Amdt 1, CANCELLED
Fulton, MO, Elton Hensley Memorial, Takeoff Minimums and Obstacle DP, Orig
Lamar, MO, Lamar Muni, RNAV (GPS) RWY 3, Orig
Lamar, MO, Lamar Muni, NDB RWY 3, Amdt 1
Lamar, MO, Lamar Muni, Takeoff Minimums and Obstacle DP, Orig
Ozark, MO, Air Park South, VOR OR GPS RWY 17, Amdt 4B, CANCELLED

Charlotte, NC, Charlotte/Douglas Intl, Takeoff Minimums and Obstacle DP, Amdt 3
Concord, NC, Concord Rgnl, Takeoff Minimums and Obstacle DP, Amdt 2
Gastonia, NC, Gastonia Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Fremont, NE, Fremont Muni, VOR RWY 14, Amdt 2
Fremont, NE, Fremont Muni, Takeoff Minimums and Obstacle DP, Amdt 5
Las Cruces, NM, Las Cruces Intl, ILS OR LOC RWY 30, Amdt 2A
Cambridge, OH, Cambridge Muni, LOC/DME RWY 22, Amdt 1
Lancaster, OH, Fairfield County, RNAV (GPS) RWY 10, Orig
Lancaster, OH, Fairfield County, RNAV (GPS) RWY 28, Orig
Lancaster, OH, Fairfield County, VOR/DME RNAV OR GPS RWY 10, Amdt 10A,
CANCELLED
Lancaster, OH, Fairfield County, NDB OR GPS RWY 28, Amdt 8A, CANCELLED
Marion, OH, Marion Muni, RNAV (GPS) RWY 13, Orig
Marion, OH, Marion Muni, NDB OR GPS RWY 13, Amdt 4B, CANCELLED
Wadsworth, OH, Wadsworth Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Youngstown/Warren, OH, Youngstown-Warren Rgnl, ILS OR LOC RWY 14, Amdt 7
Youngstown/Warren, OH, Youngstown-Warren Rgnl, ILS OR LOC RWY 32, Amdt 26
Youngstown/Warren, OH, Youngstown-Warren Rgnl, NDB RWY 32, Amdt 19
Youngstown/Warren, OH, Youngstown-Warren Rgnl, RNAV (GPS) RWY 14, Orig
Youngstown/Warren, OH, Youngstown-Warren Rgnl, RNAV (GPS) RWY 32, Orig
El Reno, OK, El Reno Regional, GPS RWY 35, Orig, CANCELLED
Dubois, PA, Dubois Rgnl, RNAV (GPS) RWY 7, Orig-A,
Dubois, PA, Dubois Rgnl, VOR/DME RWY 7, Amdt 3A
Dubois, PA, Dubois Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Newport, RI, Newport State, RNAV (GPS) RWY 16, Orig
Newport, RI, Newport State, VOR/DME RWY 16, Amdt 1
Rock Hill, SC, Rock Hill/York Co/Bryant Field, Takeoff Minimums and
Obstacle DP, Orig
Memphis, TN, Memphis Intl, Takeoff Minimums and Obstacle DP, Amdt 2
Union City, TN, Everett-Stewart Regional, Takeoff Minimums and Obstacle DP, Orig
Austin, TX, Lakeway Airpark, Takeoff Minimums and Obstacle DP, Amdt 1
Graham, TX, Graham Muni, RNAV (GPS) RWY 3, Orig
Graham, TX, Graham Muni, RNAV (GPS) RWY 21, Orig
Graham, TX, Graham Muni, NDB OR GPS RWY 21, Amdt 2, CANCELLED
Rutland, VT, Rutland State, LOC Y RWY 19, Amdt 2
Rutland, VT, Rutland State, LOC Z RWY 19, Orig
Burlington, WI, Burlington Muni, RNAV (GPS) RWY 29, Orig
Burlington, WI, Burlington Muni, VOR RWY 29, Amdt 8

The FAA published an Amendment in Docket No. 30591 , Amdt No. 3254 to Part 97 of the Federal Aviation Regulations (Vol 73, FR No. 27 , Page 7462 dated Friday, February 08, 2008) under section 97.33, effective March 13, 2008 which is hereby rescinded:

Las Cruces, NM, Las Cruces Intl, ILS OR LOC RWY 30, Amdt 2A

U.S. Department of Transportation Federal Aviation Administration		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: HOSUM (DO NOT EXCEED 250 KIAS UNTIL NEBSE) CLIMB TO 13000 DIRECT KUPLE, AND 159.79 TRACK TO ROCOS, AND 114.80 TRACK TO PULIE, AND 051.40 TRACK TO WEBAT, AND 341.46 TRACK TO TEVOC, AND 321.99 TRACK TO NEBSE, AND 264.86 TRACK TO BIH VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 326.00 INBOUND FAS OBST: 4922 AAO 372630N/1182700W CHART: 8959 TERRAIN 371217N/1180625W CHART: BISHOP MOA JAAKE TO RW12: 3.68/48				
RBRTS (IAF) (40E) (43A)	CORUB (TF) (FB) (40E)	115.27/6.49	12700					
CORUB (40E)	HEGIT (TF) (FB) (40E) (41E)	115.32/12.00	9700					
NIKOL (IAF) (40E) (43A)	FAVEK (TF) (FB) (40E)	156.94/18.01	12700					
FAVEK (40E)	HEGIT (TF) (FB) (40E) (41E)	156.97/6.70	9700					
HEGIT (IF) (40E) (43I)	MUBOE (TF) (FB) (40E) (42S)	115.47/3.46	8700					
MUBOE (40E) (42S)	JAAKE (TF) (FB) (40E) (43F)	115.51/2.60	7900	MAG VAR: 15E EPOCH YEAR: 1985				
CONTINUED ON PAGE 2								
1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT HEGIT 3. FAC: 120.40 FAF: JAAKE DIST FAF TO MAP: 8.54 THLD: 9.54 4. MIN. ALT: HEGIT 9700, MUBOE 8700, JAAKE 7900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: _____ 34:1 IS NOT CLEAR 8. MSA FROM: HOSUM 15500				ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: J ROUTE TYPE QUALIFIER 2: S				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	# CAT A, B 2500-2	CAT C 2500-3	
CATEGORY ==>	A		B		C		D	E
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS
LNAV MDA	6600	1 1/4	2477	6600	1 1/2	2477	6600	3
CIRCLING	6600	1 1/4	2476	6600	1 1/2	2476	6600	3
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. # NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME-RNP 0.30 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT CHART PLANVIEW NOTE AT NEBSE: MAX 250 KIAS								
CITY AND STATE				ELEVATION: 4124 TDZE: 4123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:	
BISHOP, CA				AIRPORT NAME:	RNAV	MAR 13 2008 RNAV (GPS) RWY 12, ORIG	AMDT: NONE	
							DATE	



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES (CONT'D)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
JAAKE (FAF) (40E) (43F)	HOSUM (TF) (FO) (40E) (41Y) (43M)	120.40/8.54	
HOSUM (MAP) (40E) (41Y) (43M)	4524 MSL (CA) (42M)	120.40	
4524 MSL (42M)	KUPLE (DF) (FB) (40E)		
KUPLE (40E)	ROCOS (TF) (FB) (40E)	159.79/7.34	
ROCOS (40E)	PULIE (TF) (FB) (40E)	114.80/9.00	
PULIE (40E)	WEBAT (TF) (FB) (40E)	051.40/6.80	
WEBAT (40E)	TEVOC (TF) (FB) (40E)	341.46/5.00	
TEVOC (40E)	NEBSE (TF) (FB) (40E)	321.99/5.20	
NEBSE (40E)	BIH VOR/DME (TF) (FO) (40V) (41E) (43H)	264.86/13.10	13000

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIKOL VIA V381 NORTHWEST BOUND AND V230 NORTHEAST BOUND.

CITY AND STATE	ELEVATION: 4124 TDZE: 4123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BISHOP, CA	AIRPORT NAME: EASTERN SIERRA RGNL	RNAV	MAR 13 2008 RNAV (GPS) Y RWY 12, ORIG	AMDT: NONE
				DATED:

U.S. Department of Transportation Federal Aviation Administration		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33			Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES					MISSED APPROACH												
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: HOSUM (DO NOT EXCEED 250 KIAS UNTIL NEBSE) CLIMB TO 13000 DIRECT KUPLE, AND 159.79 TRACK TO ROCOS, AND 114.80 TRACK TO PULIE, AND 051.40 TRACK TO WEBAT, AND 341.46 TRACK TO TEVOC, AND 321.99 TRACK TO NEBSE, AND 264.86 TRACK TO BIH VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 326.00 INBOUND CHART FAS OBST: 4323 TREE 372429N/1182537W CHART: 8959 TERRAIN 371217N/1180625W CHART: BISHOP MOA JAAKE TO RW12: 3.68/48													
RBRTS (IAF) (40E) (43A)	CORUB (TF) (FB) (40E)	115.27/6.49	12700														
CORUB (40E)	HEGIT (TF) (FB) (40E) (41E)	115.32/12.00	9700														
NIKOL (IAF) (40E) (43A)	FAVEK (TF) (FB) (40E)	156.94/18.01	12700														
FAVEK (40E)	HEGIT (TF) (FB) (40E) (41E)	156.97/6.70	9700														
HEGIT (IF) (40E) (43I)	MUBOE (TF) (FB) (40E) (42S)	115.47/3.46	8700														
MUBOE (40E) (42S)	JAAKE (TF) (FB) (40E) (43F)	115.51/2.60	7900														
CONTINUED ON PAGE 2																	
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT HEGIT 3. FAC: <u>120.40</u> FAF: <u>JAAKE</u> DIST FAF TO MAP: <u>8.54</u> THLD: <u>9.54</u> 4. MIN. ALT: HEGIT 9700, MUBOE 8700, JAAKE 7900, CIMOS/4.00 NM TO HOSUM 6100, FOLMA/1.70 NM TO HOSUM 5200 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u> </u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>HOSUM 15500</u>										ROUTE TYPE: <u>A, R</u> ROUTE TYPE QUALIFIER 1: <u>J</u> ROUTE TYPE QUALIFIER 2: <u>S</u> MAG VAR: <u>15E</u> EPOCH YEAR: <u>1985</u>							
MINIMUMS																	
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	# CAT A, B 2300-2 CAT C 2300-3											
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*	4580	1 1/4	457	4580	1 1/4	457	4580	1 1/4	457		NA						
CIRCLING	6420	1 1/4	2296	6420	1 1/2	2296	6420	3	2296		NA						
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART NOTE: DME/DME-RNP 0.30 NA. CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 325 FEET PER NM TO 11000; IF UNABLE, SEE RNAV (GPS) Y RWY 12. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.										# NA WHEN LOCAL WEATHER NOT AVAILABLE.							
CITY AND STATE										ELEVATION: 4124 TDZE: 4123		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:		SUP:	
BISHOP, CA										AIRPORT NAME:		RNAV		MAR 13 2008 RNAV (GPS) Z RWY 12, ORIG		AMDT: NONE	
										EASTERN SIERRA RGNL						DATE	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33	Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.
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<u>TERMINAL ROUTES (CONT'D)</u>			
<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
JAAKE (FAF) (40E) (43F)	CIMOS/4.00 NM TO HOSUM (TF) (FB) (40E) (42S)	120.40/4.54	
CIMOS (40E) (42S)	FOLMA/1.70 NM TO HOSUM (TF) (FB) (40E) (42S)	120.40/2.30	
FOLMA (40E) (42S)	HOSUM (TF) (FO) (40E) (41Y) (43M)	120.40/1.70	
HOSUM (MAP) (40E) (41Y) (43M)	4524 MSL (CA) (42M)	120.40	
4524 MSL (42M)	KUPLE (DF) (FB) (40E)		
KUPLE (40E)	ROCOS (TF) (FB) (40E)	159.79/7.34	
ROCOS (40E)	PULIE (TF) (FB) (40E)	114.80/9.00	
PULIE (40E)	WEBAT (TF) (FB) (40E)	051.40/6.80	
WEBAT (40E)	TEVOC (TF) (FB) (40E)	341.46/5.00	
TEVOC (40E)	NEBSE (TF) (FB) (40E)	321.99/5.20	
NEBSE (40E)	BIH VOR/DME (TF) (FO) (40V) (41E) (43H)	264.86/13.10	13000
NOTES (CONT'D) CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT CHART PLANVIEW NOTE AT NEBSE: MAX 250 KIAS CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIKOL VIA V381 NORTHWEST BOUND AND V230 NORTHEAST BOUND.			

CITY AND STATE	ELEVATION: 4124 TDZE: 4123	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BISHOP, CA	AIRPORT NAME: EASTERN SIERRA RGNL	RNAV	MAR 13 2008 RNAV (GPS) Z RWY 12, ORIG	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES												MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE						ALTITUDE		ILS: DA LOC: 4.29 MILES AFTER BOGGA LOM/INT CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 110.00 AND TDG R-085 TO KOCEY INT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 137.15 INBOUND. CHART FAS OBST: 729 TREE 333400N/0855250W CHART TDG R-276 AT OKENE. CHART: R-2101, R2102A, B, C							
LINTZ INT/PUZ 42.35 DME (IAF)	CLARC INT	049.45 / 6.19 (I-ANB)						3200									
GOSSE INT/PUZ 47.90 DME (IAF)	CLARC INT	353.82 / 6.35 (TDG R-174)						3200									
OKENE INT/TDG 7.00 DME CCW (IAF)	CLARC INT	7.00 DME ARC (TDG LR-191)						3200									
CLARC INT (IF)	BOGGA LOM/INT	049.45 / 6.83 (I-ANB)						2200									
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT BOGGA LOM 3. FAC: <u>049.45</u> FAF: <u>BOGGA LOM/INT</u> DIST FAF TO MAP: <u>4.29</u> THLD: <u>4.29</u> 4. MIN. ALT: <u>CLARC 3200, BOGGA LOM 2200</u> 5. DIST TO THLD FROM OM: <u>4.29</u> MM: <u>0.40</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>763</u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2018</u> MM: <u>775</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.7</u> 8. MSA FROM: <u>AN LOM 4000</u>																	
												MAG VAR: 1W				EPOCH YEAR: 1990	
MINIMUMS																	
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			ILS: #		LOC: @					
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
S-ILS 5	879	3/4	284	879	3/4	284	879	3/4	284	879	3/4	284					
S-LOC 5	1120	3/4	525	1120	3/4	525	1120	1	525	1120	1 1/4	525					
CIRCLING	1480	1	868	1480	1 1/4	868	1480	2 1/2	868	1480	2 3/4	868					
NOTES: CHART NOTE: CIRCLING NA N OF RWY 5-23. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TALLADEGA ALTIMETER SETTING AND INCREASE DA TO 913 AND INCREASE ALL MDAS 40 FEET, INCREASE CIRCLING CAT A, C, AND D VISIBILITY SEE 8260-10																	
CITY AND STATE		ELEVATION: 612 TDZE: 595				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS RWY 5					
ANNISTON, AL		AIRPORT NAME:				I-ANB		ILS OR LOC RWY 5, AMDT 2				AMDT: 1B					
		ANNISTON METROPOLITAN						APR 10 2008				DATED 01/15/1993					



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

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

NOTES CONT.**1/4 MILE****CHART NOTE: FOR INOP MALSR INCREASE S-LOC-5 CAT A AND B VISIBILITY TO 1****CHART PLANVIEW NOTE: DME REQUIRED FOR GOSSE TRANSITION**

CITY AND STATE

ANNISTON, AL

ELEVATION: 612 TDZE: 595

AIRPORT NAME:

ANNISTON METROPOLITAN

FACILITY
IDENTIFIER:

I-ANB

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 5, AMDT 2

APR 10 2008

SUP: ILS RWY 5

AMDT: 1B

DATED: 01/15/1993



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW05 CLIMB TO 4000 DIRECT FEMKA AND VIA 067.92 TRACK TO JAMUD AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 242.42 INBOUND. CHART FAS OBST: 998 TOWER 333352N/0855453W CHART 680 TREE 333423N/0855234W. DISTANCE TO THLD FROM 323 HAT: 0.89 NM. WAAS CHANNEL # 78106 REFERENCE PATH ID: W05A CHART: R-2101, R-2102A, B, C CHART VDP AT 2.47 MILES TO RW05**LNAV ONLY													
HEFIN	GADEY (FB)	247.31 / 30.00	4000														
OKENE (IAF)	CLARC (NOPT) (FB)	137.74 / 10.88	3200														
GADEY (IAF)	CLARC (NOPT) (FB)	319.41 / 5.00	3200														
LINTZ (IAF)	CLARC (NOPT) (FB)	049.31 / 6.19	3200														
CLARC (IF/IAF)	COLOB (FB)	049.36 / 6.27	2200														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW CLARC, RT, 049.36 INBOUND, 3200 FT. IN LIEU OF PT (IF/IAF) 3. FAC: 049.41 FAF: COLOB _____ DIST FAF TO MAP: 4.85 THLD: 4.85 4. MIN. ALT: CLARC 3200, COLOB 2200 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 39.7 34:1 IS CLEAR 8. MSA FROM: RW05 4000										MAG VAR: 1W		EPOCH YEAR: 1990					
MINIMUMS																	
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		@								
CATEGORY ==>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	918	3/4	323	918	3/4	323	918	3/4	323	918	3/4	323					
LNAV MDA	1420	3/4	825	1420	3/4	825	1420	2	825	1420	2 1/4	825					
CIRCLING	1480	1	868	1480	1 1/4	868	1480	2 1/2	868	1480	2 3/4	868					
NOTES: CHART NOTE: CIRCLING NA NORTH OF RWY 5/23. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TALLADEGA ALTIMETER SETTING AND INCREASE ALL DAS 34 FEET AND ALL MDAS 40 FEET AND INCREASE CIRCLING CAT A, C, AND D VISIBILITY SEE 8260-10																	
CITY AND STATE ANNISTON, AL				ELEVATION: 612 TDZE: 595 AIRPORT NAME: ANNISTON METROPOLITAN				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG APR 10 2008				SUP:	
																AMDT: NONE	
																DATED	

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

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

NOTES CONT.**1/4 MILE.****CHART PLANVIEW: PROCEDURE NA FOR ARRIVAL AT HEFIN VIA V18 EASTBOUND, VIA V415 NORTHEAST BOUND AND VIA V321 SOUTHEAST BOUND. PROCEDURE NA FOR ARRIVAL AT OKENE VIA V18 WESTBOUND.****CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY ALL CATS TO 1 1/4, INCREASE LNAV CAT A VISIBILITY TO 1 MILE.**

CITY AND STATE

ANNISTON, AL

ELEVATION: 612 TDZE: 595

AIRPORT NAME:

ANNISTON METROPOLITAN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KANB
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	333454.4400N
LTP/FTP LONGITUDE	0855200.1800W
LTP/FTP ELLIPSOIDAL HEIGHT	+01526
FPAP LATITUDE	333540.3700N
FPAP LONGITUDE	0855058.2400W
THRESHOLD CROSSING HEIGHT (TCH)	00039.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

74173A49

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01813
FPAP ORTHOMETRIC HEIGHT	+01813

CITY AND STATE

ANNISTON, AL

ELEVATION: 612 TDZE: 595

AIRPORT NAME:

ANNISTON METROPOLITAN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



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

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KANBK7FR05	ACLARC	010CLARCK7EA0EE	CR	HF		04940040	+	03200	18000		A	JS	
SUSAP	KANBK7FR05	AHEFIN	010HEFINK7EA0E		IF					18000		A	JS	
SUSAP	KANBK7FR05	AHEFIN	020GADEYK7EA0E	A	020TF		24730300	+	04000			A	JS	
SUSAP	KANBK7FR05	AHEFIN	030CLARCK7EA0EE		010TF		31940050	+	03200			A	JS	
SUSAP	KANBK7FR05	ALINTZ	010LINTZK7EA0E	A	IF					18000		A	JS	
SUSAP	KANBK7FR05	ALINTZ	020CLARCK7EA0EE		010TF		04930062	+	03200			A	JS	
SUSAP	KANBK7FR05	AOKENE	010OKENEK7EA0E	A	IF					18000		A	JS	
SUSAP	KANBK7FR05	AOKENE	020CLARCK7EA0EE		010TF		13770109	+	03200			A	JS	
SUSAP	KANBK7FR05	R	010CLARCK7EA0E	I	IF			+	03200	18000		A	JS	
SUSAP	KANBK7FR05	R	020COLOBK7EA1E	F	051TF		04940063	+	02200		RW05	K7PGA	JS	
SUSAP	KANBK7FR05	R	020COLOBK7EA2WALPV			N	ALNAV						JS	
SUSAP	KANBK7FR05	R	030RW05	K7PG0GY	M	031TF	04940049		00635		-300		A	JS
SUSAP	KANBK7FR05	R	040FEMKAK7EA0E	M	010DF								A	JS
SUSAP	KANBK7FR05	R	050JAMUDK7EA0EY		010TF		0679	+	04000				A	JS
SUSAP	KANBK7FR05	R	060JAMUDK7EA0EE		HR020HM		24240050	+	04000				A	JS

[illegible]

CITY AND STATE ANNISTON, AL	ELEVATION: 612 TDZE: 595 AIRPORT NAME: ANNISTON METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:



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

[illegible]

SUP:	
AMDT:	NONE
DATED:	



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLARC	CLARC	010		HF	R	FB		049.4 (048T)	004.0	03200
	HEFIN	HEFIN	010		IF		FB				
	HEFIN	GADEY	020	IAF	TF		FB	2.0	247.3 (246T)	030.0	04000
	HEFIN	CLARC	030		TF		FB	1.0	319.4 (318T)	005.0	03200
	LINTZ	LINTZ	010	IAF	IF		FB				
	LINTZ	CLARC	020		TF		FB	1.0	049.3 (048T)	006.2	03200
	OKENE	OKENE	010	IAF	IF		FB				
	OKENE	CLARC	020		TF		FB	1.0	137.7 (137T)	010.9	03200
		CLARC	010	FACF	IF		FB				03200
		COLOB	020	FAF	TF		FB	0.5	049.4 (048T)	006.3	02200
		RW05	030	MAP	TF		FO	0.3	049.4 (048T)	004.9	00635

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FEMKA	040		DF		FB	1.0			
	JAMUD	050		TF		FO	1.0	067.9 (067T)		04000
	JAMUD	060		HM	R	FO	2.0	242.4 (241T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLARC	N332730.68	W0860157.00	N3327.511	W08601.950
	COLOB	N333140.96	W0855620.74	N3331.683	W08556.346
	FEMKA	N333813.71	W0854731.27	N3338.229	W08547.521
	GADEY	N332346.03	W0855759.10	N3323.767	W08557.985
	HEFIN	N333554.73	W0852510.50	N3335.912	W08525.175
	JAMUD	N334214.60	W0853613.60	N3342.243	W08536.227
	LINTZ	N332323.39	W0860728.38	N3323.390	W08607.473
	OKENE	N333527.28	W0861051.81	N3335.455	W08610.864
	RW05	N333454.44	W0855200.18	N3334.907	W08552.003

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00595	40

CITY AND STATE

ANNISTON, AL

ELEVATION: 612 TDZE: 595

AIRPORT NAME:

ANNISTON METROPOLITAN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES								MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LNAV: NAYRI CLIMB TO 3200 DIRECT HANEN AND VIA 225.88 TRACK TO CLARC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 049.36 INBOUND. CHART FAS OBST: 1380 TREE 333816N/0854844W FAS OBST: 1939 AAO 333957N/0854553W MAMPE TO RW 23: 3.03/40 CHART: R2101, R2102A, B, C FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.							
MAYES		KAPSE (FB)		145.03 / 14.42		4100									
LAYIN (IAF)		JAMUD (NOPT) (FB)		337.84 / 7.17		4000									
KAPSE (IAF)		JAMUD (NOPT) (FB)		152.39 / 5.00		4000									
JAMUD (IF/IAF)		INAME (FB)		242.42 / 6.58		3000									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE JAMUD, RT, 242.42 INBOUND, 4000 FT. IN LIEU OF PT (IF/IAF) 3. FAC: 244.47 FAF: INAME _____ DIST FAF TO MAP: 6.89 THLD: 7.37 4. MIN. ALT: JAMUD 4000, INAME 3000, MAMPE/3.90 NM TO NAYRI 2060 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW23 4000								MAG VAR: 1W EPOCH YEAR: 1990							
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA				Ⓢ							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1700	1 1/4	1088	1700	1 1/2	1088	1700	3	1088	1700	3	1088			
CIRCLING	1700	1 1/4	1088	1700	1 1/2	1088	1700	3	1088	1700	3	1088			
NOTES: CHART NOTE: CIRCLING NA N OF RWY 5-23. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TALLADEGA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET															
CITY AND STATE				ELEVATION: 612 TDZE: 612		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
ANNISTON, AL				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23, ORIG				AMDT: NONE			
				ANNISTON METROPOLITAN				APR 10 2008				DATED			

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KANBK7FR23	AJAMUD	010JAMUDK7EA0EE	CR	HF		24240050	+	04000	18000		A JS	I
SUSAP	KANBK7FR23	ALAYIN	010LAYINK7EA0E	A	IF					18000		A JS	I
SUSAP	KANBK7FR23	ALAYIN	020JAMUDK7EA0EE		010TF		33780072	+	04000			A JS	I
SUSAP	KANBK7FR23	AMAYES	010MAYESK7EA0E		IF					18000		A JS	I
SUSAP	KANBK7FR23	AMAYES	020KAPSEK7EA0E	A	020TF		14500144	+	04100			A JS	I
SUSAP	KANBK7FR23	AMAYES	030JAMUDK7EA0EE		010TF		15240050	+	04000			A JS	I
SUSAP	KANBK7FR23	R	010JAMUDK7EA0E	I	IF			+	04000	18000		A JS	I
SUSAP	KANBK7FR23	R	020INAMEK7EA1E	F	051TF		24240066	+	03000		NAYRI K7EAA	JS	I
SUSAP	KANBK7FR23	R	020INAMEK7EA2WN			N	ALNAV					JS	I
SUSAP	KANBK7FR23	R	021MAMPEK7EA0E	S	031TF		24450030	V	0206002063		-300	A JS	I
SUSAP	KANBK7FR23	R	030NAYRIK7EA0EY	M	031TF		24450039		00652		-300	A JS	I
SUSAP	KANBK7FR23	R	040HANENK7EA0E	M	010DF							A JS	I
SUSAP	KANBK7FR23	R	050CLARCK7EA0EY		010TF		2259	+	03200			A JS	I
SUSAP	KANBK7FR23	R	060CLARCK7EA0EE		HR020HM		04940040	+	03200			A JS	I

[illegible]

CITY AND STATE ANNISTON, AL	ELEVATION: 612 TDZE: 612 AIRPORT NAME: ANNISTON METROPOLITAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JAMUD	JAMUD	010		HF	R	FB		242.4 (241T)	005.0	04000
	LAYIN	LAYIN	010	IAF	IF		FB				
	LAYIN	JAMUD	020		TF		FB	1.0	337.8 (337T)	007.2	04000
	MAYES	MAYES	010		IF		FB				
	MAYES	KAPSE	020	IAF	TF		FB	2.0	145.0 (144T)	014.4	04100
	MAYES	JAMUD	030		TF		FB	1.0	152.4 (151T)	005.0	04000
		JAMUD	010	FACF	IF		FB				04000
		INAME	020	FAF	TF		FB	0.5	242.4 (241T)	006.6	03000
		MAMPE	021	SDF	TF		FB	0.3	244.5 (244T)	003.0	02060
		NAYRI	030	MAP	TF		FO	0.3	244.5 (244T)	003.9	00652

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HANEN	040		DF		FB	1.0			
	CLARC	050		TF		FO	1.0	225.9 (225T)		03200
	CLARC	060		HM	R	FO	2.0	049.4 (048T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLARC	N332730.68	W0860157.00	N3327.511	W08601.950
	HANEN	N333452.73	W0855312.23	N3334.879	W08553.204
	INAME	N333905.30	W0854308.76	N3339.088	W08543.146
	JAMUD	N334214.60	W0853613.60	N3342.243	W08536.227
	KAPSE	N334638.49	W0853905.77	N3346.642	W08539.096
	LAYIN	N333538.39	W0853250.84	N3335.640	W08532.847
	MAMPE	N333744.95	W0854621.11	N3337.749	W08546.352
	MAYES	N335820.32	W0854915.34	N3358.339	W08549.256
	NAYRI	N333600.05	W0855031.69	N3336.001	W08550.528
	RW23	N333540.37	W0855058.24	N3335.673	W08550.971

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00612	40

CITY AND STATE
ANNISTON, AL

ELEVATION: 612 TDZE: 612
 AIRPORT NAME:
 ANNISTON METROPOLITAN

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG

APR 10 2008

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM		TO			COURSE AND DISTANCE					ALTITUDE		MAP: 4.29 MILES AFTER BOGGA LOM/INT CLIMBING RIGHT TURN TO 5000 VIA HEADING 110.00 AND VIA TDG VOR/DME R-085 TO KOCEY INT/18.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 137.15 INBOUND. CHART FAS OBST: 1039 TREE 333600N/0855324W CHART 4000 PRIOR TO BOGGA LOM IN PROFILE. CHART: R-2101, R-2102A, B, C BOGGA LOM TO RW05: 3.44/40									
TDG VOR/DME		BOGGA LOM/INT			111.51 / 6.12					4000											
GOSSE INT (IAF)		CLARC INT (NOPT)			353.82 / 6.35 (TDG R-174)					3200											
LINTZ INT (IAF)		CLARC INT (NOPT)			049.36 / 6.19					3200											
CLARC INT (IF)		BOGGA LOM/INT			049.36 / 6.83					2200											
1. PT <u>R</u> SIDE OF COURSE <u>229.50</u> OUTBOUND <u>4000</u> FT WITHIN <u>10</u> MILES OF <u>BOGGA LOM</u> (IAF) 2. _____ 3. FAC <u>049.50</u> FAF <u>BOGGA LOM/INT</u> DIST FAF TO MAP <u>4.29</u> THLD <u>4.29</u> 4. MIN. ALT <u>BOGGA LOM 2200</u> 8. MSA FROM: <u>AN LOM 4000</u>										MAG VAR: 1W EPOCH YEAR: 1990											
MINIMUMS																					
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: NA				@	
CATEGORY =====>		A			B			C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA						
S-5	1600	3/4	1005	1600	1	1005	1600	2 1/2	1005	1600	2 3/4	1005									
CIRCLING	1600	1 1/4	988	1600	1 1/2	988	1600	3	988	1600	3	988									
NOTES: CHART NOTE: CIRCLING NA NORTH OF RWY 5/23. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TALLADEGA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-5 CAT A VISIBILITY TO 1 1/4 AND CAT B TO 1 1/2 MILE.																					
CITY AND STATE				ELEVATION: 612 TDZE: 595				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP NDB OR GPS RWY							
ANNISTON, AL				AIRPORT NAME:				ANB		NDB RWY 5, AMDT 3				5							
				ANNISTON METROPOLITAN						APR 10 2008				AMDT 2							
														DATE 01/18/2000							

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 23 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

**RWY 5, CLIMBING RIGHT TURN TO INTERCEPT TALLADEGA VOR/DME R-085 OUTBOUND CLIMB TO 3000 BEFORE PROCEEDING ON COURSE.
RWY 23, CLIMB HEADING 229.46 TO 1300 THEN TURN RIGHT DIRECT TDG VOR/DME.**

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREE 1147' FROM DER, 730' LEFT OF CENTERLINE, 77' AGL/689 MSL. SIGN 2269' FROM DER, 903 LEFT OF CENTERLINE, 100' AGL/712' MSL. BUSH 493' FROM DER, 385' LEFT OF CENTERLINE, 33' AGL/645' MSL. RAILROAD 197' FROM DER, 435' LEFT OF CENTERLINE, 25' AGL/637' MSL. TREE 1965' FROM DER, 275' LEFT OF CENTERLINE, 69' AGL/681' MSL. POLE 506' FROM DER, 549 RIGHT OF CENTERLINE, 24' AGL/636' MSL.

NOTE: RWY 23, TREE 4545' FROM DER, 1238' LEFT OF CENTERLINE, 717' MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 2107 MSL AAO 333957.00N-0854554.00W

RWY 23: 998 MSL TOWER 333352.00N-0855453.00W, 2983 MSL TOWER 332906.00N-0854832.00W

(5) City, State

ANNISTON, AL

(6) Airport

ANNISTON METROPOLITAN

(7) Effective Date

APR 10 2008

(8) Amdt. No.

6

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.78 MILES AFTER USERY/INT/I-ODA 6.35 DME OR AT I-ODA 1.57 DME FIX CLIMB TO 3000 VIA HEADING 135.93 AND VIA RRS VORTAC R-126 TO RADME INT/RRS 20.16 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 280.00 AND OZR VOR/DME R-092 TO OZR VOR/DME AND HOLD SW, LT, 051.00 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 306.35 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW OZR VOR/DME, LT, 051.00 INBOUND. CHART FAS OBST: 450 TREE 312132N/0852910W CHART VDP AT 2.41 DME; DISTANCE VDP TO THLD 0.84 MILES. CHART IN PLANVIEW: OZR VOR/DME. CHART (JACTA) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. CHART: R-2103 A&B. CHART OZR VOR/DME 12.42 DME AT USERY				
RRS VORTAC	USERY INT/I-ODA 6.35 DME	319.15 / 7.89	2000					
OZR VOR/DME	USERY INT/I-ODA 6.35 DME	053.27 / 12.42	2000					
SKIPO INT (IAF)	UFAXU INT/I-ODA 12.57 DME (NOPT)	221.00 / 4.78 (HDG) & 135.93 / 2.42 (I-ODA)	2000					
UFAXU INT/I-ODA 12.57 DME (IF)	USERY INT/I-ODA 6.35 DME	135.93 / 6.22 (I-ODA)	2000					
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW USERY, LT, 135.93 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 135.93 FAF: USERY INT/I-ODA 6.35 DME DIST FAF TO MAP: 4.78 THLD: 4.78 4. MIN. ALT: USERY 2000 5. DIST TO THLD FROM OM: 4.78 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1050 6. MIN GS INCPT: 2000 GS ALT AT: GS INTCP 2000 OM: - MM: - IM: - 7. GS ANGLE: 3.00 TCH: 55.5 8. MSA FROM: RRS VORTAC 360-180 2600, 180-360 3100				MAG VAR: 1W EPOCH YEAR: 1985				
MINIMUMS								
TAKEOFF: ☐	STANDARD ☒	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #	LOC: STANDARD @		
CATEGORY =====	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 14	600	3/4	200	600	3/4	200	600	3/4
S-LOC 14	700	1	300	700	1	300	700	1
CIRCLING	860	1	460	860	1	460	980	2
NOTES: CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS ALTIMETER SETTING AND INCREASE DA TO 646, ALL MDAS 60 FEET, AND S-LOC 14 VISIBILITY CAT D 1/4 MILE. SEE 8260-10								
CITY AND STATE DOTHAN, AL		ELEVATION: 400 TDZE: 400 AIRPORT NAME: DOTHAN REGIONAL		FACILITY IDENTIFIER: I-ODA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 14, ORIG APR 10 2008		SUP:	
							AMDT: NONE	
							DATED	

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART NOTE: VDP NA WHEN USING CAIRNS ALTIMETER SETTING.

CHART PLANVIEW NOTE: INTENSE STUDENT HELICOPTER PILOT TRAINING IN REGION.

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

CITY AND STATE

DOTHAN, AL

ELEVATION: 400 TDZE: 400

AIRPORT NAME:

DOTHAN REGIONAL

FACILITY
IDENTIFIER:

I-ODA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 14, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 14, 32, 18, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREE 1758' FROM DER, 886' RIGHT OF CENTERLINE, 79' AGL/270' MSL. TREE 1987' FROM DER, 856' LEFT OF CENTERLINE, 73' AGL/277' MSL. TREE 2102' FROM DER, 861' RIGHT OF CENTERLINE, 78' AGL/269' MSL. TREE 2131' FROM DER, LEFT OF CENTERLINE, 76' AGL/280' MSL. NOTE: RWY 18, MULTIPLE TREES BEGINNING 1597' FROM DER, 15' LEFT OF CENTERLINE, UP TO 69' AGL/273' MSL. MULTIPLE TREES BEGINNING 1671' FROM DER, 207' RIGHT OF CENTERLINE, UP TO 87' AGL/278' MSL. NOTE: RWY 36, MULTIPLE TREES BEGINNING 1083' FROM DER, 210' RIGHT OF CENTERLINE, UP TO 84' AGL/301' MSL. MULTIPLE TREES BEGINNING 532' FROM DER, 43' LEFT OF CENTERLINE, UP TO 73' AGL/287' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MOBILE, AL

(6) Airport

MOBILE REGIONAL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1

QUALITY
CHECKED

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: MAVUE								
BGQ VORTAC	OWGAT (FB)	083.54 / 12.95	4000	CLIMBING LEFT TURN TO 4500 DIRECT OWGAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4500.								
OWGAT (IAF)	KIYAV (FB)	083.02 / 4.11	2500									
KIYAV (IF)	ZUYEB (FB)	051.83 / 6.00	1900									
				ADDITIONAL FLIGHT DATA: HOLD W, LT, 083.02 INBOUND. CHART FAS OBST: 309 TREE 613446N/1490524W FAC CROSSES RWY 34 THLD.								
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT KIYAV 3. FAC: <u>022.75</u> FAF: <u>ZUYEB</u> DIST FAF TO MAP: <u>4.10</u> THLD: <u> </u> 4. MIN. ALT: <u>KIYAV 2500, ZUYEB 1900</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u> </u> 8. MSA FROM: <u>MAVUE 10000</u>												
				MAG VAR: 20E EPOCH YEAR: 2010								
MINIMUMS												
TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☐	STANDARD @								
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	860	1	618	860	1	618	920	2	678	920	2 1/4	678
NOTES: CHART NOTE: CIRCLING NA NE OF RWY 16-27. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC VIA V456 SOUTHWEST BOUND. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING AND INCREASE ALL MDA'S 60 FEET.												
CITY AND STATE		ELEVATION: 242 TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
PALMER, AK		AIRPORT NAME:		RNAV		RNAV (GPS)-A, ORIG			AMDT: NONE			
		PALMER MUNI				APR 10 2008			DATED			

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

SCANP PAAQPASMAVUEPAEA

0 18018010025

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CITY AND STATE

PALMER, AK

ELEVATION: 242 TDZE:

AIRPORT NAME:

PALMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-A, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BGQ	BGQ	010		IF		FB				
	BGQ	OWGAT	020		TF		FB	2.0	083.5(104T)	013.0	04000
	BGQ	KIYAV	030		TF		FB	1.0	083.0(103T)	004.1	02500
		KIYAV	010	FACF	IF		FB				02500
		ZUYEB	020	FAF	TF		FB	0.5	051.8(072T)	006.0	01900
		MAVUE	030	MAP	TF		FO	0.3	022.8(043T)	004.1	00376

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OWGAT	040		DF	L	FO	1.0			04500
	OWGAT	050		HM	L	FO	2.0	083.0(103T)	004.0	04500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BGQ	N613410.04	W1495801.72	N6134.167	W14958.029
	KIYAV	N613010.57	W1492324.05	N6130.176	W14923.401
	MAVUE	N613502.03	W1490540.22	N6135.034	W14905.670
	OWGAT	N613106.19	W1493145.03	N6131.103	W14931.751
	ZUYEB	N613202.02	W1491129.58	N6132.034	W14911.493
	RW34	N613515.19	W1490514.62	N6135.253	W14905.244

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE
PALMER, AK

ELEVATION: 242 TDZE:
AIRPORT NAME:
PALMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS)-A, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BGQ VORTAC	INICE (FB)	055.56 / 6.50	3400	LNAV: MAPAE CLIMBING RIGHT TURN TO 3400 DIRECT INICE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 055.74 INBOUND. CHART FAS OBST: 559 TREE 613656N/1490949W 799 AAO 613902N/1491701W FAPUN TO RW09: 3.06/30
INICE (IAF)	LEYIT (FB)	055.74 / 7.00	3300	
LEYIT (IF)	FAPUN (FB)	063.22 / 6.00	2300	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT LEYIT
- FAC: 093.13 FAF: FAPUN DIST FAF TO MAP: 5.81 THLD: 6.30
- MIN. ALT: LEYIT 3300, FAPUN 2300, RIGAE/2.01 NM TO MAPAE 1060
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: MAPAE 10000

MAG VAR: 20E EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N/A	STANDARD @				
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	820	1	593	820	1	593	820	1 1/2	593	820	1 3/4	593			
CIRCLING	860	1	618	860	1	618	920	2	678	920	2 1/4	678			

NOTES:
 CHART NOTE: CIRCLING NA NE OF RWY 16-27.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BGQ VORTAC VIA V438 SOUTHBOUND AND V456
 SEE 8260-10

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

CITY AND STATE PALMER, AK	ELEVATION: 242 TDZE: 227 AIRPORT NAME: PALMER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG APR 10 2008	SUP: AMDT: NONE 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.**SOUTHWEST BOUND.**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING AND INCREASE ALL MDA'S 60 FEET AND ALL VISIBILITIES 1/4 MILE.

CITY AND STATE

PALMER, AK

ELEVATION: 242 TDZE: 227

AIRPORT NAME:

PALMER MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



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

[illegible]

SUP:	
AMDT:	NONE
DATED:	12/4

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

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

MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SCANP PAAQPASMAPAEPAEA

0 18018010025

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CITY AND STATE
PALMER, AK

ELEVATION: 242 TDZE: 227
AIRPORT NAME:
PALMER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED: (6 A)

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BGQ	BGQ	010		IF		FB				
	BGQ	INICE	020	IAF	TF		FB	2.0	055.6 (076T)	006.5	03400
	BGQ	LEYIT	030		TF		FB	1.0	055.7 (076T)	007.0	03300
		LEYIT	010	FACF	IF		FB				03300
		FAPUN	020	FAF	TF		FB	0.5	063.2 (083T)	006.0	02300
		RIGAE	021	SDF	TF		FO	0.3	093.1 (113T)	003.8	01060
		MAPAE	030	MAP	TF		FO	0.3	093.2 (113T)	002.0	00415

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	INICE	040		DF	R	FO	1.0			03400
	INICE	050		HM	R	FO	2.0	055.7 (076T)	004.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BGQ	N613410.04	W1495801.72	N6134.167	W14958.029
	FAPUN	N613810.57	W1491809.85	N6138.176	W14918.164
	INICE	N613546.33	W1494451.82	N6135.772	W14944.864
	LEYIT	N613728.74	W1493039.04	N6137.479	W14930.651
	MAPAE	N613553.65	W1490659.27	N6135.894	W14906.988
	RIGAE	N613641.06	W1491050.79	N6136.684	W14910.847
	RW09	N613541.96	W1490602.32	N6135.699	W14906.039

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00225	30

CITY AND STATE
PALMER, AK

ELEVATION: 242 TDZE: 227
 AIRPORT NAME:
PALMER MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
APR 10 2008

SUP:
 AMDT: **NONE**
 DATED: **APR 10 2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS RNAV STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES					MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:								
				ADDITIONAL FLIGHT DATA:								
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. _____ 3. FAC FAF DIST FAF TO MAP THLD 4. MIN. ALT 8. MSA FROM:				MAG VAR: EPOCH YEAR:								
MINIMUMS												
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A						
CATEGORY ==>	A		B		C			D		E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
NOTES:												
APR 10 2008 "PROCEDURE CANCELLED EFFECTIVE _____"												
CITY AND STATE		ELEVATION: 248 TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP		
PALMER, AK		AIRPORT NAME: PALMER MUNI		GPS		9 SEP 99 GPS -A, ORIGINAL				AMDT NONE		
										DATE		

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 9, NA - OBSTACLES

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 34, 16, 27 - USE PALMER RNAV DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

PALMER, AK

(6) Airport

PALMER MUNI

(7) Effective Date
APR 10 2008

(8) Amdt. No.
2



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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: TANPE											
RECOR (IAF)	RITUE (NOPT) (FB)	309.88 / 5.00	3200	CLIMBING LEFT TURN TO 3200 DIRECT RITUE AND HOLD.											
IGETE (IAF)	RITUE (NOPT) (FB)	129.70 / 5.00	3200												
RITUE (IF/IAF)	EGACU (FB)	039.79 / 7.08	2200												
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 629 TREE 670013N/1462627W EYIRA TO RW04: 3.04/40 CHART: FORT YUKON AWOS-3, 125.800.											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW RITUE, RT, 039.79 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 040.03 FAF: EGACU DIST FAF TO MAP: 4.72 THLD: 4.92 4. MIN. ALT: RITUE 3200, EGACU 2200 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 22E		EPOCH YEAR: 2010					
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1020	1	448	1020	1	448		NA			NA				
CIRCLING	1120	1	546	1120	1	546		NA			NA				
NOTES: CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: USE FORT YUKON ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NA. CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE		ELEVATION: 574 TDZE: 572		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
VENETIE, AK		AIRPORT NAME: VENETIE		RNAV		RNAV (GPS) RWY 4, ORIG APR 10 2008				AMDT: NONE					
										DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	310/30 CW 040/30	RITUE (IF/IAF) (FO)	5700
	040/20 CW 130/20	RITUE (IF/IAF) (FO)	5700
2.	040/30 CW 130/30	040/20 CW 130/20	7900
3.	130/30 CW 220/30	130/10 CW 220/10	7900
4.	130/10 CW 220/10	IGETE (IAF) (FB)	5700
5.	220/30 CW 310/30	RECOR (IAF) (FB)	3300

CITY AND STATE

VENETIE, AK

ELEVATION: 574 TDZE: 572

AIRPORT NAME:

VENETIE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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

CITY AND STATE VENETIE, AK	ELEVATION: 574 TDZE: 572 AIRPORT NAME: VENETIE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IGETE	IGETE	010	IAF	IF		FB				
	IGETE	RITUE	020		TF		FB	1.0	129.7 (152T)	005.0	03200
	RECOR	RECOR	010	IAF	IF		FB				
	RECOR	RITUE	020		TF		FB	1.0	309.9 (332T)	005.0	03200
	RITUE	RITUE	010		HF	R	FB		039.8 (062T)	004.0	03200
		RITUE	010	FACF	IF		FB				03200
		EGACU	020	FAF	TF		FB	0.5	039.8 (062T)	007.1	02200
		TANPE	030	MAP	TF		FO	0.3	040.0 (062T)	004.7	00675

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RITUE	040		DF	L	FO	1.0			03200
	RITUE	050		HM	R	FO	2.0	039.8 (062T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EGACU	N665804.44	W1463347.95	N6658.074	W14633.799
	IGETE	N665908.47	W1465541.13	N6659.141	W14655.686
	RECOR	N665021.64	W1464341.20	N6650.361	W14643.687
	RITUE	N665445.17	W1464940.09	N6654.753	W14649.668
	TANPE	N670016.54	W1462310.12	N6700.276	W14623.169
	RW04	N670022.05	W1462243.41	N6700.368	W14622.724

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00571	40

CITY AND STATE
VENETIE, AK

ELEVATION: 574 TDZE: 572
AIRPORT NAME:
VENETIE

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: TODCO											
RAPOC (IAF)	RUSKE (NOPT) (FB)	130.51 / 5.00	3100	CLIMBING LEFT TURN 3100 DIRECT RUSKE AND HOLD.											
IBECA (IAF)	RUSKE (NOPT) (FB)	310.69 / 5.00	3100												
RUSKE (IF/IAF)	ETIGE (FB)	220.60 / 6.08	2200												
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 629 TREE 670053N/1462108W ETIGE TO RW22: 3.04/40. CHART: FORT YUKON AWOS-3, 125.800.											
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE RUSKE, RT, 220.60 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>220.39</u> FAF: <u>ETIGE</u> DIST FAF TO MAP: <u>4.72</u> THLD: <u>4.92</u> 4. MIN. ALT: <u>RUSKE 3100, ETIGE 2200</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS CLEAR 8. MSA FROM: <u> </u>								MAG VAR: 22E		EPOCH YEAR: 2010					
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1020	1	446	1020	1	446		NA			NA				
CIRCLING	1120	1	546	1120	1	546		NA			NA				
NOTES: CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: USE FORT YUKON ALTIMETER SETTING; WHEN NOT RECEIVED PROCEDURE NA. CHART NOTE: DME/DME RNP-0.3 NA.															
CITY AND STATE				ELEVATION: 574 TDZE: 574		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
VENETIE, AK				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 22, ORIG				AMDT: NONE			
				VENETIE				APR 10 2008				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.

TAA

	FROM	TO	ALT
1.	131/30 CW 311/30	RUSKE (IF/IAF) (FO)	5600
2.	311/30 CW 041/30	IBECA (IAF) (FB)	3300
3.	041/30 CW 131/30	041/15 CW 131/15	7700
4.	041/15 CW 131/15	RAPOC (IAF) (FB)	5200

CITY AND STATE

VENETIE, AK

ELEVATION: 574 TDZE: 574

AIRPORT NAME:

VENETIE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	IBECA	IBECA	010	IAF	IF		FB				
	IBECA	RUSKE	020		TF		FB	1.0	310.7 (333T)	005.0	03100
	RAPOC	RAPOC	010	IAF	IF		FB				
	RAPOC	RUSKE	020		TF		FB	1.0	130.5 (153T)	005.0	03100
	RUSKE	RUSKE	010		HF	R	FB		220.6 (243T)	004.0	03100
		RUSKE	010	FACF	IF		FB				03100
		ETIGE	020	FAF	TF		FB	0.5	220.6 (243T)	006.1	02200
		TODCO	030	MAP	TF		FO	0.3	220.4 (242T)	004.7	00677

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RUSKE	040		DF	L	FO	1.0			03100
	RUSKE	050		HM	R	FO	2.0	220.4 (242T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ETIGE	N670256.97	W1461008.29	N6702.950	W14610.138
	IBECA	N670119.47	W1455028.90	N6701.325	W14550.482
	RAPOC	N671010.23	W1460215.09	N6710.171	W14602.252
	RUSKE	N670544.96	W1455620.92	N6705.749	W14556.349
	TODCO	N670045.90	W1462047.63	N6700.765	W14620.794
	RW22	N670040.40	W1462114.35	N6700.673	W14621.239

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00573	40

CITY AND STATE
VENETIE, AK

ELEVATION: 574 TDZE: 574
 AIRPORT NAME:
 VENETIE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 22, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 04, 22 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 04 - CLIMBING RIGHT TURN TO INTERCEPT FYU VORTAC R-294 TO FYU VORTAC.

RWY 22 - CLIMBING LEFT TURN TO INTERCEPT FYU VORTAC R-287 TO FYU VORTAC.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

RWY 04, 22: 5831 MSL AAO 671643.20N/1472342.80W

(5) City, State

VENETIE, AK

(6) Airport

VENETIE

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM:	TO	COURSE AND DISTANCE	ALTITUDE												
ZOGOD (IAF)	HEJNO (NOPT) (FB)	021.67 / 5.00	2500	LNAV/VNAV: DA LNAV: RW11 CLIMB TO 2000 DIRECT JOTWI AND VIA 116.45 TRACK TO HOLIE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 296.03 INBOUND. CHART FAS OBST: 180 TREE (PYAK084) 593126N/1394147W CHART FAS OBST: 201 TREE 593150N/1394206W CHART 365 TOWER 592309N/1392154W. DISTANCE TO THLD FROM 455 HAT: 1.26 NM. CHART VDP AT 1.18 NM TO RW11* *LNAV ONLY											
HEJNO (IF/IAF)	ADKUH (FB)	111.77 / 7.50	1300												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W HEJNO, RT, 111.77 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: 111.93 FAF: ADKUH _____ DIST FAF TO MAP: 3.77 THLD: 3.77 4. MIN. ALT: HEJNO 2500, ADKUH 1300, FETOB/1.70 NM TO RW11 620* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1300 GS ALT AT: ADKUH _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.6 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 23E 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/VNAV DA	488	5000	455	488	5000	455	488	5000	455	488	5000	455			
LNAV MDA	460	2400	427	460	2400	427	460	4000	427	460	5000	427			
CIRCLING	480	1	447	500	1	467	520	1 1/2	487	600	2	567			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY															
CITY AND STATE		ELEVATION: 33 TDZE: 33		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
YAKUTAT, AK		AIRPORT NAME: YAKUTAT				RNAV (GPS) RWY 11, AMDT 1A APR 10 2008				AMDT: 1					
										DATED 12/22/2005					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	022/30 CW 090/30	022/16 CW 090/16	3500
2.	090/30 CW 142/30	090/16 CW 142/16	9000
3.	022/16 CW 142/16 (NOPT)	HEJNO (IF/IAF)	2500
4.	142/30 CW 292/30	142/16 CW 292/16	15300
5.	142/16 CW 292/16	HEJNO (IAF)	7500
6.	292/30 CW 022/30	ZOGOD (IAF)	2500

CITY AND STATE

YAKUTAT, AK

ELEVATION: 33 TDZE: 33

AIRPORT NAME:

YAKUTAT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 11, AMDT 1A

APR 10 2008

SUP:

AMDT: 1

DATED: 12/22/2005

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

[illegible]

PAGE 3 OF 4 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HEJNO	HEJNO	010		HF	R	FB		111.8 (135T)	004.0	02500
	ZOGOD	ZOGOD	010	IAF	IF		FB				
	ZOGOD	HEJNO	020		TF		FB	1.0	021.7 (045T)	005.0	02500
		HEJNO	010	FACF	IF		FB				02500
		ADKUH	020	FAP	TF		FB	0.5	111.8 (135T)	007.5	01300
		FETOB	021	SDF	TF		FB	0.3	111.9 (135T)	002.1	00620
		RW11	030	MAP	TF		FO	0.3	111.9 (135T)	001.7	00086

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JOTWI	040		DF		FB	1.0			
	HOLIE	050		TF		FO	1.0	116.5 (140T)		02000
	HOLIE	060		HM	R	FO	2.0	296.0 (319T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADKUH	N593320.66	W1394507.18	N5933.344	W13945.120
	FETOB	N593153.15	W1394214.51	N5931.886	W13942.242
	HEJNO	N593837.21	W1395534.95	N5938.620	W13955.583
	HOLIE	N591748.87	W1391708.91	N5917.815	W13917.149
	JOTWI	N592627.32	W1393134.94	N5926.455	W13931.582
	ZOGOD	N593504.59	W1400230.49	N5935.077	W14002.508
	RW11	N593041.23	W1393952.88	N5930.687	W13939.881

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	00033	53

CITY AND STATE
YAKUTAT, AK

ELEVATION: 33 TDZE: 33
 AIRPORT NAME:
 YAKUTAT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 11, AMDT 1A
 APR 10 2008

SUP:
 AMDT: 1
 DATED: 12/22/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DEYA (IAF)	CIMUF (NOPT) (FB)	022.16 / 5.00	2500	LPV: DA LNAV/VNAV: DA LNAV: RW29
CIMUF (IF/IAF)	JOTWI (FB)	292.26 / 6.78	1600	
				CLIMB TO 3000 DIRECT ZATOS AND VIA 262.53 TRACK TO WORTT AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.56 INBOUND. CHART FAS OBST: 115 TREE 592936N/1393724W CHART FAS OBST: 178 TREE 592745N/1393330W DISTANCE TO THLD FROM 266 HAT: 0.68 NM. WAAS CHANNEL # 66006 REFERENCE PATH ID: W29A CHART VDP AT 1.14 MILES TO RW29* *LNAV ONLY

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E CIMUF, LT, 292.26 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 292.12 FAF: JOTWI DIST FAF TO MAP: 4.72 THLD: 4.72
- MIN. ALT: CIMUF 2500, JOTWI 1600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1600 GS ALT AT: JOTWI OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 23E

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	
LPV DA	292	1/2	266	292	1/2	266	292	1/2	266	292	1/2	266				
LNAV/VNAV DA	380	3/4	354	380	3/4	354	380	3/4	354	380	3/4	354				
LNAV MDA	440	1/2	414	440	1/2	414	440	3/4	414	440	1	414				
CIRCLING	480	1	447	500	1	467	520	1 1/2	487	600	2	567				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 AND LNAV CAT D TO 1 1/4.

CITY AND STATE YAKUTAT, AK	ELEVATION: 33 TDZE: 26 AIRPORT NAME: YAKUTAT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, AMDT 2 APR 10 2008	SUP: AMDT: 1 DATED 07/05/2007
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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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TAA

	FROM	TO	ALT
1.	112/30 CW 277/30	112/11 CW 277/11	8000
2.	112/11 CW 227/11	CIMUF (IF/AF)	3600
3.	277/30 CW 022/30 (NOPT)	CIMUF (IF/AF)	2500
4.	022/30 CW 112/30	DEDYA	2500

CITY AND STATE

YAKUTAT, AK

ELEVATION: 33

TDZE: 26

AIRPORT NAME:

YAKUTAT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 29, AMDT 2

APR 10 2008

SUP:

AMDT: 1

DATED: 07/05/2007

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER PAYA
RUNWAY RW29
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W29A
LTP/FTP LATITUDE 592947.2700N
LTP/FTP LONGITUDE 1393806.7900W
LTP/FTP ELLIPSOIDAL HEIGHT +00133
FPAP LATITUDE 593050.1300N
FPAP LONGITUDE 1394010.3800W
THRESHOLD CROSSING HEIGHT (TCH) 00052.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0392
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E8BB314F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE PA
LTP ORTHOMETRIC HEIGHT +00074
FPAP ORTHOMETRIC HEIGHT +00074

CITY AND STATE
YAKUTAT, AK

ELEVATION: 33 TDZE: 26
AIRPORT NAME:
YAKUTAT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 29, AMDT 2
APR 10 2008

SUP:
AMDT: 1
DATED: 07/05/2007

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

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

CITY AND STATE YAKUTAT, AK	ELEVATION: 33 TDZE: 26 AIRPORT NAME: YAKUTAT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, AMDT 2 APR 10 2008	SUP:
				AMDT: 1
				DATED: 07/05/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIMUF	CIMUF	010		HF	L	FB		292.3 (315T)	004.0	02500
	DEDYA	DEDYA	010	IAF	IF		FB				
	DEDYA	CIMUF	020		TF		FB	1.0	022.2 (045T)	005.0	02500
		CIMUF	010	FACF	IF		FB				02500
		JOTWI	020	FAF	TF		FB	0.5	292.3 (315T)	006.8	01600
		RW29	030	MAP	TF		FO	0.3	292.1 (315T)	004.7	00076

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZATOS	040		DF		FB	1.0			
	WORTT	050		TF		FO	1.0	262.5 (286T)		03000
	WORTT	060		HM	R	FO	2.0	085.6 (109T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIMUF	N592139.38	W1392214.00	N5921.656	W13922.233
	DEDYA	N591808.56	W1392909.63	N5918.143	W13929.161
	JOTWI	N592627.32	W1393134.94	N5926.455	W13931.582
	WORTT	N593558.98	W1401035.94	N5935.983	W14010.599
	ZATOS	N593205.84	W1394239.52	N5932.097	W13942.659
	RW29	N592947.27	W1393806.79	N5929.788	W13938.113

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00024	52

CITY AND STATE
YAKUTAT, AK

ELEVATION: 33 TDZE: 26
 AIRPORT NAME:
 YAKUTAT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 29, AMDT 2
 APR 10 2008

SUP:
 AMDT: 1
 DATED: 07/05/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME BC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: LULIC/YAK 1.62 DME						
YAK VOR/DME		JOTWI/YAK 5.62 DME		115.40 / 5.62				2300		CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT YAK VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 DIRECT OCC NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000, HOLD W, RT, 112.00 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SE, LT, 296.03 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD W OCC NDB, RT, 112.00 INBOUND. CHART FAS OBST: 115 TREE 592936N/1393724W CHART YAK R-095 AT YISPO. CHART IN PLANVIEW: OCC NDB. JOTWI TO RW29: 3.04/52.						
YISPO/YAK 17.00 DME CW (IAF)		JUKAL/YAK 17.00 DME (NOPT)		17.00 DME ARC (YAK LR-106)				4000								
JUKAL/YAK 17.00 DME (IF)		JOTWI/YAK 5.62 DME		292.03 / 11.39 (I-YAK)				1600								
1. PT <u> L </u> SIDE OF COURSE <u> 112.03 </u> OUTBOUND <u> 1800 </u> FT WITHIN <u> 10 </u> MILES OF <u> JOTWI </u> (IAF) 2. _____ 3. FAC <u> 292.03 </u> FAF <u> JOTWI/YAK 5.62 DME </u> DIST FAF TO MAP _____ THLD <u> 4.72 </u> 4. MIN. ALT <u> JOTWI 1600 </u> 8. MSA FROM: <u> YAK VOR/DME 290-105 7500, 105-290 2100 </u>										MAG VAR: 23E 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		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-29		380	1/2	354	380	1/2	354	380	1/2	354	380	3/4	354			
CIRCLING		480	1	447	500	1	467	520	1 1/2	487	600	2	567			
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: DME FROM YAK VOR/DME. SIMULTANEOUS RECEPTION OF I-YAK AND YAK VOR/DME REQUIRED.																
CITY AND STATE		ELEVATION: 33			TDZE: 26			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP		
YAKUTAT, AK		AIRPORT NAME:			YAKUTAT			I-YAK		LOC/DME BC RWY 29, AMDT 5				AMDT 4A		
										APR 10 2008				DATE 07/05/2007		



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, NA - OBSTACLES.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 21 - USE OATES RNAV DEPARTURE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

SEDONA, AZ

(6) Airport

SEDONA

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE:

USE BACHS DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

ALTURAS, CA

(6) Airport

ALTURAS MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
CZQ VORTAC	STORI/FAT 6.06 DME	121.59 / 12.96	2000	ILS: DA LOC: 1.69 DME FIX CLIMB TO 800 THEN CLIMBING RIGHT TURN TO 2000 DIRECT CZQ VORTAC AND HOLD (TACAN AIRCRAFT CLIMB TO 3000 VIA CZQ VORTAC R-307 TO OXVEV/CZQ 7.00 DME AND HOLD NW, RT, 126.84 INBOUND); OR WHEN DIRECTED BY ATC, CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 5000 VIA FRA VORTAC R-202 TO NIVEE/FRA 8.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000, HOLD S, RT, 21.75 INBOUND. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 126.84 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S NIVEE/FRA 8.00 DME, RT, 021.75 INBOUND. CHART FAS OBST: 429 TREE 364421N/1193814W CHART 489 POWER LINES 364303N/1193805W. CHART 484 POWERLINES 364329N/1193855W CHART VDP AT 2.55 DME; DISTANCE VDP TO THLD 0.86 MILES. CHART IN PLANVIEW: NIVEE/FRA 8.00 DME.											
ALTTAI-FAT 24.08 DME (IAF)	SANGO/FAT 12.11 DME (NOPT)	291.37 / 11.96 (I-FAT)	2600												
SANGO/FAT 12.11 DME (IF)	STORI/FAT 6.06 DME	291.37 / 6.05 (I-FAT)	1800												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E STORI, LT, 291.37 INBOUND, 1800 FT. IN LIEU OF PT (IAF) 3. FAC: 291.37 FAF: STORI/FAT 6.06 DME DIST FAF TO MAP: - THLD: 4.37 4. MIN. ALT: STORI 1800 5. DIST TO THLD FROM OM: 4.37 MM: - IM: 850 150 HAT: - 100 HAT: 820 GS ANT: 1050 6. MIN GS INCPT: 1800 GS ALT AT: STORI 1800 OM: - MM: - IM: 435 7. GS ANGLE: 3.00 TCH: 57.5 8. MSA FROM: CZQ VORTAC 120-300 1900, 300-120 7700				MAG VAR: 14E EPOCH YEAR: 2005											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #	LOC: STANDARD @									
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 29R	533	1800	200	533	1800	200	533	1800	200	533	1800	200	533	2400	200
S-LOC 29R	680	2400	347	680	2400	347	680	2400	347	680	4000	347	680	4000	347
SIDESTEP 29L	740	1	410	740	1	410	740	1 1/2	410	740	2	410	740	2	410
CIRCLING	820	1	484	820	1	484	820	1 1/2	484	920	2	584	1140	2 3/4	804
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS RWY 29R: DA 433 MSL, 102 RA, RVR 1200, HAT 100; CAT A, B, C, D. # CAT E 900-2 3/4 @ CAT E 900-2 3/4 CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS RWY 29R: CAT IIIA RVR 700; CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA. SEE 8260-10															
CITY AND STATE		ELEVATION: 336 TDZE: 29R 333		FACILITY IDENTIFIER: I-FAT		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
FRESNO, CA		AIRPORT NAME: FRESNO YOSEMITE INTL				ILS OR LOC/DME RWY 29R, AMDT 37 ILS RWY 29R (CAT II), ILS RWY 29R (CAT III) APR 10 2008				AMDT: 36A					
										DATED 01/18/2007					

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART PLANVIEW NOTE: DME REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE S-ILS CAT E VISIBILITY TO RVR 4000 AND S-LOC CAT E VISIBILITY TO RVR 6000.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR TERMINAL ROUTE CLOVIS (CZQ) VORTAC TO STORI INT.

CHART NOTE: HOLD IN LIEU OF PT NA FOR CAT E AIRCRAFT.

CHART PLANVIEW NOTE: MAXIMUM HOLDING AIRSPEED AT STORI 200 KIAS.

CITY AND STATE

FRESNO, CA

ELEVATION: 336

AIRPORT NAME:

FRESNO YOSEMITE INTL

TDZE: 29R 333

TDZE: 29L 330

FACILITY
IDENTIFIER:

I-FAT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 29R, AMDT 37
ILS RWY 29R (CAT II), ILS RWY 29R (CAT III)

APR 10 2008

SUP:

AMDT: 36A

DATED: 01/18/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
SMO VOR/DME	WAKER INT	259.00 / 18.83	5100	ILS: DA LOC: 5.02 MILES AFTER TURKA INT/7.15 DME OR AT I-IAS 2.13 DME FIX			
FIM VORTAC	WAKER INT	158.00 / 19.62	5100				
WAKER INT (IAF)	STEMS INT/21.96 DME	158.00 / 8.25 (FIM R-158) (LAX LR-255)	3000	CLIMB TO 2000 VIA LAX VORTAC R-068 TO CITON INT/LAX 4.00 DME THEN CLIMB TO 3500 VIA LAX VORTAC R-068 TO DOWNE INT/LAX 15.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500; OR WHEN DIRECTED BY ATC CLIMB TO 2000 VIA HEADING 069 UNTIL PASSING SMO R-113 THEN CLIMB TO 3500 AND INTERCEPT SLI R-327 TO DOWNE INT/ SLI 11.38 DME AND HOLD SE, LT, 327.39 INBOUND. CONTINUE CLIMB-IN-HOLD TO 3500.			
EXERT INT (IAF)	STEMS INT/21.96 DME	024.00 / 1.14 (HDG) & 068.99 / .95 (I-IAS)	3000				
STEMS INT/21.96 DME	FEKIL INT/13.16 DME	068.99 / 8.79 (I-IAS)	2800				
TANDY INT (IAF)	MERMA INT	328.00 / 9.34 (FIM R-148)	2800				
MERMA INT (IAF)	FEKIL INT/13.16 DME	024.00 / .81 (HDG) & 068.99 / 3.21 (I-IAS)	2800	ADDITIONAL FLIGHT DATA: HOLD E, LT, 248.00 INBOUND. CHART FAS OBST: 203 ANT ON OL POLE 335602N/1182555W CHART VDP AT 3.21 DME; DISTANCE VDP TO THLD 1.08 MILES. CHART (ACISU) AT INTERSECTION OF EXERT DR LEG AND INTERMEDIATE COURSE CHART (DITDA) AT INTERSECTION OF MERMA DR LEG AND INTERMEDIATE COURSE CHART LOC RWY 6L/R DO NOT CHART: ALTERNATE MA HOLDING AT DOWNE			
FEKIL INT/13.16 DME (IF)	TURKA INT/7.15 DME	068.99 / 6.01 (I-IAS)	1800*				
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 14E EPOCH YEAR: 1980			
2. PROFILE STARTS AT STEMS							
3. FAC: <u>068.99</u> FAF: <u>TURKA INT/7.15 DME</u> DIST FAF TO MAP: <u>5.02</u> THLD: <u>5.02</u>							
4. MIN. ALT: <u>STEMS 3000, FEKIL 2800##, TURKA 1800*</u>							
5. DIST TO THLD FROM OM: <u>5.02</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1074</u>							
6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>TURKA INT/7.15 DME 1800</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>							
7. GS ANGLE: <u>3.00</u> TCH: <u>59.4</u>							
8. MSA FROM: <u>LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700</u>							
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	STANDARD	
CATEGORY =====>	A			B			C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
S-ILS 7L	328	1800	202	328	1800	202	328
S-LOC 7L	520	2400	394	520	2400	394	520
SIDESTEP 7R	520	5000	395	520	5000	395	520
NOTES: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EXERT VIA V25 WESTBOUND. *LOC ONLY CHART PROFILE NOTE: ##1800 WHEN AUTHORIZED BY ATC. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7R CAT A/B. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L/R.							
CITY AND STATE LOS ANGELES, CA		ELEVATION: 125 TDZE: 7L 126 AIRPORT NAME: TDZE: 7R 125 LOS ANGELES INTL		FACILITY IDENTIFIER: I-IAS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 7L, AMDT 6B APR 10 2000	
						SUP: AMDT: 6A DATED 07/05/2007	



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.02 MILES AFTER FUMBL INT/7.01 DME OR AT 1.99 DME FIX
SMO VOR/DME	WAKER INT	259.00 / 18.83	5100	CLIMB TO 2000 VIA LAX VORTAC R-069 TO ESINE INT/LAX 4.00 DME THEN CLIMB TO 3500 VIA LAX VORTAC R-068 TO DOWNE INT/LAX 15.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500; OR WHEN DIRECTED BY ATC CLIMB TO 2000 VIA 068.99 HEADING UNTIL PASSING SMO R-114, THEN CLIMB TO 3500 AND INTERCEPT SLI R-327 TO DOWNE INT/SLI 11.38 DME AND HOLD SE, LT, 327.39 INBOUND. CONTINUE CLIMB-IN-HOLD TO 3500. ADDITIONAL FLIGHT DATA: HOLD E, LT, 248.00 INBOUND. CHART FAS OBST: 203 ANT ON OL POLE 335602N/1182555W CHART VDP AT 2.89 DME; DISTANCE VDP TO THLD 0.89 MILES. CHART (AVEC) AT INTERSECTION OF EXERT DR LEG AND INTERMEDIATE COURSE CHART (GIPYE) AT INTERSECTION OF MERMA DR LEG AND INTERMEDIATE COURSE CHART LOC RWY 06L/R DO NOT CHART: ALTERNATE MA HOLDING AT DOWNE
FIM VORTAC	WAKER INT	158.00 / 19.62	5100	
WAKER INT (IAF)	OLAFF INT/21.82 DME	158.00 / 8.39 (FIM R-158) (LAX LR-254)	3000	
EXERT INT (IAF)	OLAFF INT/21.82 DME	024.00 / .96 (HDG) & 068.99 / 1.07 (I-MKZ)	3000	
OLAFF INT/21.82 DME	TIMSE INT/13.02 DME	068.99 / 8.80 (I-MKZ)	2800	
TANDY INT (IAF)	MERMA INT	328.00 / 9.34 (FIM R-148)	2800	
MERMA INT (IAF)	TIMSE INT/13.02 DME	023.99 / .62 (HDG) & 068.99 / 3.35 (I-MKZ)	2800	
TIMSE INT/13.02 DME (IF)	FUMBL INT/7.01 DME	068.99 / 6.01 (I-MKZ)	1800*	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT OLAFF
- FAC: 068.99 FAF: FUMBL INT/7.01 DME DIST FAF TO MAP: 5.02 THLD: 5.02
- MIN. ALT: OLAFF 3000, TIMSE 2800##, FUMBL 1800*
- DIST TO THLD FROM OM: 5.02 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1075
- MIN GS INCPT: 2800 GS ALT AT: FUMBL INT/7.01 DME 1800 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 58.7
- MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	ILS: STANDARD	LOC: STANDARD									
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 7R	325	2400	200	325	2400	200	325	2400	200	325	2400	200			
S-LOC 7R	460	2400	335	460	2400	335	460	2400	335	460	4000	335			
SIDESTEP 7L	520	5000	394	520	5000	394	520	5000	394	520	1 1/2	394			

NOTES:
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EXERT VIA V-25 WESTBOUND.
 CHART NOTE: SIMULTANEOUS APPROACHES AUTHORIZED WITH RWY 6L/R.
 *LOC ONLY
 CHART PROFILE NOTE: ##1800 WHEN AUTHORIZED BY ATC.
 SEE 8260-10

CITY AND STATE LOS ANGELES, CA	ELEVATION: 125 AIRPORT NAME: LOS ANGELES INTL	TDZE: 7R 125 TDZE: 7L 126	FACILITY IDENTIFIER: I-MKZ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 7R, AMDT 5A APR 10 2008	SUP: AMDT: 5 DATED 05/10/2007
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**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29**

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NOTES CONT.**CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 7R CAT D VISIBILITY TO RVR 5000.****CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7L CAT A/B.**

CITY AND STATE

LOS ANGELES, CA

ELEVATION: 125

AIRPORT NAME:

LOS ANGELES INTL

TDZE: 7R 125

TDZE: 7L 126

FACILITY
IDENTIFIER:

I-MKZ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 7R, AMDT 5A

APR 10 2008

SUP:

AMDT: 5

DATED: 05/10/2007

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 13L: MINIMUM CLIMB OF 440' PER NM TO 2300' OR 5900-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 13R: MINIMUM CLIMB OF 422' PER NM TO 2300' OR 5900-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 31L: MINIMUM CLIMB OF 386' PER NM TO 4500' OR 5900-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 31R: MINIMUM CLIMB OF 405' PER NM TO 4500' OR 5900-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY'S 13L/R: CLIMBING LEFT TURN HEADING 090 TO INTERCEPT TRM R-304 TO TRM VORTAC OR FOR CLIMB IN VISUAL CONDITIONS CROSS PALM SPRINGS INTL AIRPORT AT OR ABOVE 6300 THEN DIRECT PSP VORTAC THENCE...

RWY'S 31L/R: CLIMBING RIGHT TURN DIRECT PSP VORTAC THENCE..., OR FOR CLIMB IN VISUAL CONDITIONS CROSS PALM SPRINGS INTL AIRPORT AT OR ABOVE 6300 THEN DIRECT PSP VORTAC THENCE...

...VIA PSP R-124 AND TRM R-304 TO TRM VORTAC.

ALL RWY'S IF NOT AT MEA/MCA AT TRM VORTAC, CLIMB IN TRM HOLDING PATTERN (HOLD E, RT, 289 INBOUND) UNTIL REACHING MEA/MCA FOR ASSIGNED ROUTE OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES: RWY 13L, TREES BEGINNING 299' FROM DER, 530' LEFT OF CENTERLINE, UP TO 66' AGL /465' MSL. HGR 935' FROM DER, 552' LEFT OF CENTERLINE, 31' AGL/440' MSL. RWY 13R, TREES BEGINNING 1170' FROM DER, 239' RIGHT OF CENTERLINE, UP TO 100' AGL/599' MSL. POLES BEGINNING 815' FROM DER, 209' RIGHT OF CENTERLINE, UP TO 44' AGL/433' MSL. LT 843' FROM DER, 441' RIGHT OF CENTERLINE, 38' AGL/427 MSL. ANT 1642' FROM DER, 26' RIGHT OF CENTERLINE, 53' AGL/442' MSL. RWY 31L, POLES BEGINNING 1641' FROM DER, 125' RIGHT OF CENTERLINE, UP TO 31' AGL/550' MSL. TOWERS BEGINNING 2418' FROM DER, 402' LEFT OF CENTERLINE, UP TO 59' AGL/560' MSL. TREE 3016' FROM DER, 66' RIGHT OF CENTERLINE, 43' AGL/562' MSL. RWY 31R, MULTIPLE TREES AND BUSHES BEGINNING 305' FROM DER, 233' RIGHT OF CENTERLINE, UP TO 48' AGL/507' MSL. VENT ON BLDG 919' FROM DER, 399' RIGHT OF CENTERLINE, 15' AGL/474' MSL.

(4) CONTROLLING OBSTACLES:

RWY'S 31L/R: 1819 MSL AAO 335212.73N/1162546.79W, 2154 MSL AAO 335655.00N/1162606.00W
RWY'S 13L/R: 1819 MSL AAO 335212.73N/1162546.79W
VCOA (ALL RWY'S) 6015 MSL AAO 334905.33N/1163606.40W

(5) City, State

PALM SPRINGS, CA

(6) Airport

PALM SPRINGS INTL.

(7) Effective Date

APR 10 2008

(8) Amdt. No.

5

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

SACRAMENTO, CA

(6) Airport

MC CLELLAN AIRFIELD

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
GVO VORTAC (IAF)	YONNI INT/GVO 3.00 DME	163.00 / 3.00	5000	ILS: DA LOC: 5.39 MILES AFTER NAPPS INT/I-SBA 6.59 DME OR AT I-SBA 1.21 DME FIX CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 4000 VIA RZS VORTAC R-185 TO GOLET INT/RZS 14.43 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000; OR WHEN DIRECTED BY ATC, CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 160 AND FIM VORTAC R-250 TO GOLET INT/FIM 49.06 DME AND HOLD E, RT, 250.00 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 307.00 INBOUND. CHART FAS OBST: 239 TREE 342558N/1195422W CHART VDP AT 2.56 DME; DISTANCE VDP TO THLD 1.35 MILES. DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT GOLET.
YONNI INT/GVO 3.00 DME	HABUT INT/I-SBA 12.84 DME	163.00 / 3.53 (GVO R-163) (RZS LR-245)	3500	
GOLET INT/RZS 14.43 DME (IAF)	LOBER INT/FIM 60.11 DME	250.00 / 11.05 (FIM R-250)	4000	
LOBER INT/FIM 60.11 DME	HABUT INT/I-SBA 12.84 DME	343.00 / 9.53 (GVO R-163) (RZS LR-231)	3500	
HABUT INT/I-SBA 12.84 DME (IF)	GOYED INT/I-SBA 9.48 DME	074.55 / 3.36 (I-SBA)	2700	
GOYED INT/I-SBA 9.48 DME	NAPPS INT/I-SBA 6.59 DME	074.55 / 2.89 (I-SBA)	1800	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HABUT
- FAC: 074.55 FAF: NAPPS INT/I-SBA 6.59 DME DIST FAF TO MAP: 5.39 THLD: 5.39
- MIN. ALT: HABUT 3500, GOYED 2700, NAPPS 1800
- DIST TO THLD FROM OM: 5.39 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
- MIN GS INCPT: 1800 GS ALT AT: NAPPS INT/I-SBA 6.59 DME 1800 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 48.1
- MSA FROM: RZS VORTAC 030-120 8800, 120-210 5200, 210-300 5800, 300-030 8100

MAG VAR: 14E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A				ILS: #			LOC: STANDARD @		
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 7		213	2400	200	213	2400	200	213	2400	200	213	2400	200			
S-LOC 7		500	2400	487	500	2400	487	500	4000	487	500	5000	487			
CIRCLING		800	1	787	800	1 1/4	787	800	2 1/4	787	1000	3	987			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXNARD ALTIMETER SETTING AND INCREASE ALL DA'S/MDA'S 100 FT, AND S-LOC CAT C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000. INCREASE CIRCLING CAT A VISIBILITY 1/4 MILE, CAT C VISIBILITY 1/2 MILE. FOR INOPERATIVE MALSR WHEN USING OXNARD ALTIMETER SETTING, INCREASE S-ILS 7 ALL CATS VISIBILITY TO RVR 5000.

CAT A, B 800-2, CAT C 800-2 1/4, CAT D 1000-3
 @ CAT C 800-2 1/4, CAT D 1000-3
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE SANTA BARBARA, CA	ELEVATION: 13 TDZE: 13 AIRPORT NAME: SANTA BARBARA MUNI	FACILITY IDENTIFIER: I-SBA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 7, AMDT 5	SUP: ILS RWY 7 AMDT: 4 DATED 07/05/2007
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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					
GOLET	LOBER (FB)	250.44 / 11.05	4000	LPV: DA LNAV/VNAV: DA LNAV: RW07				
LOBER (IAF)	ECEVA (FB)	344.98 / 9.53	2800					
AFOXY (IAF)	RIMVE (FB)	147.96 / 7.78	4400	CLIMB TO 4000 DIRECT CESRA AND RIGHT TURN VIA 164.60 TRACK TO IYOBE AND RIGHT TURN VIA 250.50 TRACK TO GOLET AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.				
RIMVE	ECEVA (FB)	147.96 / 3.95	2800					
ECEVA (IF)	NAPPS (FB)	074.42 / 6.26	1800					
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 307.00 INBOUND. CHART FAS OBST: 449 TREE 342642N/1195330W CHART FAS OBST: 145 OL 342506N/1195204W DISTANCE TO THLD FROM 367 HAT: 0.99 NM. CHART VDP AT 1.56 MILES TO RW07* *LNAV ONLY. WAAS CHANNEL # 78306 REFERENCE PATH ID: W07A				
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT ECEVA 3. FAC: <u>074.49</u> FAF: <u>NAPPS</u> DIST FAF TO MAP: <u>5.39</u> THLD: <u>5.39</u> 4. MIN. ALT: <u>ECEVA 2800, NAPPS 1800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>NAPPS 1800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>48.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW07 8100</u>								
				MAG VAR: 14E EPOCH YEAR: 1985				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	380	4000	367	380	4000	367	380	4000
LNAV/VNAV DA	866	2	853	866	2	853	866	2 3/4
LNAV MDA	560	2400	547	560	2400	547	560	6000
CIRCLING	800	1	787	800	1 1/4	787	1000	3
NOTES: CHART NOTE: FOR INOPERATIVE MALSR WHEN USING OXNARD ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2, AND LNAV CAT C TO 1 3/4, CAT D TO 2. @ CAT C 800-2 1/4, CAT D 1000-3 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). SEE 8260-10								
CITY AND STATE		ELEVATION: 13 TDZE: 13		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
SANTA BARBARA, CA		AIRPORT NAME: SANTA BARBARA MUNI				RNAV (GPS) RWY 7, ORIG		AMDT: NONE
						APR 10 2008		DATED



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW AND PROFILE NOTE: FOR LNAV/VNAV FLY VISUAL TO AIRPORT, 074 DEGREES - 2.5 MILES,
WHEN USING OXNARD ALTIMETER SETTING 2.9 MILES.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AFOXY VIA V22 NORTHWEST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXNARD ALTIMETER SETTING AND INCREASE
ALL DA'S/MDA'S 100 FT, AND INCREASE, LNAV/VNAV VISIBILITY CAT C AND D 1/4 MILE, LNAV CAT C TO
RVR 6000, CAT D 1/4 MILE, CIRCLING CAT A VISIBILITY 1/4 MILE, CAT C VISIBILITY 1/2 MILE.

CHART NOTE: VDP NA WHEN USING OXNARD ALTIMETER SETTING.

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

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV.

CITY AND STATE

SANTA BARBARA, CA

ELEVATION: 13 TDZE: 13

AIRPORT NAME:

SANTA BARBARA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBA
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W07A
REFERENCE PATH IDENTIFIER (APPROACH ID)	342538.9935N
LTP/FTP LATITUDE	1195116.7225W
LTP/FTP LONGITUDE	-00324
LTP/FTP ELLIPSOIDAL HEIGHT	342540.6000N
FPAP LATITUDE	1194959.5900W
FPAP LONGITUDE	00048.1
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.75
COURSE WIDTH AT THRESHOLD	0128
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER 5910949B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+00034
FPAP ORTHOMETRIC HEIGHT	+00034

CITY AND STATE SANTA BARBARA, CA	ELEVATION: 13 TDZE: 13 AIRPORT NAME: SANTA BARBARA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG APR 10 2008	SUP: AMDT: NONE DATED:
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Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

[illegible][illegible]

PAGE 4 OF 6 PAGES

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

SUSAP KSKAK2PR07	RW07 001	0000W07A0N3425389935W11951167225-003240300N3425406000W11949595900106750128000481F4005005910949BI
SUSAP KSKAK2PR07	RW07 002E	+00034+00034LPV 78306 000 I

SUSAP KSBK2SRW07 K2PG 0 18018008125 M I

M I

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AFOXY	AFOXY	010	IAF	IF		FB				
	AFOXY	RIMVE	020		TF		FB	1.0	148.0(162T)	007.8	04400
	GOLET	GOLET	010		IF		FB				
	GOLET	LOBER	020	IAF	TF		FB	2.0	250.4(264T)	011.1	04000
	GOLET	ECEVA	030		TF		FB	1.0	345.0(359T)	009.5	02800
	RIMVE	RIMVE	010		IF		FB				
	RIMVE	ECEVA	020		TF		FB	1.0	148.0(162T)	004.0	02800
		ECEVA	010	FACF	IF		FB				02800
		NAPPS	020	FAF	TF		FB	0.5	074.4(088T)	006.3	01800
		RW07	030	MAP	TF		FO	0.3	074.5(089T)	005.4	00059

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CESRA	040		DF		FB	1.0			
	IYOBE	050		TF	R	FB	1.0	164.6(179T)		
	GOLET	060		TF	R	FO	1.0	250.5(265T)		04000
	GOLET	070		HM	R	FO	2.0	307.0(321T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AFOXY	N343631.26	W1200943.67	N3436.521	W12009.728
	CESRA	N342545.87	W1194543.05	N3425.765	W11945.718
	ECEVA	N342520.49	W1200520.01	N3425.342	W12005.334
	GOLET	N341652.86	W1195151.75	N3416.881	W11951.863
	IYOBE	N341723.66	W1194528.26	N3417.394	W11945.471
	LOBER	N341547.87	W1200507.65	N3415.798	W12005.128
	NAPPS	N342530.63	W1195747.19	N3425.511	W11957.787
	RIMVE	N342906.38	W1200648.65	N3429.106	W12006.811
	RW07	N342538.99	W1195116.72	N3425.650	W11951.279

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW07	00011 53

CITY AND STATE
SANTA BARBARA, CA

ELEVATION: 13 TDZE: 13
 AIRPORT NAME:
SANTA BARBARA MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 7, ORIG

APR 10 2008

SUP:
 AMDT: **NONE**
 DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
SZW VORTAC	YALUC (FB)	004.35 / 25.69	3000	LNAV: RW13 CLIMB TO 3000 DIRECT GUCEC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 301.68 INBOUND. CHART FAS OBST: 565 ANTENNA 305409N/0841344W CEYAV TO RW13: 3.04/35.											
ELMOE (IAF)	YALUC (NOPT) (FB)	184.99 / 18.05	3000												
YALUC (IF/IAF)	CEYAV (FB)	121.49 / 6.10	1900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW YALUC, RT, 121.49 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF) 3. FAC: <u>121.54</u> FAF: <u>CEYAV</u> DIST FAF TO MAP: <u>4.96</u> THLD: <u>4.96</u> 4. MIN. ALT: <u>YALUC 3000, CEYAV 1900</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS CLEAR 8. MSA FROM: <u>RW13 3300</u>				MAG VAR: 1W EPOCH YEAR: 1980											
MINIMUMS															
TAKEOFF: ☒ STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: ☒ N A											
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	840	1	576	840	1	576	840	1 1/2	576	840	1 3/4	576			
CIRCLING	900	1	636	900	1	636	900	1 3/4	636	920	2	656			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE MOULTRIE ALTIMETER SETTING, WHEN NOT RECEIVED USE TALLAHASSEE REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 MILE.															
CITY AND STATE		ELEVATION: 264 TDZE: 264		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
CAIRO, GA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG				AMDT: NONE					
		CAIRO-GRADY COUNTY				APR 10 2008				DATED					



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

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

PAGE 2 OF 4 PAGES

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

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MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP 70J K7SRW13 K7PG 0 18018003325 M

CITY AND STATE
CAIRO, GA

ELEVATION: 264 TDZE: 264
AIRPORT NAME:
CAIRO-GRADY COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ELMOE	ELMOE	010	IAF	IF		FB				
	ELMOE	YALUC	020		TF		FB	1.0	185.0 (184T)	018.1	03000
	SZW	SZW	010		IF		FB				
	SZW	YALUC	020		TF		FB	2.0	004.4 (003T)	025.7	03000
	YALUC	YALUC	010		HF	R	FB		121.5 (121T)	004.0	03000
		YALUC	010	FACF	IF		FB				03000
		CEYAV	020	FAF	TF		FB	0.5	121.5 (121T)	006.1	01900
		RW13	030	MAP	TF		FO	0.3	121.5 (121T)	005.0	00299

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GUCEC	040		DF		FO	1.0			03000
	GUCEC	050		HM	R	FO	2.0	301.7 (301T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SZW	N303322.42	W0842226.26	N3033.374	W08422.438
	CEYAV	N305558.41	W0841434.65	N3055.974	W08414.578
	ELMOE	N311707.40	W0841913.73	N3117.123	W08419.229
	GUCEC	N304717.37	W0835733.64	N3047.290	W08357.561
	YALUC	N305904.68	W0842041.42	N3059.078	W08420.690
	RW13	N305326.79	W0840936.81	N3053.447	W08409.614

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13	00264		35

CITY AND STATE
CAIRO, GA

ELEVATION: 264 TDZE: 264
 AIRPORT NAME:
 CAIRO-GRADY COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MAUNA GEF VORTAC (IAF) GUCEC (IF/IAF)	GUCEC (FO)	083.21 / 33.45	3000	LNAV: RW31
	GUCEC (NOPT) (FB)	328.30 / 16.86	3000	
	ILAYI (FB)	301.68 / 6.09	2000	CLIMB TO 3000 DIRECT YALUC AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 121.49 INBOUND. CHART FAS OBST: 555 TOWER 305237N/0840625W ILAYI TO RW31: 3.05/45.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE GUCEC, RT, 301.68 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF)
- FAC: 301.63 FAF: ILAYI DIST FAF TO MAP: 5.31 THLD: 5.31
- MIN. ALT: GUCEC 3000, ILAYI 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW31 3300

MAG VAR: 1W

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF: ☒	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: ☐ N ☒ A												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	860	1	596	860	1	596	860	1 1/2	596	860	1 3/4	596			
CIRCLING	900	1	636	900	1	636	900	1 3/4	636	920	2	656			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAUNA VIA V7 NORTHWEST BOUND AND ARRIVALS AT GEF VORTAC ON AIRWAY RADIALS 270 CW 357.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

CITY AND STATE CAIRO, GA	ELEVATION: 264 TDZE: 264 AIRPORT NAME: CAIRO-GRADY COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG APR 10 2008	SUP: AMDT: NONE DATED
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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.

CHART NOTE: USE MOULTRIE ALTIMETER SETTING, WHEN NOT RECEIVED, USE TALLAHASSEE REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND VISIBILITY CATS C AND D 1/4 MILE.

CITY AND STATE

CAIRO, GA

ELEVATION: 264 TDZE: 264

AIRPORT NAME:

CAIRO-GRADY COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 70J K7FR31	AGEF	010GEF	K7D 0V	A	IF					18000		B JS	
SUSAP 70J K7FR31	AGEF	020GUCECK7EA0EE	010TF			32830169		+ 03000				B JS	
SUSAP 70J K7FR31	AMAUNA	010MAUNAK7EA0E	IF							18000		B JS	
SUSAP 70J K7FR31	AMAUNA	020GUCECK7EA0EY	020TF			08320335		+ 03000				B JS	
SUSAP 70J K7FR31	AMAUNA	030GUCECK7EA0EB	CR	HF		30170040		+ 03000				B JS	
SUSAP 70J K7FR31	R	010GUCECK7EA0E	I	IF				+ 03000		18000		B JS	
SUSAP 70J K7FR31	R	020ILAYIK7EA1E	F	051TF		30170061		+ 02000			RW31	K7PGB	JS
SUSAP 70J K7FR31	R	020ILAYIK7EA2WN			N	ALNAV							JS
SUSAP 70J K7FR31	R	030RW31	K7PG0GY	M	031TF	30160053		00283		-305		B JS	
SUSAP 70J K7FR31	R	040YALUCK7EA0EYM	010DF					+ 03000				B JS	
SUSAP 70J K7FR31	R	050YALUCK7EA0EE	HR020HM			12150040		+ 03000				B JS	

[illegible]

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

SUSAP 70J K7SRW31 K7PG 0 18018003325 M

CITY AND STATE
CAIRO, GA

ELEVATION: 264 TDZE: 264
AIRPORT NAME:
CAIRO-GRADY COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GEF	GEF	010	IAF	IF		FB				
	GEF	GUCEC	020		TF		FB	1.0	328.3(327T)	016.9	03000
	MAUNA	MAUNA	010		IF		FB				
	MAUNA	GUCEC	020		TF		FO	2.0	083.2(082T)	033.5	03000
	MAUNA	GUCEC	030		HF	R	FO		301.7(301T)	004.0	03000
		GUCEC	010	FACF	IF		FB				03000
		ILAYI	020	FAF	TF		FB	0.5	301.7(301T)	006.1	02000
		RW31	030	MAP	TF		FO	0.3	301.6(301T)	005.3	00283

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YALUC	040		DF		FO	1.0			03000
	YALUC	050		HM	R	FO	2.0	121.5(121T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEF	N303304.83	W0834659.28	N3033.081	W08346.988
	GUCEC	N304717.37	W0835733.64	N3047.290	W08357.561
	ILAYI	N305023.96	W0840338.44	N3050.399	W08403.641
	MAUNA	N304250.32	W0843602.11	N3042.839	W08436.035
	YALUC	N305904.68	W0842041.42	N3059.078	W08420.690
	RW31	N305306.65	W0840857.29	N3053.111	W08408.955

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW31	00238		45

CITY AND STATE
CAIRO, GA

ELEVATION: 264 TDZE: 264
AIRPORT NAME:
CAIRO-GRADY COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: CYR NDB									
RENOE INT/SZW 15.38 DME		CYR NDB		066.85 / 11.09				2100		CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT CYR NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.00 INBOUND. CHART FAS OBST: 714 TOWER 305525N/0841620W FAC CROSSES RWY C/L EXTENDED 2251 FROM THLD.									
SZW VORTAC		CYR NDB		027.13 / 22.76				2200											
GEF VORTAC		CYR NDB		315.12 / 28.02				3300											
1. PT <u> L </u> SIDE OF COURSE <u> 314.00 </u> OUTBOUND <u> 1900 </u> FT WITHIN <u> 10 </u> MILES OF <u> CYR NDB </u> (IAF) 2. _____ 3. FAC <u> 134.00 </u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u> CYR NDB 3300 </u>										MAG VAR: 1W EPOCH YEAR: 1985									
MINIMUMS																			
TAKEOFF: ☒ STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		☒							
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-13	1040	1	776	1040	1 1/4	776	1040	2 1/4	776	1040	2 1/2	776							
CIRCLING	1040	1	776	1040	1 1/4	776	1040	2 1/4	776	1040	2 1/2	776							
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE MOULTRIE ALTIMETER SETTING, WHEN NOT RECEIVED USE TALLAHASSEE REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND VISIBILITY 1/4 MILE CATS C AND D.																			
CITY AND STATE CAIRO, GA				ELEVATION: 264 TDZE: 264 AIRPORT NAME: CAIRO-GRADY COUNTY				FACILITY IDENTIFIER: CYR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 13, AMDT 4 APR 10 2008				SUP NDB OR GPS RWY 12 AMDT 3A DATE 06/08/1992					



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

CAIRO

(6) Airport

CAIRO-GRADY COUNTY

(7) Effective Date

APR 10 2008

(8) Amdt. No.

2



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 3, 21 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:
RWY 3 - CLIMB HEADING 035.43 TO 1700 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 587' FROM DER, 469' LEFT OF CENTERLINE, UP TO 100' AGL/939' MSL. TREES BEGINNING 1003' FROM DER, 104' RIGHT OF CENTERLINE, UP TO 100' AGL/929' MSL.

NOTE: RWY 21, TREES BEGINNING 878' FROM DER, 388' LEFT OF CENTERLINE, UP TO 100' AGL/989' MSL. TREES BEGINNING 988' FROM DER, 694' RIGHT OF CENTERLINE, UP TO 100' AGL/999' MSL.

(4) CONTROLLING OBSTACLES:

RWY 3: 2549 MSL TOWER 335202.33N-0834944.00W

(5) City, State

MONROE, GA

(6) Airport

MONROE-WALTON COUNTY

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
OVR VORTAC	IPORE (FO)	352.86 / 17.32	3000	LPV: DA LNAV/VNAV: DA LNAV: RW18	
GLENE	COTAT (FB)	266.33 / 6.10	3600	CLIMB TO 3000 DIRECT WAMET AND HOLD.	
WANAM (IAF)	IPORE (NOPT) (FB)	086.39 / 5.81	3000		
COTAT (IAF)	IPORE (NOPT) (FB)	266.54 / 5.00	3000		
IPORE (IF/IAF)	HODER (FB)	176.47 / 6.20	2900		
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 356.47 INBOUND. CHART FAS OBST: 1279 TREE 411619N/0954520W CHART FAS OBST: 1385 POLE 411742N/0954521W DISTANCE TO THLD FROM 271 HAT: 0.74 NM. WAAS CHANNEL # 42806 REFERENCE PATH ID: W18A	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N IPORE, RT, 176.47 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 176.47 FAF: HODER DIST FAF TO MAP: 5.03 THLD: 5.03 4. MIN. ALT: IPORE 3000, HODER 2900, FEDES/1.60 NM TO RW18 1760* 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2900 GS ALT AT: HODER OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: RW18 3900					
				MAG VAR: 5E EPOCH YEAR: 2000	

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1512	1	271	1512	1	271	1512	1	271	1512	1	271			
LNAV/VNAV DA	1646	1 1/2	405	1646	1 1/2	405	1646	1 1/2	405	1646	1 1/2	405			
LNAV MDA	1640	1	399	1640	1	399	1640	1	399	1640	1 1/4	399			
CIRCLING	1700	1	447	1720	1	467	1840	1 1/2	587	1840	2	587			

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING EPPLEY AIRFIELD ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1253 TDZE: 1241 AIRPORT NAME: COUNCIL BLUFFS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG APR 10 2008	SUP: AMDT: NONE DATED
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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.

*RNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPPLEY AIRFIELD ALTIMETER SETTING AND INCREASE ALL DAS 53 FEET AND ALL MDAS 60 FEET, AND INCREASE LPV ALL CATS, RNAV/VNAV ALL CATS, RNAV CATS C/D AND CIRCLING CAT C VISIBILITIES 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OVR VORTAC AIRWAY RADIALS 295 CW 312.

CITY AND STATE

COUNCIL BLUFFS, IA

ELEVATION: 1253 TDZE: 1241

AIRPORT NAME:

COUNCIL BLUFFS MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCBF
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 411607.0185N
LTP/FTP LONGITUDE 0954526.7605W
LTP/FTP ELLIPSOIDAL HEIGHT +03477
FPAP LATITUDE 411437.9000N
FPAP LONGITUDE 0954529.7900W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

5924D12F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03754
FPAP ORTHOMETRIC HEIGHT +03754

CITY AND STATE
COUNCIL BLUFFS, IA

ELEVATION: 1253 TDZE: 1241
AIRPORT NAME:
COUNCIL BLUFFS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KCBFK3FR18	AGLENE	010GLENEK3EA0E	IF						18000		A JS	
SUSAP	KCBFK3FR18	AGLENE	020COTATK3EA0E	A 020TF		26630061		+ 03600				A JS	
SUSAP	KCBFK3FR18	AGLENE	030IPOREK3EA0EE	010TF		26650050		+ 03000				A JS	
SUSAP	KCBFK3FR18	AOVR	010OVR K3D 0VY	IF						18000		A JS	
SUSAP	KCBFK3FR18	AOVR	020IPOREK3EA0E	A 020TF		35290173		+ 03000				A JS	
SUSAP	KCBFK3FR18	AOVR	030IPOREK3EA0EE	CR HF		17650040		+ 03000				A JS	
SUSAP	KCBFK3FR18	AWANAM	010WANAMK3EA0E	A IF						18000		A JS	
SUSAP	KCBFK3FR18	AWANAM	020IPOREK3EA0EE	010TF		08640058		+ 03000				A JS	
SUSAP	KCBFK3FR18	R	010IPOREK3EA0E	I IF				+ 03000		18000		A JS	
SUSAP	KCBFK3FR18	R	020HODERK3EA0E	F 051TF		17650062		+ 02900			RW18 K3PGA	JS	
SUSAP	KCBFK3FR18	R	021FEDESK3EA0E	S 031TF		17650034		V 0176001789		-300		A JS	
SUSAP	KCBFK3FR18	R	030RW18 K3PGOGY	M 031TF		17650016		01277		-300		A JS	
SUSAP	KCBFK3FR18	R	040WAMETK3EA0EYM	010DF				+ 03000				A JS	
SUSAP	KCBFK3FR18	R	050WAMETK3EA0EE	HR020HM		35650040		+ 03000				A JS	

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1253 TDZE: 1241 AIRPORT NAME: COUNCIL BLUFFS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

SUSAP KCBFK3GRW18	0055001755	N41160702W095452676+0200	01232000045100											

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

SUSAP KCBFK3PR18	RW18 001	0000W18A0N4116070185W09545267605+034770300N4114379000W09545297900106751072000450F4005005924D12F												
SUSAP KCBFK3PR18	RW18 002	+03754+C3754LPV	42806	000										

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

SUSAP KCBFK3SRW18 K3PG	0 25180039	M												

CITY AND STATE
COUNCIL BLUFFS, IA

ELEVATION: 1253 TDZE: 1241
 AIRPORT NAME:
 COUNCIL BLUFFS MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GLENE	GLENE	010		IF		FB				
	GLENE	COTAT	020	IAF	TF		FB	2.0	266.3(271T)	006.1	03600
	GLENE	IPORE	030		TF		FB	1.0	266.5(272T)	005.0	03000
	OVR	OVR	010		IF		FO				
	OVR	IPORE	020	IAF	TF		FB	2.0	352.9(358T)	017.3	03000
	OVR	IPORE	030		HF	R	FB		176.5(182T)	004.0	03000
	WANAM	WANAM	010	IAF	IF		FB				
	WANAM	IPORE	020		TF		FB	1.0	086.4(091T)	005.8	03000
		IPORE	010	FACF	IF		FB				03000
		HODER	020	FAF	TF		FB	0.5	176.5(182T)	006.2	02900
		FEDES	021	SDF	TF		FB	0.3	176.5(182T)	003.4	01760
		RW18	030	MAP	TF		FO	0.3	176.5(182T)	001.6	01277

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WAMET	040		DF		FO	1.0			03000
	WAMET	050		HM	R	FO	2.0	356.5(002T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411002.19	W0954412.23	N4110.037	W09544.204
	COTAT	N412713.07	W0953824.93	N4127.218	W09538.416
	FEDES	N411743.04	W0954523.49	N4117.717	W09545.392
	GLENE	N412704.84	W0953017.94	N4127.081	W09530.299
	HODER	N412108.73	W0954516.48	N4121.146	W09545.275
	IPORE	N412720.96	W0954503.77	N4127.349	W09545.063
	WAMET	N410401.13	W0954551.38	N4104.019	W09545.856
	WANAM	N412729.65	W0955246.88	N4127.494	W09552.781
	RW18	N411607.02	W0954526.76	N4116.117	W09545.446

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01232	45

CITY AND STATE
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 RNAV (GPS) RWY 18, ORIG
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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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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
EMEND	WEPOP (FB)	262.56 / 10.02	3000	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 3000 DIRECT IPORE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 176.47 INBOUND. CHART FAS OBST: 1249 TREE 411510N/0954536W CHART FAS OBST: 1369 TREE 411518N/0954550W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.04 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 53606 REFERENCE PATH ID: W36A											
MEPWE	ZAMAN (FB)	091.23 / 9.26	3000												
OVR VORTAC	WAMET (FO)	186.74 / 6.14	3000												
WEPOP (IAF)	WAMET (NOPT) (FB)	266.54 / 5.00	3000												
ZAMAN (IAF)	WAMET (NOPT) (FB)	086.40 / 5.00	3000												
WAMET (IF/IAF)	JATIN (FB)	356.47 / 6.20	2900												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S WAMET, RT, 356.47 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>356.47</u> FAF: <u>JATIN</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u> 4. MIN. ALT: <u>WAMET 3000, JATIN 2900, HODIN/1.70 NM TO RW36 1820'</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>JATIN</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW36 3900</u>				MAG VAR: 5E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	STANDARD ☒ X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @								
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1495	3/4	250	1495	3/4	250	1495	3/4	250	1495	3/4	250			
LNAV/VNAV DA	1577	1 1/4	332	1577	1 1/4	332	1577	1 1/4	332	1577	1 1/4	332			
LNAV MDA	1620	1	375	1620	1	375	1620	1	375	1620	1 1/4	375			
CIRCLING	1700	1	447	1720	1	467	1840	1 1/2	587	1840	2	587			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). © NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EPPLEY AIRFIELD ALTIMETER SETTING AND SEE 8260-10															
CITY AND STATE		ELEVATION: 1253 TDZE: 1245		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
COUNCIL BLUFFS, IA		AIRPORT NAME:		COUNCIL BLUFFS MUNI		RNAV (GPS) RWY 36, ORIG				AMDT: NONE					
						APR 10 2008				DATED					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

INCREASE ALL DAS 53 FEET AND ALL MDAS 60 FEET, AND INCREASE LPV ALL CATS, LNAV CATS C/D AND CIRCLING CAT C VISIBILITIES 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OVR VORTAC AIRWAY RADIALS 145 CW 192.

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

CITY AND STATE

COUNCIL BLUFFS, IA

ELEVATION: 1253 TDZE: 1245

AIRPORT NAME:

COUNCIL BLUFFS MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KCBF
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 411512.6940N
LTP/FTP LONGITUDE 0954528.6075W
LTP/FTP ELLIPSOIDAL HEIGHT +03511
FPAP LATITUDE 411641.8100N
FPAP LONGITUDE 0954525.5800W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

4EF2626E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03787
FPAP ORTHOMETRIC HEIGHT +03787

CITY AND STATE

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APR 10 2008

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KCBFK3FR36	AEMEND	010EMENDK3EA0E	IF							18000		A JS	
SUSAP KCBFK3FR36	AEMEND	020WEPOPK3EA0E	A 020TF			26260100		+ 03000				A JS	
SUSAP KCBFK3FR36	AEMEND	030WAMETK3EA0E	010RF			26650050		+ 03000				A JS	
SUSAP KCBFK3FR36	AMEPWE	010MEPWK3EA0E	IF							18000		A JS	
SUSAP KCBFK3FR36	AMEPWE	020ZAMANK3EA0E	A 020TF			09120093		+ 03000				A JS	
SUSAP KCBFK3FR36	AMEPWE	030WAMETK3EA0EE	010TF			08640050		+ 03000				A JS	
SUSAP KCBFK3FR36	AOVR	010OVR K3D 0VY	IF							18000		A JS	
SUSAP KCBFK3FR36	AOVR	020WAMETK3EA0E	A 020TF			18670061		+ 03000				A JS	
SUSAP KCBFK3FR36	AOVR	030WAMETK3EA0EE	CR HF			35650040		+ 03000				A JS	
SUSAP KCBFK3FR36	R	010WAMETK3EA0E	I IF					+ 03000		18000		A JS	
SUSAP KCBFK3FR36	R	020JATINK3EA0E	F 051TF			35650062		+ 02900			RW36 K3PGA	JS	
SUSAP KCBFK3FR36	R	021HODINK3EA0E	S 031TF			35650033		V 0182001832		-300		A JS	
SUSAP KCBFK3FR36	R	030RW36 K3PGOGY	M 031TF			35650017		01288		-300		A JS	
SUSAP KCBFK3FR36	R	040IPOREK3EA0EYM	010DF					+ 03000				A JS	

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1253 TDZE: 1245 AIRPORT NAME: COUNCIL BLUFFS MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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A JS

SUSAP KCBFK3GRW36 0055003565 N41151269W095452861-0200 01243000045100

SUSAP KCBFK3PR36	RW36 001	0000W36A0N411E126940W09545286075+035110300N4116418100W09545255800106751072000450F4005004EF2626E
SUSAP KCBFK3PR36	RW36 002	+03787+C3787LPV 53606 000

SUSAP KCBFK3SRW36 K3PG 0 25180039 M

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
	EMEND	EMEND	010		IF		FB				
	EMEND	WEPOP	020	IAF	TF		FB	2.0	262.6 (268T)	010.0	03000
	EMEND	WAMET	030		RF		FB	1.0	266.5 (272T)	005.0	03000
	MEPWE	MEPWE	010		IF		FB				
	MEPWE	ZAMAN	020	IAF	TF		FB	2.0	091.2 (096T)	009.3	03000
	MEPWE	WAMET	030		TF		FB	1.0	086.4 (091T)	005.0	03000
	OVR	OVR	010		IF		FO				
	OVR	WAMET	020	IAF	TF		FB	2.0	186.7 (192T)	006.1	03000
	OVR	WAMET	030		HF	R	FB		356.5 (002T)	004.0	03000
		WAMET	010	FACF	IF		FB				03000
		JATIN	020	FAF	TF		FB	0.5	356.5 (002T)	006.2	02900
		HODIN	021	SDF	TF		FB	0.3	356.5 (002T)	003.3	01820
		RW36	030	MAP	TF		FO	0.3	356.5 (002T)	001.7	01288

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IPORE	040		DF		FO	1.0			03000
	IPORE	050		HM	R	FO	2.0	176.5 (182T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OVR	N411002.19	W0954412.23	N4110.037	W09544.204
	EMEND	N410419.58	W0952600.59	N4104.326	W09526.010
	HODIN	N411330.67	W0954532.08	N4113.511	W09545.535
	IPORE	N412720.96	W0954503.77	N4127.349	W09545.063
	JATIN	N411012.97	W0954538.79	N4110.216	W09545.647
	MEPWE	N410509.57	W0950437.99	N4105.160	W09604.633
	WAMET	N410401.13	W0954551.38	N4104.019	W09545.856
	WEPOP	N410353.24	W0953914.90	N4103.887	W09539.248
	ZAMAN	N410408.64	W0955227.88	N4104.144	W09552.465
	RW36	N411512.69	W0954528.61	N4115.212	W09545.477

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW36	01243		45

CITY AND STATE
COUNCIL BLUFFS, IAELEVATION: 1253 TDZE: 1245
AIRPORT NAME:
COUNCIL BLUFFS MUNIFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
APR 10 2008SUP:
AMDT: NONE
DATED:

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
				MAP: 5.26 MILES AFTER OVR VORTAC	
				CLIMB TO 2900 THEN RIGHT TURN DIRECT OVR VORTAC AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.00 INBOUND. FAS OBST: 1509 AAO 411003N/0954414W FAC CROSSES INTERSECTION OF RWYS 14-32 AND 18-36.	

1. PT L SIDE OF COURSE 133.00 OUTBOUND 2900 FT WITHIN 10 MILES OF OVR VORTAC (IAF)
2. _____
3. FAC 341.67 FAF OVR VORTAC DIST FAF TO MAP 5.26 THLD _____
4. MIN. ALT OVR VORTAC 2900
8. MSA FROM: OVR VORTAC 3900

MAG VAR: 8E

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1760	1	507	1760	1	507	1840	1 1/2	587	1840	2	587			

NOTES:

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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE COUNCIL BLUFFS, IA	ELEVATION: 1253 TDZE:	FACILITY IDENTIFIER: OVR	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 5 APR 10 2008	SUP VOR OR GPS-A
	AIRPORT NAME: COUNCIL BLUFFS MUNI			AMDT 4A
				DATE 05/10/2007

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 14, 32, NA - RUNWAY UNDER CONSTRUCTION.

RWY 18, 36, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 36, TREES 1,196' FROM DER, 453' RIGHT OF CENTERLINE, 100' AGL/1,279' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

COUNCIL BLUFFS, IA

(6) Airport

COUNCIL BLUFFS MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COBRO (IAF)	LEVVI (NOPT) (FB)	180.43 / 5.00	3000
UDVIW (IAF)	LEVVI (NOPT) (FB)	000.43 / 5.00	3000
LEVVI (IF/IAF)	RATUE (FB)	090.43 / 6.27	2300

MISSED APPROACH

LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 3000 DIRECT MEDLE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.75 INBOUND.
CHART FAS OBST: 882 TOWER 401802N/0880937W
CHART FAS OBST: 1037 TOWERS 401839N/0881251W
DISTANCE TO THLD FROM 446 HAT: 1.28 NM.
CHART VDP AT 1.52 MILES TO RW09* *LNAV ONLY.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W LEVVI, RT, 090.43 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 090.51 FAF: RATUE DIST FAF TO MAP: 4.73 THLD: 4.73
- MIN. ALT: LEVVI 3000, RATUE 2300
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2300 GS ALT AT: RATUE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 1W

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A						STANDARD @			
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA		1182	1 1/2	446	1182	1 1/2	446	1182	1 1/2	446	1182	1 1/2	446			
LNAV MDA		1260	1	524	1260	1	524	1260	1 1/2	524	1260	1 3/4	524			
CIRCLING		1260	1	523	1260	1	523	1320	1 1/2	583	1320	2	583			

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN URBANA ALTIMETER SETTING AND INCREASE DA 41 FEET AND ALL MDAS 60 FEET, INCREASE LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, AND

SEE 8260-10

CITY AND STATE RANTOUL, IL	ELEVATION: 737 TDZE: 736 AIRPORT NAME: RANTOUL NATL AVN CNTR/FRANK ELLIOTT FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 APR 10 2008	SUP: AMDT: ORIG DATED 05/17/2001
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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.

CIRCLING VISIBILITY CAT C 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	360/30 CW 180/30 (NOPT)	360/10 CW 180/10	3100
	360/10 CW 180/10	LEVVI (IF/IAF) (FB)	3000
2.	180/30 CW 270/30	COBRO (IAF) (FB)	3000
3.	270/30 CW 360/30	UDVIW (IAF) (FB)	3000

CITY AND STATE

RANTOUL, IL

ELEVATION: 737 TDZE: 736

AIRPORT NAME:

RANTOUL NATL AVN CNTR/FRANK ELLIOTT
FLDFACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG

DATED: 05/17/2001

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

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

ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	COBRO K50	W	N40222558W088232600					W0025	NAR	COBRO			
SUSAEAENRT	LEVVI K50	W	N40172538W088232210					W0025	NAR	LEVVI			
SUSAEAENRT	MEDLE K50	W	N40173530W087533258					W0033	NAR	MEDLE			
SUSAEAENRT	RATUE K50	W	N40172887W088151014					W0025	NAR	RATUE			
SUSAEAENRT	UDVIW K50	W	N40122518W088231820					W0025	NAR	UDVIW			
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTIPK5ATIP	0	050YHN40173680W088083260W001000737					1800018000C	MNAR	RANTOUL NATL AVN CNTR/FRANK	E			
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTIPK5FR09	ACOBRO 010COBROK5EA0E	A	IF							18000		B JS	
SUSAP KTIPK5FR09	ACOBRO 020LEVVIK5EA0EE	010TF					18040050	+ 03000				B JS	
SUSAP KTIPK5FR09	ALEVVI 010LEVVIK5EA0EE	CR	HF				09040040	+ 03000		18000		B JS	
SUSAP KTIPK5FR09	AUDVIW 010UDVIWK5EA0E	A	IF							18000		B JS	
SUSAP KTIPK5FR09	AUDVIW 020LEVVIK5EA0EE	010TF					00040050	+ 03000				B JS	
SUSAP KTIPK5FR09	R	010LEVVIK5EA0E	I	IF				+ 03000		18000		B JS	
SUSAP KTIPK5FR09	R	020RATUEK5EA1E	F	051TF			09040063	+ 02300				B JS	
SUSAP KTIPK5FR09	R	020RATUEK5EA2WN			ALNAV/VNAV ALNAV							JS	
SUSAP KTIPK5FR09	R	030RW09 K5PGOGY	M	031TF			09050047	00775		-300		B JS	
SUSAP KTIPK5FR09	R	040MEDLEK5EA0EYM	010DF					+ 03000				B JS	
SUSAP KTIPK5FR09	R	050MEDLEK5EA0EE	HR020HM				27080040	+ 03000				B JS	
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KTIPK5GRW09	0050010906	N40173111W088085962-0100					+0191900735000040075R						

CITY AND STATE RANTOUL, IL	ELEVATION: 737	TDZE: 736	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1 APR 10 2008	SUP:
	AIRPORT NAME: RANTOUL NATL AVN CNTR/FRANK ELLIOTT FLD				AMDT: ORIG
					DATED: 05/17/2001



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COBRO	COBRO	010	IAF	IF		FB				
	COBRO	LEVVI	020		TF		FB	1.0	180.4 (179T)	005.0	03000
	LEVVI	LEVVI	010		HF	R	FB		090.4 (089T)	004.0	03000
	UDVIW	UDVIW	010	IAF	IF		FB				
	UDVIW	LEVVI	020		TF		FB	1.0	000.4 (359T)	005.0	03000
		LEVVI	010	FACF	IF		FB				03000
		RATUE	020	FAF	TF		FB	0.5	090.4 (089T)	006.3	02300
		RW09	030	MAP	TF		FO	0.3	090.5 (090T)	004.7	00775

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MEDLE	040		DF		FO	1.0			03000
	MEDLE	050		HM	R	FO	2.0	270.8 (270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COBRO	N402225.58	W0882326.00	N4022.426	W08823.433
	LEVVI	N401725.38	W0882322.10	N4017.423	W08823.368
	MEDLE	N401735.30	W0875332.58	N4017.588	W08753.543
	RATUE	N401728.87	W0881510.14	N4017.481	W08815.169
	UDVIW	N401225.18	W0882318.20	N4012.420	W08823.303
	RW09	N401731.11	W0880859.62	N4017.519	W08808.994

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00735	40

CITY AND STATE
RANTOUL, IL

ELEVATION: 737 TDZE: 736
AIRPORT NAME:
RANTOUL NATL AVN CNTR/FRANK ELLIOTT
FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, AMDT 1
APR 10 2008

SUP:
AMDT: ORIG
DATED: 05/17/2001

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

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

TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		- COURSE AND DISTANCE				ALTITUDE		LNAV/VNAV: DA LNAV: RW27						
WUYPA (IAF)		MEDLE (NOPT) (FB)		000.75 / 5.00				3000		CLIMB TO 3000 DIRECT LEVVI AND HOLD.						
ZUNRI (IAF)		MEDLE (NOPT) (FB)		180.75 / 5.00				3000								
MEDLE (IF/IAF)		WIMZY (FB)		270.75 / 6.25				2300								
										ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.43 INBOUND. CHART FAS OBST: 842 TREES 401800N/0880751W FAS OBST: 990 AAO 401823N/0880238W 1000 AAO 401822N/0880127W. DISTANCE TO THLD FROM 379 HAT: 1.08 NM. CHART VDP AT 1.48 MILES TO RW27* 'LNAV ONLY.						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2. HOLD E MEDLE, RT, 270.75 INBOUND, 3000 FT. IN LIEU OF PT (IAF)																
3. FAC: 270.66 FAF: WIMZY DIST FAF TO MAP: 4.75 THLD: 4.75																
4. MIN. ALT: MEDLE 3000, WIMZY 2300																
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: 2300 GS ALT AT: WIMZY OM: _____ MM: _____ IM: _____																
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR																
8. MSA FROM: _____																
MAG VAR: 1W EPOCH YEAR: 1995																
MINIMUMS																
TAKEOFF: _____		STANDARD ☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA		1112	1 1/4	379	1112	1 1/4	379	1112	1 1/4	379	1112	1 1/4	379			
LNAV MDA		1240	1	507	1240	1	507	1240	1 1/2	507	1240	1 1/2	507			
CIRCLING		1240	1	503	1260	1	523	1320	1 1/2	583	1320	2	583			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE CHAMPAIGN URBANA ALTIMETER SETTING AND INCREASE DA 41 FEET AND ALL MDAS 60 FEET, INCREASE VISIBILITIES LNAV/VNAV 1/4 MILE ALL CATS, LNAV SEE 8260-10																
CITY AND STATE		ELEVATION: 737 TDZE: 733			AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
RANTOUL, IL					RANTOUL NATL AVN CNTR/FRANK ELLIOTT FLD		RNAV		RNAV (GPS) RWY 27, AMDT 1 APR 10 2008				AMDT: ORIG DATED 05/17/2001			

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

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NOTES CONT.

CAT D 1/4 MILE, AND CIRCLING CAT C 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	181/30 CW 001/30 (NOPT)	MEDLE (IF/IAF) (FB)	3000
2.	001/30 CW 091/30	WUYPA (IAF) (FB)	3000
3.	091/30 CW 181/30	ZUNRI (IAF) (FB)	3000

CITY AND STATE

RANTOUL, IL

ELEVATION: 737

TDZE: 733

AIRPORT NAME:

RANTOUL NATL AVN CNTR/FRANK ELLIOTT
FLDFACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG

DATED: 05/17/2001

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[illegible]

DATED: 05/17/2001

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MEDLE	MEDLE	010		HF	R	FB		270.8 (270T)	004.0	03000
	WIMZY	WUYPA	010	IAF	IF		FB				
	WIMZY	MEDLE	020		TF		FB	1.0	000.8 (360T)	005.0	03000
	ZUNRI	ZUNRI	010	IAF	IF		FB				
	ZUNRI	MEDLE	020		TF		FB	1.0	180.8 (180T)	005.0	03000
		MEDLE	010	FACF	IF		FB				03000
		WIMZY	020	FAF	TF		FB	0.5	270.8 (270T)	006.3	02300
		RW27	030	MAP	TF		FO	0.3	270.7 (270T)	004.8	00769

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LEVVI	040		DF		FO	1.0			03000
	LEVVI	050		HM	R	FO	2.0	090.4 (089T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LEVVI	N401725.38	W0882322.10	N4017.423	W08823.368
	MEDLE	N401735.30	W0875332.58	N4017.588	W08753.543
	WIMZY	N401733.34	W0880142.98	N4017.556	W08801.716
	WUYPA	N401235.09	W0875330.87	N4012.585	W08753.515
	ZUNRI	N402235.51	W0875334.29	N4022.592	W08753.572
	RW27	N401731.47	W0880755.09	N4017.525	W08807.918

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00729	40

CITY AND STATE RANTOUL, IL	ELEVATION: 737 TDZE: 733	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, AMDT 1 APR 10 2008	SUP:
	AIRPORT NAME: RANTOUL NATL AVN CNTR/FRANK ELLIOTT FLD			AMDT: ORIG
				DATED: 05/17/2001

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 9, 18, 27, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, RISING TERRAIN 84' FROM DER, 149' RIGHT OF CENTERLINE, UP TO 732' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

RANTOUL, IL

(6) Airport

RANTOUL NATL AVN CNTR-FRANK ELLIOTT FLD

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
FWA VORTAC	CECGA INTA-GWB 12.00 DME	040.63 / 26.13	2600	ILS: DA LOC: 5.02 MILES AFTER SHENK LOM/INTA-GWB 6.01 DME OR AT I-GWB 0.99 DME FIX CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT OLK VOR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 080 AND FWA VORTAC R-016 TO TAZCE/FWA 26.00 DME AND HOLD N, RT, 196.21 INBOUND, CONTINUE CLIMB IN HOLD TO 3000 (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD E, RT, 279.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N TAZCE/FWA 26.00 DME, RT, 196.21 INBOUND. FAS OBST: 1069 AAO 411850N/0845857W. CHART IN PLANVIEW: TAZCE/FWA 26.00 DME. CHART VDP AT 2.24 DME; DISTANCE VDP TO THLD 1.26 MILES. CHART PLANVIEW NOTE: FWA VORTAC R-041 AND OLK VOR R-086 SHOULD BE USED TO IDENTIFY CECGA INTERSECTION.											
CECGA INTA-GWB 12.00 DME (IF/IAF)	SHENK LOM/INTA-GWB 6.01 DME	274.32 / 5.99	2600												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E CECGA, RT, 274.32 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>274.32</u> FAF: <u>SHENK LOM/INTA-GWB 6.01 DME</u> DIST FAF TO MAP: <u>5.02</u> THLD: <u>5.02</u> 4. MIN. ALT: <u>CECGA 2600, SHENK LOM 2600</u> 5. DIST TO THLD FROM OM: <u>5.02</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>849</u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2548</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.6</u> 8. MSA FROM: <u>GW LOM 2700</u>				MAG VAR: 5W EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @									
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27	1080	1/2	200	1080	1/2	200	1080	1/2	200	1080	1/2	200			
S-LOC 27	1320	1/2	440	1320	1/2	440	1320	3/4	440	1320	1	440			
CIRCLING	1320	1	440	1340	1	460	1560	2	680	1560	2 1/4	680			
NOTES: CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 60 FEET. CHART NOTE: VDP NA WHEN USING FORT WAYNE INTL ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 880 TDZE: 880		FACILITY IDENTIFIER: I-GWB		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
AUBURN, IN		AIRPORT NAME:				ILS OR LOC RWY 27, AMDT 1				AMDT: ORIG-A					
		DE KALB COUNTY				APR 10 2008				DATED 09/28/2006					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING FORT WAYNE INTL ALTIMETER SETTING INCREASE S-ILS 27
ALL CATS VISIBILITY TO 1.

CITY AND STATE

AUBURN, IN

ELEVATION: 880 TDZE: 880

AIRPORT NAME:

DE KALB COUNTY

FACILITY
IDENTIFIER:
I-GWB

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG-A

DATED: 09/28/2006

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION								
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW08 CLIMBING RIGHT TURN TO 3500 DIRECT WISMI AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 979 TREE 383029N/0863844W. FORBS TO RW08: 3.04/36 CHART: R-3404				
JANRY	OJFOS (FB)	198.33 / 18.90	3500					
SACKO	NIJTI (FB)	321.69 / 9.39	3500					
OJFOS (IAF)	WISMI (NOPT) (FB)	167.72 / 5.00	3500					
NIJTI (IAF)	WISMI (NOPT) (FB)	347.76 / 5.00	3500					
WISMI (IF/IAF)	FORBS (FB)	077.74 / 6.20	2500					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W WISMI, RT, 077.74 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: 077.82 FAF: FORBS DIST FAF TO MAP: 5.18 THLD: 5.18 4. MIN. ALT: WISMI 3500, FORBS 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW08 2300				MAG VAR: 2W EPOCH YEAR: 1995				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X			
CATEGORY =====>	A		B		C		D	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	1240	1	448	1240	1	448	1240	1 1/4
CIRCLING	1280	1	488	1280	1	488	1480	2 1/4
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET, INCREASE LNAV CAT C AND D VISIBILITY 1/2 MILE, AND INCREASE CAT C SEE 8260-10								
CITY AND STATE		ELEVATION: 792 TDZE: 792		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
FRENCH LICK, IN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 8, ORIG		AMDT: NONE
		FRENCH LICK MUNI				APR 10 2008		DATED

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

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NOTES CONT.

CIRCLING VISIBILITY 1/4 MILE AND CAT D CIRCLING VISIBILITY 1/2 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JANRY VIA V305 NORTHEASTBOUND.

CITY AND STATE
FRENCH LICK, IN

ELEVATION: 792 TDZE: 792
AIRPORT NAME:
FRENCH LICK MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 8, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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

[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFRHK5FR08	AJANRY	010JANRYK5EA0E	IF						18000		B JS	
SUSAP	KFRHK5FR08	AJANRY	020QJFOSK5EA0E	A 020TF			19830189	+ 03500				B JS	
SUSAP	KFRHK5FR08	AJANRY	030WISMIK5EA0EE	010TF			16770050	+ 03500				B JS	
SUSAP	KFRHK5FR08	ASACKO	010SACKOK5EA0E	IF						18000		B JS	
SUSAP	KFRHK5FR08	ASACKO	020NIJT IK5EA0E	A 020TF			32170094	+ 03500				B JS	
SUSAP	KFRHK5FR08	ASACKO	030WISMIK5EA0EE	010TF			34780050	+ 03500				B JS	
SUSAP	KFRHK5FR08	AWISMI	010WISMIK5EA0EE	CR HF			07770040	+ 03500		18000		B JS	
SUSAP	KFRHK5FR08	R	010WISMIK5EA0E	I IF				+ 03500		18000		B JS	
SUSAP	KFRHK5FR08	R	020FORBSK5EA1E	F 051TF			07770062	+ 02500			RW08	K5PGB JS	
SUSAP	KFRHK5FR08	R	020FORBSK5EA2WN		N	ALNAV						JS	
SUSAP	KFRHK5FR08	R	030RW08 K5PGOGY	M 031TF			07780052		00827	-304		B JS	
SUSAP	KFRHK5FR08	R	040WISMIK5EA0EYM	R010DF				+ 03500				B JS	
SUSAP	KFRHK5FR08	R	050WISMIK5EA0EE	HR020HM			07770040	+ 03500				B JS	

[illegible]

CITY AND STATE FRENCH LICK, IN	ELEVATION: 792 TDZE: 792 AIRPORT NAME: FRENCH LICK MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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SUSAP KFRHK5SRW08 K5PG

0 18018002325

M

CITY AND STATE

FRENCH LICK, IN

ELEVATION: 792

TDZE: 792

AIRPORT NAME:

FRENCH LICK MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JANRY	JANRY	010		IF		FB				
	JANRY	OJFOS	020	IAF	TF		FB	2.0	198.3 (196T)	018.9	03500
	JANRY	WISMI	030		TF		FB	1.0	167.7 (166T)	005.0	03500
	SACKO	SACKO	010		IF		FB				
	SACKO	NIJTI	020	IAF	TF		FB	2.0	321.7 (320T)	009.4	03500
	SACKO	WISMI	030		TF		FB	1.0	347.8 (346T)	005.0	03500
	WISMI	WISMI	010		HF	R	FB		077.7 (076T)	004.0	03500
		WISMI	010	FACF	IF		FB				03500
		FORBS	020	FAF	TF		FB	0.5	077.7 (076T)	006.2	02500
		RW08	030	MAP	TF		FO	0.3	077.8 (076T)	005.2	00827

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WISMI	040		DF	R	FO	1.0			03500
	WISMI	050		HM	R	FO	2.0	077.7 (076T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FORBS	N382859.77	W0864510.40	N3828.996	W08645.173
	JANRY	N385029.12	W0864737.24	N3850.485	W08647.621
	NIJTI	N382237.24	W0865115.63	N3822.621	W08651.261
	OJFOS	N383219.35	W0865423.78	N3832.323	W08654.396
	SACKO	N381527.29	W0864331.97	N3815.455	W08643.533
	WISMI	N382728.31	W0865249.60	N3827.472	W08652.827
	RW08	N383015.78	W0863846.56	N3830.263	W08638.776

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00791	36

CITY AND STATE
FRENCH LICK, IN

ELEVATION: 792 TDZE: 792
 AIRPORT NAME:
 FRENCH LICK MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 8, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE APR 10 2008

CITY AND STATE FRENCH LICK, IN	ELEVATION: 792 TDZE: 792	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 8, ORIG-A, 04/10/2008	SUP
	AIRPORT NAME:			AMDT ORIG
	FRENCH LICK MUNI			DATE 4 NOV 99

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS: STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TERRAIN 59' FROM DER, 86' LEFT OF CENTERLINE, 0' AGL/799' MSL. TREES BEGINNING 184' FROM DER, 391' LEFT OF CENTERLINE, UP TO 100' AGL/889' MSL. TREES BEGINNING 215' FROM DER, 148' RIGHT OF CENTERLINE, UP TO 100' AGL/849' MSL.

NOTE: RWY 26, TREES BEGINNING 429' FROM DER, 90' LEFT OF CENTERLINE, UP TO 100' AGL/849' MSL. TREES BEGINNING 580' FROM DER, 57' RIGHT OF CENTERLINE, UP TO 100' AGL/909' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

FRENCH LICK, IN

(6) Airport

FRENCH LICK MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				MAP: 7.40 MILES AFTER HYK VORTAC OR AT MAJEL/HYK 7.40 DME FIX
				CLIMB TO 3100 THEN LEFT TURN DIRECT HYK VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 304.00 INBOUND. CHART FAS OBST: 1167 BLDG 380048N/0843309W CHART 1219 TOWER 380008N/0843133W. FAC CROSSES 992 FEET RIGHT OF MIDPOINT OF RWY 4/22. CHART APT ELEVATION 979.

1. PT R SIDE OF COURSE 123.79 OUTBOUND 3100 FT WITHIN 10 MILES OF HYK VORTAC (IAF)
 2. _____
 3. FAC 303.79 FAF HYK VORTAC DIST FAF TO MAP 7.40 THLD _____
 4. MIN. ALT HYK VORTAC 3100, IMRIC/5.00 DME 1540*1620 WHEN USING CAPITAL CITY ALTIMETER SETTING
 8. MSA FROM: HYK VORTAC 3100

MAG VAR: 0E

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			STANDARD @						
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1540	1	561	1540	1	561	1540	1 1/2	561	1540	2	561			
IMRIC DME FIX MINIMUMS															
CIRCLING	1460	1	481	1460	1	481	1460	1 1/2	481	1540	2	561			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPITAL CITY ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LEXINGTON, KY	ELEVATION: 979 TDZE: AIRPORT NAME: BLUE GRASS	FACILITY IDENTIFIER: HYK	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 9A APR 10 2008	SUP AMDT 9 DATE 07/05/2007
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QUALITY
1
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
WIPB/12.24 DME/RADAR (IF)	BOGLY/6.19 DME/RADAR	177.26 / 6.05 (I-NEW)	1700	ILS: DA LOC: 4.46 MILES AFTER BOGLY/6.19 DME/RADAR OR AT ETOSE/-NEW 1.74 DME FIX CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2100 VIA HRV VORTAC R-016 TO SNAKI INT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 262.00 INBOUND. CHART FAS OBST: 50 BOAT 300332N/0900148W CHART 10 PIER 300311N/0900148W. CHART IN PLANVIEW: PCU VOR/DME R-193 AT SNAKI.

- PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
- PROFILE STARTS AT WIPB
- FAC: 177.26 FAF: BOGLY/6.19 DME/RADAR DIST FAF TO MAP: 4.46 THLD: 5.09
- MIN. ALT: WIPB 1700, BOGLY 1700
- DIST TO THLD FROM OM: 5.09 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 971
- MIN GS INCPT: 1700 GS ALT AT: BOGLY/6.19 DME/RADAR 1700 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 48.4
- MSA FROM: HRV VORTAC 2100

MAG VAR: 2E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A			ILS: STANDARD #			LOC: STANDARD @		
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18R	258	3/4	250	258	3/4	250	258	3/4	250	258	3/4	250			
S-LOC 18R	300	1	292	300	1	292	300	1	292	300	1	292			
CIRCLING	520	1	512	520	1	512	520	1 1/2	512	660	2	652			

NOTES:
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: RADAR REQUIRED
 CHART NOTE: DME OR RADAR REQUIRED.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL
 SEE 8260-10

CAT D 700-2
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE NEW ORLEANS, LA	ELEVATION: 8 TDZE: 8 AIRPORT NAME: LAKEFRONT	FACILITY IDENTIFIER: I-NEW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 18R, ORIG APR 10 2008	SUP: AMDT: NONE DATED
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**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29**

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NOTES CONT.

ALTIMETER SETTING AND INCREASE DA 29 FEET AND ALL MDA'S 40 FEET, INCREASE S-ILS 18R VISIBILITY
ALL CATS 1/4 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE NEW ORLEANS, LA	ELEVATION: 8 TDZE: 8 AIRPORT NAME: LAKEFRONT	FACILITY IDENTIFIER: I-NEW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 18R, ORIG APR 10 2008	SUP: AMDT: NONE 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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18R CLIMB TO 2100 DIRECT WUDON AND LEFT TURN VIA 081.56 TRACK TO MORLE AND VIA 356.22 TRACK TO SNAKI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 262.35 INBOUND. CHART FAS OBST: 50 BOAT 300332N/0900148W DISTANCE TO THLD FROM 324 HAT: 0.87 NM. CHART VDP AT 1.83 MILES TO RW18R* *LNAV ONLY. WAAS CHANNEL # 61302 REFERENCE PATH ID: W18A											
WIPB (IF)	BOGLY (FB)	177.26 / 6.05	1700												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WIPB 3. FAC: <u>177.26</u> FAF: <u>BOGLY</u> DIST FAF TO MAP: <u>5.09</u> THLD: <u>5.09</u> 4. MIN. ALT: <u>WIPB 1700, BOGLY 1700</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>BOGLY</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>48.4</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW18R 2100</u>				MAG VAR: 2E 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	332	1 1/4	324	332	1 1/4	324	332	1 1/4	324	332	1 1/4	324			
LNAV/VNAV DA	524	1 3/4	516	524	1 3/4	516	524	1 3/4	516	524	1 3/4	516			
LNAV MDA	640	1	632	640	1	632	640	1 3/4	632	640	2	632			
CIRCLING	640	1	632	640	1	632	640	1 3/4	632	660	2	652			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL. ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE				ELEVATION: 8 TDZE: 8		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
NEW ORLEANS, LA				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 18R, AMDT 1				AMDT: ORIG			
				LAKEFRONT				APR 10 2008				DATED 12/21/2006			

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

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NOTES CONT.**CHART PLANVIEW NOTE: RADAR REQUIRED**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING AND INCREASE ALL DAS 29 FEET AND ALL MDAS 40 FEET. INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE. INCREASE LNAV AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING LOUIS ARMSTRONG NEW ORLEANS INTL ALTIMETER SETTING.

CITY AND STATE

NEW ORLEANS, LA

ELEVATION: 8

TDZE: 8

AIRPORT NAME:

LAKEFRONT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18R, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG

DATED: 12/21/2006

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KNEW
RUNWAY RW18R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 300307.7610N
LTP/FTP LONGITUDE 0900147.6720W
LTP/FTP ELLIPSOIDAL HEIGHT -00245
FPAP LATITUDE 300138.4500N
FPAP LONGITUDE 0900146.3400W
THRESHOLD CROSSING HEIGHT (TCH) 00048.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

15F85CC2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +00019
FPAP ORTHOMETRIC HEIGHT +00019

CITY AND STATE
NEW ORLEANS, LA

ELEVATION: 8 TDZE: 8
AIRPORT NAME:
LAKEFRONT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18R, AMDT 1
APR 10 2008

SUP:
AMDT: ORIG
DATED: 12/21/2006

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[illegible][illegible][illegible]

CITY AND STATE NEW ORLEANS, LA	ELEVATION: 8 TDZE: 8 AIRPORT NAME: LAKEFRONT	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18R, AMDT 1 APR 10 2008	SUP:
				AMDT: ORIG
				DATED: 12/21/2006

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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0 18018002125

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CITY AND STATE

NEW ORLEANS, LA

ELEVATION: 8 TDZE: 8

AIRPORT NAME:

LAKEFRONT

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18R, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG

DATED: 12/21/2006



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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		WIPIB	010	FACF	IF		FB				
		BOGLY	020	FAF	TF		FB	0.5	177.3 (179T)	006.1	01700
		RW18R	030	MAP	TF		FO	0.3	177.3 (179T)	005.1	00054

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WUDON	040		DF		FB	1.0			
	MORLE	050		TF	L	FB	1.0	081.6 (084T)		
	SNAKI	060		TF		FO	1.0	356.2 (358T)		02100
	SNAKI	070		HM	R	FO	2.0	262.4 (264T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOGLY	N300814.13	W0900152.22	N3008.236	W09001.870
	MORLE	N295858.38	W0895258.02	N2958.973	W08952.967
	SNAKI	N300858.52	W0895319.49	N3008.975	W08953.325
	WIPIB	N301417.68	W0900157.64	N3014.295	W09001.961
	WUDON	N295807.06	W0900143.21	N2958.118	W09001.720
	RW18R	N300307.76	W0900147.67	N3003.129	W09001.795

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18R	00006		48

CITY AND STATE
NEW ORLEANS, LA

ELEVATION: 8 TDZE: 8
 AIRPORT NAME:
 LAKEFRONT

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18R, AMDT 1
 APR 10 2008

SUP:
 AMDT: ORIG
 DATED: 12/21/2006



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: NA _____

CATEGORY =====>

A

B

C

D

E

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

NOTES:

APR 10 2008

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE

NEW ORLEANS, LA

ELEVATION: 8

TDZE: 8

AIRPORT NAME:

LAKEFRONT

FACILITY

IDENTIFIER:

HRV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 18R, AMDT 4A, 01/18/2007

SUP

AMDT

4

DATE

5/12/96

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 1,694' FROM DER, 629' LEFT OF CENTERLINE, UP TO 80' AGL/289' MSL.

NOTE: RWY 33, TREES BEGINNING 1,071' FROM DER, 759' RIGHT OF CENTERLINE, UP TO 80' AGL/259' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BANGOR, ME

(6) Airport

BANGOR INTL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YULNU	JAMAG (FB)	141.35 / 8.76	3000	LNAV: RW08
HIC VOR/DME	HIKAS (FB)	292.58 / 43.09	3000	
MBL VOR/DME	FINOB (FO)	222.63 / 29.56	3000	CLIMB TO 3000 DIRECT CEYNA AND VIA 152.31 TRACK TO WELKO AND HOLD.
JAMAG (IAF)	FINOB (NOPT) (FB)	163.78 / 5.00	3000	
HIKAS (IAF)	FINOB (NOPT) (FB)	343.84 / 5.00	3000	ADDITIONAL FLIGHT DATA: HOLD S, RT, 355.03 INBOUND. CHART FAS OBST: 835 STACK 435626N/0862624W ZEKOP TO RW08: 3.05/30.
FINOB (IF/IAF)	ZEKOP (FB)	073.81 / 6.97	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W FINOB, RT, 073.81 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 073.91 FAF: ZEKOP DIST FAF TO MAP: 5.65 THLD: 5.65
- MIN. ALT: FINOB 3000, ZEKOP 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW08 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
LNAV MDA	1140	1	497	1140	1	497	1140	1 1/4	497	1140	1 1/2	497			
CIRCLING	1160	1	514	1160	1	514	1200	1 1/2	554	1300	2	654			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YULNU VIA V55 NORTHWESTBOUND, AND ARRIVALS AT MBL VOR/DME VIA V271 NORTHBOUND, AND ARRIVALS ON HIC VOR/DME AIRWAY RADIALS 303 CW 332.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LUDINGTON, MI	ELEVATION: 646 TDZE: 643 AIRPORT NAME: MASON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, ORIG APR 10 2008	SUP: AMDT: NONE 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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSKEGON COUNTY ALTIMETER SETTING AND INCREASE ALL MDA'S 120 FEET, INCREASE LNAV AND CIRCLING VISIBILITY CAT C/D 1/2 MILE.

CITY AND STATE LUDINGTON, MI	ELEVATION: 646 TDZE: 643	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, ORIG APR 10 2008	SUP:
	AIRPORT NAME: MASON COUNTY			AMDT: NONE
	DATED:			

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

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

CITY AND STATE LUDINGTON, MI	ELEVATION: 646 TDZE: 643 AIRPORT NAME: MASON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

1523	+ 03000
35500040	+ 03000

B JS
B JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901	23456789012	34567890123	45678901234	56789012345	67890123456	78901234567	89012345678	90123456789	01234567890	12345678901	23456789012	34567890123

SUSAP KLDMK5GRW08 0050030740 N43573341W086244844+0100 +9160200641000040075R

[illegible]

SUSAP KLDMK5SRW08 K5PG 0 18018002625

M

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 8, ORIG
APR 10 2008

SUP: _____
AMDT: **NONE**
DATED: _____

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIC	HIC	010		IF		FB				
	HIC	HIKAS	020	IAF	TF		FB	2.0	292.6(290T)	043.1	03000
	HIC	FINOB	030		TF		FB	1.0	343.8(341T)	005.0	03000
	MBL	MBL	010		IF		FB				
	MBL	FINOB	020		TF		FO	2.0	222.6(220T)	029.6	03000
	MBL	FINOB	030		HF	R	FO		073.8(071T)	004.0	03000
	YULNU	YULNU	010		IF		FB				
	YULNU	JAMAG	020	IAF	TF		FB	2.0	141.4(138T)	008.8	03000
	YULNU	FINOB	030		TF		FB	1.0	163.8(161T)	005.0	03000
		FINOB	010	FACF	IF		FB				03000
		ZEKOP	020	FAF	TF		FB	1.0	073.8(071T)	007.0	02500
		RW08	030	MAP	TF		FO	0.3	073.9(071T)	005.7	00681

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEYNA	040		DF		FB	1.0			
	WELKO	050		TF		FO	1.0	152.3(149T)		03000
	WELKO	060		HM	R	FO	2.0	355.0(352T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIC	N433429.47	W0854258.18	N4334.491	W08542.970
	MBL	N441614.35	W0861514.54	N4416.239	W08615.242
	CEYNA	N435851.43	W0861934.15	N4358.857	W08619.569
	FINOB	N435325.59	W0864118.86	N4353.427	W08641.314
	HIKAS	N434842.21	W0863902.67	N4348.704	W08639.045
	JAMAG	N435808.92	W0864335.41	N4358.149	W08643.590
	WELKO	N434623.60	W0860921.99	N4346.393	W08609.367
	YULNU	N440442.03	W0865139.18	N4404.701	W08651.653
	ZEKOP	N435542.73	W0863212.24	N4355.712	W08632.204
	RW08	N435733.41	W0862448.44	N4357.557	W08624.807

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW08	00641		40

CITY AND STATE
LUDINGTON, MI

ELEVATION: 646 TDZE: 643
 AIRPORT NAME:
 MASON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 8, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
HIC VOR/DME	PECOF (FB)	338.22 / 31.78	2700	LPV: DA LNAV/VNAV: DA LNAV: RW26 CLIMB TO 2500 DIRECT EMGEF AND HOLD.								
PECOF (IAF)	TULHE (FB)	254.27 / 5.00	2500									
MBL VOR/DME (IAF)	TULHE (FB)	163.22 / 15.43	2500	ADDITIONAL FLIGHT DATA: HOLD W, RT, 073.94 INBOUND. CHART FAS OBST: 737 TREE 435758N/0862252W CHART 1009 TOWER 435816N/0861642W. DISTANCE TO THLD FROM 329 HAT: 0.91 NM. WAAS CHANNEL # 49206 REFERENCE PATH ID: W26A CHART AIRPORT ELEV: 646								
TULHE (IF)	SAYXE (FB)	254.19 / 6.39	2500									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT TULHE 3. FAC: <u>254.09</u> FAF: <u>SAYXE</u> DIST FAF TO MAP: <u>5.61</u> THLD: <u>5.61</u> 4. MIN. ALT: <u>TULHE 2500, SAYXE 2500, JILIN/2.50 NM TO RW26 1480*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>SAYXE 2500</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW26 2600</u>				MAG VAR: 3W EPOCH YEAR: 1985								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	975	1 1/4	329	975	1 1/4	329	975	1 1/4	329	975	1 1/4	329
LNAV/VNAV DA	1020	1 1/4	374	1020	1 1/4	374	1020	1 1/4	374	1020	1 1/4	374
LNAV MDA	1000	1	354	1000	1	354	1000	1	354	1000	1 1/4	354
CIRCLING	1160	1	514	1160	1	514	1200	1 1/2	554	1300	2	654
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING MUSKEGON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 646 TDZE: 646		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
LUDINGTON, MI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 26, ORIG			AMDT: NONE			
		MASON COUNTY				APR 10 2008			DATED			

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

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NOTES CONT.***LNAV ONLY**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MBL VOR/DME VIA V271 NORTHBOUND AND ARRIVALS ON HIC VOR/DME AIRWAY RADIALS 303 CW 027.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MUSKEGON COUNTY ALTIMETER SETTING AND INCREASE DAS AND MDAS 120 FEET AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, INCREASE LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS, INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT C/D VISIBILITY 1/2 MILE.

CITY AND STATE

LUDINGTON, MI

ELEVATION: 646 TDZE: 646

AIRPORT NAME:

MASON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KLDM
RUNWAY RW26
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W26A
LTP/FTP LATITUDE 435749.4905N
LTP/FTP LONGITUDE 0862343.7605W
LTP/FTP ELLIPSOIDAL HEIGHT +01618
FPAP LATITUDE 435720.4800N
FPAP LONGITUDE 0862540.4000W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

880A99BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +01970
FPAP ORTHOMETRIC HEIGHT +01970

CITY AND STATE

LUDINGTON, MI

ELEVATION: 646 TDZE: 646

AIRPORT NAME:

MASON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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[illegible]

CITY AND STATE LUDINGTON, MI	ELEVATION: 646 TDZE: 646 AIRPORT NAME: MASON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

[illegible][illegible]

SUSAP KLDMK5SRW26 K5PG	0	18018002625	M
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PAGE 5 OF 6 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIC	HIC	010		IF		FB				
	HIC	PECOF	020	IAP	TF		FB	2.0	338.2(335T)	031.8	02700
	HIC	TULHE	030		TF		FB	1.0	254.3(251T)	005.0	02500
	MBL	MBL	010	IAP	IF		FB				
	MBL	TULHE	020		TF		FB	1.0	163.2(160T)	015.4	02500
		TULHE	010	FACF	IF		FB				02500
		SAYXE	020	FAF	TF		FB	1.0	254.2(251T)	006.4	02500
		JILIN	021	SDF	TF		FB	0.3	254.1(251T)	003.1	01480
		RW26	030	MAP	TF		FO	0.3	254.1(251T)	002.5	00686

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EMGEF	040		DF		FO	1.0			02500
	EMGEF	050		HM	R	FO	2.0	073.9(071T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIC	N433429.47	W0854258.18	N4334.491	W08542.970
	MBL	N441614.35	W0861514.54	N4416.239	W08615.242
	EMGEF	N435555.67	W0863120.98	N4355.928	W08631.350
	JILIN	N435838.26	W0862027.33	N4358.638	W08620.456
	PECOF	N440319.25	W0860126.28	N4403.321	W08601.438
	SAYXE	N435938.75	W0861623.04	N4359.646	W08616.384
	TULHE	N440142.72	W0860800.09	N4401.712	W08608.002
	RW26	N435749.49	W0862343.76	N4357.825	W08623.729

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00646	40

CITY AND STATE LUDINGTON, MI	ELEVATION: 646 TDZE: 646	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, ORIG APR 10 2008	SUP:
	AIRPORT NAME: MASON COUNTY			AMDT: NONE
	DATED:			

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

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 APR 10 2008																
CITY AND STATE LUDINGTON, MI		ELEVATION: 645 TDZE: 646 AIRPORT NAME: MASON COUNTY					FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 26, ORIG-A, 10/26/2006				SUP GPS RWY 25 AMDT ORIG DATE 04/25/1996			

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, VEHICLE ON ROADWAY 364' FROM DER, ON CENTERLINE, 15' AGL/ 744' MSL. TREES BEGINNING 1,360' FROM DER, 854' LEFT OF CENTERLINE, UP TO 100' AGL/ 825' MSL.

NOTE: RWY 36, VEHICLE ON ROADWAY 579' FROM DER, ON CENTERLINE, 15' AGL/ 759' MSL. TREES BEGINNING 955' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/845' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

ROMEO. MI

(6) Airport

ROMEO STATE

(7) Effective Date

APR 10 2008

(8) Amdt. No.

4

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
INL VORTAC	OBUYE/INL 6.87 DME	310.69 / 6.87	3300	ILS: DA LOC: INL 0.51 DME FIX			
INL VORTAC	GOKPE/INL 14.00 DME	260.00 / 14.00	3300				
INL VORTAC	CIVLU/INL 14.00 DME	071.22 / 14.00	3300	CLIMB TO 3400 DIRECT IN LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3400 VIA INL VORTAC R-130 TO ZAVBA/INL 14.00 DME AND HOLD SE, RT, 309.51 INBOUND.			
GOKPE/INL 14.00 DME CW (IAF)	HODEV/INL 14.00 DME (NOPT)	14.00 DME ARC (INL LR-302)	3300				
CIVLU/INL 14.00 DME CCW (IAF)	HODEV/INL 14.00 DME (NOPT)	14.00 DME ARC (INL LR-319)	3300	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.91 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE ZAVBA/INL 14.00 DME, RT, 309.51 INBOUND. CHART FAS OBST: 1430 TOWER 483553N/0932703W CHART INL R-071 AT CIVLU. CHART INL R-260 AT GOKPE. CHART IN PLANVIEW: ZAVBA/INL 14.00 DME.			
HODEV/INL 14.00 DME (IF)	OBUYE/INL 6.87 DME	132.89 / 7.13	3300				

1. PT <u>L</u> SIDE OF COURSE <u>312.89</u> OUTBOUND <u>3300</u> FT WITHIN <u>10</u> MILES OF <u>OBUYE/INL 6.87 DME</u> (IAF)	
2. _____	
3. FAC: <u>132.89</u> FAF: <u>OBUYE/INL 6.87 DME</u> DIST FAF TO MAP: _____ THLD: <u>6.37</u>	
4. MIN. ALT: <u>HODEV 3300, OBUYE 3300</u>	
5. DIST TO THLD FROM OM: <u>6.37</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1050</u>	
6. MIN GS INCPT: <u>3300</u> GS ALT AT: <u>OBUYE/INL 6.87 DME 3300</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>49.6</u>	
8. MSA FROM: <u>INL VORTAC 3200</u>	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: #	LOC: STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 13	1384	1/2	200	1384	1/2	200	1384	1/2	200	1384	1/2	200			
S-LOC 13	1820	1/2	636	1820	1/2	636	1820	1 1/4	636	1820	1 1/2	636			
CIRCLING	1820	1	635	1820	1	635	1820	1 3/4	635	1820	2	635			

NOTES:

CHART NOTE: CIRCLING TO RWY 4-22 NA AT NIGHT.

CHART NOTE: DME FROM INL VORTAC. SIMULTANEOUS RECEPTION OF I-ABK AND INL DME REQUIRED.

CHART NOTE: ADF REQUIRED.

CHART PLANVIEW NOTE: DME REQUIRED.

SEE 8260-10

CAT A, B, C, D 700-2

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1185 TDZE: 1184	FACILITY IDENTIFIER: I-ABK	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
INTERNATIONAL FALLS, MN	AIRPORT NAME: FALLS INTL		ILS OR LOC/DME RWY 13, AMDT 1	AMDT: ORIG
			APR 10 2008	DATED 11/23/2006

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE DAS 127 FEET AND S-ILS 13 VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDAS 140 FEET AND S-LOC 13 CAT B VISIBILITY 1/4 MILE, CAT C AND D 1/2 MILE, INCREASE CIRCLING CAT B VISIBILITY 1/4 MILE, CAT C AND D 1/2 MILE. FOR INOPERATIVE MALSR WHEN USING BAUDETTE ALTIMETER SETTING, INCREASE S-ILS 13 VISIBILITY 1/2 MILE ALL CATS.

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1184

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:

I-ABK

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 13, AMDT 1

APR 10 2008

SUP:

AMDT: ORIG

DATED: 11/23/2006

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3400 DIRECT ZAVBA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.08 INBOUND. CHART FAS OBST: 1236 TREE 483424N/0932504W CHART FAS OBST: 1435 TOWER 483620N/0932650W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.64 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 53706 REFERENCE PATH ID: W13A CHART WAAS SYMBOL	
INL VORTAC	HODEV (FO)	313.30 / 14.00	3300		
KRANG	TAYUD (FB)	117.54 / 34.65	3300		
CUTTLL	UNEYA (FB)	255.66 / 16.97	3300		
TAYUD (IAF)	HODEV (NOPT) (FB)	042.67 / 5.00	3300		
UNEYA (IAF)	HODEV (NOPT) (FB)	222.81 / 5.00	3300		
HODEV (IF/IAF)	OBUYE (FB)	132.74 / 7.13	3300		
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW HODEV, RT, 132.74 INBOUND, 3300 FT. IN LIEU OF PT (IAF) 3. FAC: 132.81 FAF: OBUYE _____ DIST FAF TO MAP: 6.37 THLD: 6.37 4. MIN. ALT: HODEV 3300, OBUYE 3300 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3300 GS ALT AT: OBUYE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 49.6 34:1 IS CLEAR 8. MSA FROM: RW13 3200				MAG VAR: 3E EPOCH YEAR: 1985	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @
CATEGORY ==>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1434	1/2	250	1434	1/2
LNAV/VNAV DA	1669	1 1/4	485	1669	1 1/4
LNAV MDA	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
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	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
	1434	1/2	250	1434	1/2
	1669	1 1/4	485	1669	1 1/4
	1760	1/2	576	1760	1/2
	D				

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INL VORTAC VIA AIRWAY RADIALS 329 CW 009.

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE ALL DAS 127 FEET, INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, AND LNAV/VNAV VISIBILITY 3/4 MILE ALL CATS, INCREASE ALL MDAS 140 FEET, INCREASE LNAV CAT C AND D VISIBILITY 1/2 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D VISIBILITY 1/4 MILE. FOR INOPERATIVE MALSR WHEN USING BAUDETTE ALTIMETER SETTING, INCREASE LPV VISIBILITY 1/2 MILE ALL CATS, INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV. VDP NA WHEN USING BAUDETTE ALTIMETER SETTING.

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1184

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KINL
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	483422.2450N
LTP/FTP LONGITUDE	0932445.5580W
LTP/FTP ELLIPSOIDAL HEIGHT	+03304
FPAP LATITUDE	483328.7500N
FPAP LONGITUDE	0932327.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00049.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D11BFA26

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03610
FPAP ORTHOMETRIC HEIGHT	+03610

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1184

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KINLK3FR13	ACUTTL	010CUTTL	CYEA0E	IF						18000		A JS	
SUSAP KINLK3FR13	ACUTTL	020UNEYAC	YEA0E	A 020TF		25570170	+	03300				A JS	
SUSAP KINLK3FR13	ACUTTL	030HODEVC	YEA0EE	L010TFY		22280050	+	03300				A JS	
SUSAP KINLK3FR13	AINL	010INL	K3D 0V	IF						18000		A JS	
SUSAP KINLK3FR13	AINL	020HODEVC	YEA0EY	C 020TF		31330140	+	03300				A JS	
SUSAP KINLK3FR13	AINL	030HODEVC	YEA0EB	CR HF		13270040	+	03300				A JS	
SUSAP KINLK3FR13	AKRANG	010KRANG	CYEA0E	IF						18000		A JS	
SUSAP KINLK3FR13	AKRANG	020TAYUDC	YEA0E	A 020TF		11750347	+	03300				A JS	
SUSAP KINLK3FR13	AKRANG	030HODEVC	YEA0EE	L010TFY		04270050	+	03300				A JS	
SUSAP KINLK3FR13	R	010HODEVC	YEA0E	I IF			+	03300		18000		A JS	
SUSAP KINLK3FR13	R	0200BUYEC	YEA1E	F 051TF		13270071	+	03300			RW13 K3PGA	JS	
SUSAP KINLK3FR13	R	0200BUYEC	YEA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP KINLK3FR13	R	030RW13	K3PGOG	M 031TF		13280064		01234		-300		A JS	
SUSAP KINLK3FR13	R	040ZAVBAK	3EA0EYM	010DF			+	03400				A JS	
SUSAP KINLK3FR13	R	050ZAVBAK	3EA0EE	HR020HM		31310040	+	03400				A JS	

CITY AND STATE INTERNATIONAL FALLS, MN	ELEVATION: 1185 TDZE: 1184 AIRPORT NAME: FALLS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUTTTL	CUTTTL	010		IF		FB				
	CUTTTL	UNEYA	020	IAF	TF		FB	2.0	255.7 (259T)	017.0	03300
	CUTTTL	HODEV	030		TF	L	FB	1.0	222.8 (226T)	005.0	03300
	INL	INL	010		IF		FB				
	INL	HODEV	020		TF		FO	2.0	313.3 (316T)	014.0	03300
	INL	HODEV	030		HF	R	FO		132.7 (136T)	004.0	03300
	KRANG	KRANG	010		IF		FB				
	KRANG	TAYUD	020	IAF	TF		FB	2.0	117.5 (121T)	034.7	03300
	KRANG	HODEV	030		TF	L	FB	1.0	042.7 (046T)	005.0	03300
		HODEV	010	FACF	IF		FB				03300
		OBUYE	020	FAF	TF		FB	0.5	132.7 (136T)	007.1	03300
		RW13	030	MAP	TF		FB	0.3	132.8 (136T)	006.4	01234

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZAVBA	040		DF		FO	1.0			03400
	ZAVBA	050		HM	R	FO	2.0	313.1 (316T)	004.0	03400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	INL	N483356.87	W0932420.44	N4833.948	W09324.341
	CUTTTL	N485054.65	W0930822.51	N4850.911	W09308.375
	HODEV	N484402.75	W0933857.15	N4844.046	W09338.953
	KRANG	N485817.83	W0942923.24	N4858.297	W09429.387
	OBUYE	N483856.47	W0933127.03	N4838.941	W09331.451
	TAYUD	N484033.41	W0934421.33	N4840.557	W09344.356
	UNEYA	N484731.84	W0933332.22	N4847.531	W09333.537
	ZAVBA	N482357.13	W0930937.05	N4823.952	W09309.618
	RW13	N483422.25	W0932445.56	N4834.371	W09324.759

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW13	01184		50

CITY AND STATE
INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1184
 AIRPORT NAME:
 FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
INL VORTAC	ZAVBA (FO)	132.51 / 14.00	3400	LPV: DA LNAV/VNAV: DA LNAV: RW31	
BEBEL	RAXUE (FB)	049.54 / 7.76	3600	CLIMB TO 3300 DIRECT HODEV AND HOLD.	
RAXUE (IAF)	ZAVBA (NOPT) (FB)	043.00 / 6.15	3400		
TAGUC (IAF)	ZAVBA (NOPT) (FB)	223.24 / 11.92	3400		
ZAVBA (IF/IAF)	HOLIV (FB)	313.08 / 6.53	3400		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 132.74 INBOUND. CHART FAS OBST: 1230 TREE 483320N/0932258W CHART FAS OBST: 1233 TREE 483324N/0932258W DISTANCE TO THLD FROM 296 HAT: 0.79 NM. CHART VDP AT 0.91 MILES TO RW31**LNAV ONLY. WAAS CHANNEL # 78406 REFERENCE PATH ID: W31A CHART WAAS SYMBOL	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE ZAVBA, RT, 313.08 INBOUND, 3400 FT. IN LIEU OF PT (IAF) 3. FAC: 313.00 FAF: HOLIV _____ DIST FAF TO MAP: 6.75 THLD: 6.75 4. MIN. ALT: ZAVBA 3400, HOLIV 3400, BIPSE/3.10 NM TO RW31 2200* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3400 GS ALT AT: HOLIV _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.1 34:1 IS CLEAR 8. MSA FROM: RW31 3200					
				MAG VAR: 3E 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		1462	1/2	296	1462	1/2	296	1462	1/2	296	1462	1/2	296			
LNAV/VNAV DA		1500	3/4	334	1500	3/4	334	1500	3/4	334	1500	3/4	334			
LNAV MDA		1500	1/2	334	1500	1/2	334	1500	1/2	334	1500	1	334			
CIRCLING		1620	1	435	1680	1	495	1680	1 1/2	495	1780	2	595			

NOTES:
 CHART NOTE: CIRCLING TO RWY 4-22 NA AT NIGHT.
 CHART NOTE: BARO-VNAV NA WHEN USING BAUDETTE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

CITY AND STATE INTERNATIONAL FALLS, MN	ELEVATION: 1185 TDZE: 1166 AIRPORT NAME: FALLS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG APR 10 2008	SUP: AMDT: NONE 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.

*RNAV ONLY

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE ALL DAS 127 FEET AND LPV AND RNAV/VNAV VISIBILITY 1/2 MILE ALL CATS, INCREASE ALL MDAS 140 FEET AND RNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE. VDP NA WHEN USING BAUDETTE ALTIMETER SETTING. FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY 1/2 MILE ALL CATS, INOPERATIVE TABLE DOES NOT APPLY TO RNAV CAT D. FOR INOPERATIVE MALSR WHEN USING BAUDETTE ALTIMETER SETTING, INCREASE LPV VISIBILITY 1/2 MILE ALL CATS.

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1166

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KINL
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 483329.8060N
LTP/FTP LONGITUDE 0932329.0090W
LTP/FTP ELLIPSOIDAL HEIGHT +03249
FPAP LATITUDE 483422.2800N
FPAP LONGITUDE 0932445.6200W
THRESHOLD CROSSING HEIGHT (TCH) 00045.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 119.25
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E65C0CEF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +03555
FPAP ORTHOMETRIC HEIGHT +03555

CITY AND STATE
INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1166
AIRPORT NAME:
FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
APR 10 2008

SUP:
AMDT: NONE
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[illegible][illegible]

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KINLK3AINL	0	074YHN48335610W093240780E003001185					1800018000C	MNAR	FALLS INTL				

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KINLK3FR31	ABEBEL	010BEBELK3EA0E	IF						18000		A JS	
SUSAP	KINLK3FR31	ABEBEL	020RAXUEK3EA0E	A 020TF		04950078		+ 03600				A JS	
SUSAP	KINLK3FR31	ABEBEL	030ZAVBAK3EA0EE	L010TFY		04300062		+ 03400				A JS	
SUSAP	KINLK3FR31	AINL	010INL K3D 0V	IF						18000		A JS	
SUSAP	KINLK3FR31	AINL	020ZAVBAK3EA0EY	A 020TF		13250140		+ 03400				A JS	
SUSAP	KINLK3FR31	AINL	030ZAVBAK3EA0EB	CR HF		31310040		+ 03400				A JS	
SUSAP	KINLK3FR31	ATAGUC	010TAGUCK3EA0E	A IF						18000		A JS	
SUSAP	KINLK3FR31	ATAGUC	020ZAVBAK3EA0EE	010TF		22320119		+ 03400				A JS	
SUSAP	KINLK3FR31	R	010ZAVBAK3EA0E	I IF				+ 03400		18000		A JS	
SUSAP	KINLK3FR31	R	020HOLIVK3EA1E	F 051TF		31310065		+ 03400			RW31	K3PGA JS	
SUSAP	KINLK3FR31	R	020HOLIVK3EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KINLK3FR31	R	021BIPSEK3EA0E	S 031TF		31300037		V 0220002208		-300		A JS	
SUSAP	KINLK3FR31	R	030RW31 K3PGOGY	M 031TF		31300031		01211		-300		A JS	
SUSAP	KINLK3FR31	R	040HODEVCYEA0EYM	010DF				+ 03300				A JS	
SUSAP	KINLK3FR31	R	050HODEVCYEA0EE	HR020HM		13270040		+ 03300				A JS	

CITY AND STATE INTERNATIONAL FALLS, MN	ELEVATION: 1185 TDZE: 1166 AIRPORT NAME: FALLS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

	SUSAP KINLK3GRW31	0074003129	N48332981W093232901+0200	+0324901166000045150R									

PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KINLK3PR31	RW31 001	0000W31A0N4833298060W09323290090+032490300N4834222800W09324456200119250000000451F400500E65C0CEF										
	SUSAP KINLK3PR31	RW31 002	+03555+03555LPV	78406	000								

MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KINLK3SRW31	K3PG	0	18018003225	M								

CITY AND STATE
INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1166
AIRPORT NAME:
FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BEBEL	BEBEL	010		IF		FB				
	BEBEL	RAXUE	020	IAF	TF		FB	2.0	049.5 (053T)	007.8	03600
	BEBEL	ZAVBA	030		TF	L	FB	1.0	043.0 (046T)	006.2	03400
	INL	INL	010		IF		FB				
	INL	ZAVBA	020	IAF	TF		FO	2.0	132.5 (136T)	014.0	03400
	INL	ZAVBA	030		HF	R	FO		313.1 (316T)	004.0	03400
	TAGUC	TAGUC	010	IAF	IF		FB				
	TAGUC	ZAVBA	020		TF		FB	1.0	223.2 (226T)	011.9	03400
		ZAVBA	010	FACF	IF		FB				03400
		HOLIV	020	FAF	TF		FB	0.5	313.1 (316T)	006.5	03400
		BIPSE	021	SDF	TF		FB	0.3	313.0 (316T)	003.7	02200
		RW31	030	MAP	TF		FO	0.3	313.0 (316T)	003.1	01211

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HODEV	040		DF		FO	1.0			03300
	HODEV	050		HM	R	FO	2.0	132.7 (136T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	INL	N483356.87	W0932420.44	N4833.948	W09324.341
	BEBEL	N481458.58	W0932529.12	N4814.976	W09325.485
	BIPSE	N483116.27	W0932014.34	N4831.271	W09320.239
	HODEV	N484402.75	W0933857.15	N4844.046	W09338.953
	HOLIV	N482839.10	W0931625.76	N4828.652	W09316.429
	RAXUE	N481941.12	W0931615.42	N4819.685	W09316.257
	TAGUC	N483212.33	W0925641.60	N4832.206	W09256.693
	ZAVBA	N482357.13	W0930937.05	N4823.952	W09309.618
	RW31	N483329.81	W0932329.01	N4833.497	W09323.484

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01166	45

CITY AND STATE
INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1166
 AIRPORT NAME:
 FALLS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 31, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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1. PT <u>L</u> SIDE OF COURSE <u>132.66</u> OUTBOUND <u>3300</u> FT WITHIN <u>10</u> MILES OF <u>IN LOM</u> (IAF)	MAG VAR: 3E	EPOCH YEAR: 1985
2. _____		
3. FAC <u>312.66</u> FAF <u>IN LOM</u> DIST FAF TO MAP <u>6.46</u> THLD <u>6.46</u>		
4. MIN. ALT <u>IN LOM 3300</u>		
8. MSA FROM: <u>IN LOM 2800</u>		

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		X						
CATEGORY =====>	A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-31	1700	3/4	534	1700	3/4	534	1700	1	534	1700	1 1/2	534						
CIRCLING	1700	1	515	1700	1	515	1700	1 1/2	515	1780	2	595						

CITY AND STATE INTERNATIONAL FALLS, MN	ELEVATION: 1185 TDZE: 1166	FACILITY IDENTIFIER: IN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 31, AMDT 9 APR 10 2008	SUP NDB OR GPS RWY 31
	AIRPORT NAME:			AMDT 8
	FALLS INTL			DATE 05/20/1999

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: INL VORTAC							
												CLIMB TO 2900 THEN RIGHT TURN DIRECT INL VORTAC AND HOLD.							
												ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.00 INBOUND. CHART FAS OBST: 1512 TOWER 483725N/0933220W CHART VDP AT 2.52 DME; DISTANCE VDP TO THLD 2.02 MILES. CHART TDZE 1184. FAC CROSSES RWY C/L EXTENDED 5018 FROM THLD.							
1. PT <u>L</u> SIDE OF COURSE <u>314.00</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>INL VORTAC</u> (IAF)																			
2. _____																			
3. FAC <u>134.00</u> FAF _____ DIST FAF TO MAP _____ THLD _____																			
4. MIN. ALT _____																			
8. MSA FROM: <u>INL VORTAC 3200</u>										MAG VAR: 6E EPOCH YEAR: 1965									
MINIMUMS																			
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				STANDARD @					
CATEGORY =====>		A			B			C			D			E					
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-13		1880	1/2	696	1880	1/2	696	1880	1 1/2	696	1880	1 3/4	696						
CIRCLING		1880	1	695	1880	1	695	1880	2	695	1880	2 1/4	695						
NOTES:																			
CHART NOTE: CIRCLING TO RWY 4-22 NA AT NIGHT.										@ CAT D 800-2 1/4									
CHART NOTE: VDP NA WHEN USING BAUDETTE ALTIMETER SETTING.										@ NA WHEN LOCAL WEATHER NOT AVAILABLE.									
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET, AND S-13 CATS A/B VISIBILITY 1/4 MILE, CATS C/D VISIBILITY 1/2 MILE. INCREASE SEE 8260-10																			
CITY AND STATE INTERNATIONAL FALLS, MN				ELEVATION: 1185 TDZE: 1184 AIRPORT NAME: FALLS INTL				FACILITY IDENTIFIER: INL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 13, AMDT 14 APR 10 2008				SUP VOR OR GPS RWY 13 AMDT 13A DATE 09/07/2000					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CIRCLING CAT B VISIBILITY 1/4 MILE, CAT C AND D 1/2 MILE. FOR INOPERATIVE MALSR WHEN USING BAUDETTE ALTIMETER SETTING, INCREASE S-13 CAT A VISIBILITY 1/4 MILE.

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1184

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:
INL

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 13, AMDT 14

APR 10 2008

SUP: VOR OR GPS RWY
13

AMDT: 13A

DATED: 09/07/2000

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, TREE 392' FROM DER, 311' LEFT OF CENTERLINE, 51' AGL/1,231' MSL. NOTE: RWY 13, MULTIPLE TREES BEGINNING 1,999' FROM DER, 773' LEFT OF CENTERLINE, UP TO 63' AGL/1,233' MSL. POLE 1,091' FROM DER, 703' RIGHT OF CENTERLINE, 37' AGL/1,207' MSL. ROAD 1,005' FROM DER, 766' LEFT OF CENTERLINE, 15' AGL/1,195' MSL. NOTE: RWY 22, MULTIPLE TREES BEGINNING 433' FROM DER, 273' LEFT OF CENTERLINE, UP TO 33' AGL/1,213' MSL. TREES 1,144' FROM DER, 136' RIGHT OF CENTERLINE, 28' AGL/1,208' MSL. NOTE: RWY 31, TREES 968' FROM DER, 752' LEFT OF CENTERLINE, 56' AGL/1,236' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State INTERNATIONAL FALLS, MN	(6) Airport FALLS INTL	(7) Effective Date APR 10 2008	(8) Amdt. No. 3
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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
GROVZ INT/INN 18.46 DME (IAF)	WULAM INT/INN 15.59 DME	299.34 / 2.87	6000*	ILS: DA LOC: 6.55 MILES AFTER JACKO INT/INN 6.72 DME/RADAR OR AT I-INN 0.19 DME FIX CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 040 AND GEP VORTAC R-085 TO WHISK INT/17.46 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 5500 VIA HEADING 060 AND FGT VORTAC R-011 TO WHISK/31.95 DME AND HOLD N, RT, 191.00 INBOUND. (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD E, RT, 265.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N WHISK/31.95 DME, RT, 191.00 INBOUND. CHART FAS OBST: 1111 TANK 445208N/0930852W CHART 1065 TOWER 444952N/0930253W. CHART 1150 TANK 444917N/0930307W. CHART VDP AT 1.58 DME; DISTANCE VDP TO THLD 1.41 MILES.
WULAM INT/INN 15.59 DME	BONNA INT/INN 12.68 DME	299.34 / 2.91	5000*	
BONNA INT/INN 12.68 DME (IF)	SAMMZ INT/INN 9.72 DME	299.34 / 2.96	4000*	
SAMMZ INT/INN 9.72 DME	JACKO INT/INN 6.72 DME/RADAR	299.34 / 3.00	3000	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT GROVZ
- FAC: 299.34 FAF: JACKO INT/INN 6.72 DME/RADAR DIST FAF TO MAP: 6.55 THLD: 6.55
- MIN. ALT: GROVZ 7000, WULAM 6000*, BONNA 5000*, SAMMZ 4000*, JACKO 3000
- DIST TO THLD FROM OM: 6.55 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1025
- MIN GS INCPT: 3000 GS ALT AT: JACKO 3000 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 55.0
- MSA FROM: GEP VORTAC 180-270 2700, 270-180 3500

MAG VAR: 2E

EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @			
CATEGORY		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 30R		1073	4000	250	1073	4000	250	1073	4000	250	1073	4000	250	1073	4000	250
S-LOC 30R		1340	5000	517	1340	5000	517	1340	1 1/2	517	1340	1 3/4	517	1340	1 3/4	517
CIRCLING		1360	1	519	1360	1	519	1360	1 1/2	519	1460	2	619	1660	3	819

NOTES:
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 4000 OR 5000 OR 6000.

CAT D 700-2, CAT E 900-3
@ CAT E 900-3

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 841 TDZE: 823 AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN	FACILITY IDENTIFIER: I-INN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 30R, AMDT 12 APR 10 2008	SUP: AMDT: 11A DATED 10/27/2005
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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

COPTER ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

APR 10 2008

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 841 TDZE: 823	FACILITY IDENTIFIER: IINN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: COPTER ILS OR LOC RWY 30R, AMDT 1, 09/29/2005	SUP:
	AIRPORT NAME: MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN			AMDT: ORIG-A
				DATED 06/12/2001

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW13 CLIMB TO 3000 DIRECT EPAME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 314.75 INBOUND. CHART FAS OBST: 1196 TREE 490027N/0952430W CHART VDP AT 1.44 MILES TO RW13. DUSEC TO RW13: 3.04/45. CHART OBST: 1565 TOWER 490048N/0952429W											
ROX VOR/DME	TEVPE (FB)	005.75 / 11.17	3000												
TEVPE (IAF)	HAPKO (NOPT) (FB)	044.37 / 5.00	3000												
JOVIN (IAF)	HAPKO (NOPT) (FB)	224.57 / 9.27	3000												
HAPKO (IF/IAF)	DUSEC (FB)	134.44 / 6.90	2700												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW HAPKO, RT, 134.44 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 134.53 FAF: DUSEC _____ DIST FAF TO MAP: 4.91 THLD: 4.91 4. MIN. ALT: HAPKO 3000, DUSEC 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS CLEAR 8. MSA FROM: RW13 2700				MAG VAR: 4E EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @										
CATEGORY =====>	A		B		C		D	E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1560	1	487	1560	1	487	1560	1 1/4	487	1560	1 1/2	487			
CIRCLING	1560	1	486	1560	1	486	1560	1 1/2	486	1640	2	566			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROX VOR/DME VIA V175 SOUTHEAST BOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: VDP NA WHEN USING ROSEAU ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 1074 TDZE: 1073		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WARROAD, MN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG				AMDT: NONE					
		WARROAD INTL MEMORIAL				APR 10 2008				DATED					

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROSEAU ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET, AND LNAV CAT C AND D VISIBILITIES 1/4 MILE.

CITY AND STATE

WARROAD, MN

ELEVATION: 1074 TDZE: 1073

AIRPORT NAME:

WARROAD INTL MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

DATED:

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

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

SUSAP KRR TK3SRW13 K3PG						0	18018002725					M I		

CITY AND STATE
WARROAD, MN

ELEVATION: 1074 TDZE: 1073
AIRPORT NAME:
WARROAD INTL MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMD T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
APR 10 2008

SUP:
AMD T: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAPKO	HAPKO	010		HF	R	FB		134.4 (138T)	004.0	03000
	JOVIN	JOVIN	010	IAF	IF		FB				
	JOVIN	HAPKO	020		TF		FB	1.0	224.6 (229T)	009.3	03000
	ROX	ROX	010		IF		FB				
	ROX	TEVPE	020	IAF	TF		FB	2.0	005.8 (010T)	011.2	03000
	ROX	HAPKO	030		TF		FB	1.0	044.4 (048T)	005.0	03000
		HAPKO	010	FACF	IF		FB				03000
		DUSEC	020	FAF	TF		FB	0.5	134.4 (138T)	006.9	02700
		RW13	030	MAP	TF		FO	0.3	134.5 (139T)	004.9	01116

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EPAME	040		DF		FO				03000
	EPAME	050		HM	R	FO	2.0	314.8 (319T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ROX	N485117.01	W0954141.83	N4851.284	W09541.697
	DUSEC	N490026.04	W0952610.89	N4900.434	W09526.182
	EPAME	N484712.88	W0950831.71	N4847.215	W09508.529
	HAPKO	N490535.94	W0953308.25	N4905.599	W09533.138
	JOVIN	N491144.31	W0952233.45	N4911.739	W09522.558
	TEVPE	N490216.94	W0953849.41	N4902.282	W09538.824
	RW13	N485645.53	W0952115.14	N4856.759	W09521.252

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW13	01071	45

CITY AND STATE
WARROAD, MN

ELEVATION: 1074 TDZE: 1073
AIRPORT NAME:
WARROAD INTL MEMORIAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
APR 10 2008

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
ROX VOR/DME	FAPAK (FB)	107.90 / 19.61	3000	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT HAPKO AND HOLD.			
BDE VOR/DME	GAYCE (FB)	288.42 / 18.86	3000				
GAYCE (IAF)	EPAME (NOPT) (FB)	224.82 / 5.00	3000	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 134.44 INBOUND. CHART FAS OBST: 1179 TREE 485544N/0952043W CHART FAS OBST: 1218 TANK 485442N/0951911W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.19 MILES TO RW31* *LNAV ONLY. WAAS CHANNEL # 42706 REFERENCE PATH ID: W31A			
FAPAK (IAF)	EPAME (NOPT) (FB)	044.68 / 5.00	3000				
EPAME (IF/IAF)	DULPE (FB)	314.75 / 6.02	3000				

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD SE EPAME, RT, 314.75 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
 3. FAC: 314.67 FAF: DULPE DIST FAF TO MAP: 5.82 THLD: 5.82
 4. MIN. ALT: EPAME 3000, DULPE 3000
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 3000 GS ALT AT: DULPE OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
 8. MSA FROM: RW31 2700

MAG VAR: 4E 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	1324	1/2	250	1324	1/2	250	1324	1/2	250	1324	1/2	250			
LNAV/VNAV DA	1449	3/4	375	1449	3/4	375	1449	3/4	375	1449	3/4	375			
LNAV MDA	1480	1/2	406	1480	1/2	406	1480	3/4	406	1480	1	406			
CIRCLING	1500	1	426	1540	1	466	1540	1 1/2	466	1640	2	566			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING ROSEAU ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROSEAU ALTIMETER SETTING AND INCREASE ALL DAS 36 FEET AND ALL MDAS 40 FEET, AND INCREASE LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITIES
 SEE 8260-10

CITY AND STATE	ELEVATION: 1074 TDZE: 1074	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WARROAD, MN	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 31, ORIG	AMDT: NONE
	WARROAD INTL MEMORIAL		APR 10 2008	DATED

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

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

NOTES CONT.**1/4 MILE.****CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: VDP NA WHEN USING ROSEAU ALTIMETER SETTING.****CHART NOTE: FOR INOPERATIVE MALSR WHEN USING ROSEAU ALTIMETER SETTING INCREASE LPV ALL CATS
VISIBILITY TO 1 MILE.****CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV-VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F).****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROX VOR/DME VIA V175 NORTHBOUND AND ARRIVALS AT
BDE VOR/DME VIA V217 SOUTHEAST BOUND.**

CITY AND STATE

WARROAD, MN

ELEVATION: 1074 TDZE: 1074

AIRPORT NAME:

WARROAD INTL MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRRT
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	485605.5600N
LTP/FTP LONGITUDE	0952021.6400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02989
FPAP LATITUDE	485646.2700N
FPAP LONGITUDE	0952116.1400W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	103.75
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5A654F9D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03271
FPAP ORTHOMETRIC HEIGHT	+03271

CITY AND STATE

WARROAD, MN

ELEVATION: 1074 TDZE: 1074
AIRPORT NAME:

WARROAD INTL MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:



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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

[illegible][illegible]

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BDE	BDE	010		IF		FB				
	BDE	GAYCE	020	IAF	TF		FB	2.0	288.4 (292T)	018.9	03000
	BDE	EPAME	030		TF		FB	1.0	224.8 (229T)	005.0	03000
	EPAME	EPAME	010		HF	R	FB		314.8 (319T)	004.0	03000
	ROX	ROX	010		IF		FB				
	ROX	FAPAK	020	IAF	TF		FB	2.0	107.9 (112T)	019.6	03000
	ROX	EPAME	030		TF		FB	1.0	044.7 (049T)	005.0	03000
		EPAME	010	FACF	IF		FB				03000
		DULPE	020	FAF	TF		FB	0.5	314.8 (319T)	006.0	03000
		RW31	030	MAP	TF		FO	0.3	314.7 (319T)	005.8	01118

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HAPKO	040		DF		FO	1.0			03000
	HAPKO	050		HM	R	FO	2.0	134.4 (138T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BDE	N484322.05	W0943626.27	N4843.368	W09436.438
	ROX	N485117.01	W0954141.83	N4851.284	W09541.697
	DULPE	N485143.87	W0951432.16	N4851.731	W09514.536
	EPAME	N484712.88	W0950831.71	N4847.215	W09508.529
	FAPAK	N484355.09	W0951412.41	N4843.918	W09514.207
	GAYCE	N485030.39	W0950250.26	N4850.507	W09502.838
	HAPKO	N490535.94	W0953308.25	N4905.599	W09533.138
	RW31	N485605.56	W0952021.64	N4856.093	W09520.361

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	01073	45

CITY AND STATE WARROAD, MN	ELEVATION: 1074 TDZE: 1074 AIRPORT NAME: WARROAD INTL MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ROX VOR/DME	ROADD LOM	083.41 / 17.93	3000	MAP: 5.81 MILES AFTER ROADD LOM
BDE VOR/DME (IAF)	CARUV INT (NOPT)	275.00 / 20.96	3000	CLIMB TO 3000 THEN LEFT TURN DIRECT ROADD LOM AND HOLD.
CARUV INT (IF)	ROADD LOM	314.88 / 6.85	3000	ADDITIONAL FLIGHT DATA: HOLD SE, LT, 314.79 INBOUND. CHART FAS OBST: 1219 TOWER 485349N/0951858W ROADD LOM TO RW31: 3.07/35.

1. PT	L	SIDE OF COURSE	134.79	OUTBOUND	3000 FT WITHIN	10 MILES OF	ROADD LOM	(IAF)
-------	---	----------------	--------	----------	----------------	-------------	-----------	-------

2.

3.FAC	314.79	FAF ROADD LOM	DIST FAF TO MAP	5.81	THLD	5.81
-------	--------	---------------	-----------------	------	------	------

4. MIN. ALT ROADD LOM 3000

4. MIN. ALT ROAD LOM 3000

8. MSA FROM: ROADD LOM 2700

MAG VAR: 4E

EPOCH YEAR:1995

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	X
----------	----------	---	--	---------------	---

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-31	1540	3/4	466	1540	3/4	466	1540	3/4	466	1540	1 1/4	466			
CIRCLING	1540	1	466	1540	1	466	1540	1 1/2	466	1640	2	566			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROSEAU ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET AND INCREASE S-31 CAT C VISIBILITY 1/4 MILE.

CITY AND STATE WARROAD, MN	ELEVATION: 1074 TDZE: 1074 AIRPORT NAME: WARROAD INTL MEMORIAL	FACILITY IDENTIFIER: SW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 31, AMDT 2 APR 10 2008	SUP NDB OR GPS RWY
				31
				AMDT 1B
				DATE 02/21/2002

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 04, 22 NA - ENVIRONMENTAL.

RWY 13, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State

WARROAD, MN

(6) Airport

WARROAD INTL MEMORIAL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CETDA	NERAE (FB)	074.58 / 8.11	2000	LNAV: RW23 CLIMBING RIGHT TURN TO 2000 DIRECT CETDA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 081.53 INBOUND. CHART FAS OBST: 509 TREE 311836N/0894627W NATVE TO RW23: 3.03/40 CHART HATTIESBURG-LAURAL AWOS-3 128.325
LBY VORTAC (IAF)	NERAE (NOPT) (FB)	265.60 / 16.24	2000	
NERAE (IF/IAF)	NATVE (FB)	233.83 / 6.10	1500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE NERAE, RT, 233.83 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 233.78 FAF: NATVE DIST FAF TO MAP: 3.72 THLD: 3.72
- MIN. ALT: NERAE 2000, NATVE 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW23 2100

MAG VAR: 0E

EPOCH YEAR: 2005

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒										
CATEGORY	=====	A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		840	1	575	840	1	575	840	1 1/2	575	840	1 3/4	575			
CIRCLING		840	1	575	840	1	575	840	1 1/2	575	1040	2 1/2	775			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: USE HATTISBURG-LAURAL REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED, USE HATTISBURG

BOBBY L CHAIN MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LBY VORTAC VIA V543 NORTHEAST BOUND.

CITY AND STATE	ELEVATION: 265 TDZE: 265	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COLUMBIA, MS	AIRPORT NAME:		RNAV (GPS) RWY 23, ORIG	AMDT: NONE
	COLUMBIA-MARION COUNTY		APR 10 2008	DATED

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

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ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	LB	Y	K7011060VTL	N31250726W089201537	N31250726W089201537E005000290	NAREATON							

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	CETDA	K70	W	L	N31214153W089481886		W0004	NAR		CETDA			
SUSAEENRT	NATVE	K70	W		N31201434W089445554		W0004	NAR		NATVE			
SUSAEENRT	NERAE	K70	W		N31235086W089391070		W0004	NAR		NERAE			

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	OR0	K7AOR0	0	044YHN31174923W089484618E000000265	1800018000C	MNAR	COLUMBIA-MARION COUNTY						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	OR0	K7FR23	ACETDA	010CETDAK7EA0E	IF					18000		B	JS
SUSAP	OR0	K7FR23	ACETDA	020NERAEK7EA0E	020TF		07460081	+ 02000				B	JS
SUSAP	OR0	K7FR23	ACETDA	030NERAEK7EA0EB	CR HF		23380040	+ 02000				B	JS
SUSAP	OR0	K7FR23	ALBY	010LB	K7D 0V A IF					18000		B	JS
SUSAP	OR0	K7FR23	ALBY	020NERAEK7EA0EE	010TF		26560162	+ 02000				B	JS
SUSAP	OR0	K7FR23	R	010NERAEK7EA0E	I IF			+ 02000		18000		B	JS
SUSAP	OR0	K7FR23	R	020NATVEK7EA1E	F 051TF		23380061	+ 01500			RW23	K7PGB	JS
SUSAP	OR0	K7FR23	R	020NATVEK7EA2WN		N	ALNAV						JS
SUSAP	OR0	K7FR23	R	030RW23	K7PGOGY M 031TF		23380037	00305		-304		B	JS
SUSAP	OR0	K7FR23	R	040CETDAK7EA0EYM	R010DF			+ 02000				B	JS
SUSAP	OR0	K7FR23	R	050CETDAK7EA0EE	HR020HM		08150040	+ 02000				B	JS

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	OR0	K7GRW23	0044602338	N31180228W089482546-0500	+0053800265000040070R								

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

CITY AND STATE COLUMBIA, MS	ELEVATION: 265 TDZE: 265	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG APR 10 2008	SUP:
	AIRPORT NAME: COLUMBIA-MARION COUNTY			AMDT: NONE
				DATED:



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

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SUSAP 0R0 K7SRW23 K7PG

0 18018002125

M

CITY AND STATE

COLUMBIA, MS

ELEVATION: 265 TDZE: 265

AIRPORT NAME:

COLUMBIA-MARION COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CETDA	CETDA	010		IF		FB				
	CETDA	NERAE	020		TF		FB	2.0	074.6(075T)	008.1	02000
	CETDA	NERAE	030		HF	R	FO		233.8(234T)	004.0	02000
	LBY	LBY	010	IAF	IF		FB				
	LBY	NERAE	020		TF		FB	1.0	265.6(266T)	016.2	02000
		NERAE	010	FACF	IF		FB				02000
		NATVE	020	FAF	TF		FB	0.5	233.8(234T)	006.1	01500
		RW23	030	MAP	TF		FO	0.3	233.8(234T)	003.7	00305

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CETDA	040		DF	R	FO	1.0			02000
	CETDA	050		HM	R	FO	2.0	081.5(082T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LBY	N312507.26	W0892015.37	N3125.121	W08920.256
	CETDA	N312141.53	W0894818.86	N3121.692	W08948.314
	NATVE	N312014.34	W0894455.54	N3120.239	W08944.926
	NERAE	N312350.86	W0893910.70	N3123.848	W08939.178
	RW23	N311802.28	W0894825.46	N3118.038	W08948.424

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00265	40

CITY AND STATE
COLUMBIA, MS

ELEVATION: 265 TDZE: 265
 AIRPORT NAME:
 COLUMBIA-MARION COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 23, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																			
TERMINAL ROUTES															MISSED APPROACH														
FROM					TO					COURSE AND DISTANCE					ALTITUDE														
																				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:																													
APR 10 2008 PROCEDURE CANCELED EFFECTIVE _____																													
CITY AND STATE				ELEVATION: 265 TDZE: 265				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP													
COLUMBIA, MS				AIRPORT NAME:				LBV				VOR/DME OR GPS RWY 23, AMDT 4A, 08/13/1998				AMDT 4													
				COLUMBIA-MARION COUNTY												DATE 03/10/1988													



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW05
HODGS	WENIS (FB)	287.61 / 12.77	2800	CLIMB TO 2800 DIRECT KRUPPE AND HOLD.
HLV VORTAC	JAGUV (FB)	195.22 / 19.46	2800	
WENIS (IAF)	VICEE (NOPT) (FB)	323.03 / 5.00	2800	
JAGUV (IAF)	VICEE (NOPT) (FB)	142.95 / 5.00	2800	
VICEE (IF/IAF)	EDPAH (FB)	052.99 / 6.20	2500	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 233.25 INBOUND. CHART FAS OBST: 999 TREE 385019N/0920032W EDPAH TO RW05: 3.04/40.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW VICEE, RT, 052.99 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
- FAC: 053.05 FAF: EDPAH DIST FAF TO MAP: 4.90 THLD: 4.90
- MIN. ALT: VICEE 2800, EDPAH 2500, OBEDE/2.20 NM TO RW05 1620
- 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: RW05 3100

MAG VAR: 4E

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1300	1	419	1300	1	419	1300	1 1/4	419		NA				
CIRCLING	1380	1	494	1380	1	494	1380	1 1/2	494		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HODGS VIA V44 SOUTHEAST BOUND.
CHART PROFILE NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE COLUMBIA REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED, USE JEFFERSON CITY
SEE 8260-10

CITY AND STATE FULTON, MO	ELEVATION: 886 TDZE: 881 AIRPORT NAME: ELTON HENSLEY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG APR 10 2008	SUP: AMDT: NONE DATED
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RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

MEMORIAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HLV VORTAC AIRWAY RADIALS 155 CW 203.

CITY AND STATE

FULTON, MO

ELEVATION: 886 TDZE: 881

AIRPORT NAME:

ELTON HENSLEY MEMORIAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFTTK3FR05	AHLV	010HLV	K3D 0V	IF						18000		B JS	
SUSAP KFTTK3FR05	AHLV	020JAGUVK3EA0E	A 020TF			19520195		+ 02800				B JS	
SUSAP KFTTK3FR05	AHLV	030VICEEK3EA0EE	010TF			14300050		+ 02800				B JS	
SUSAP KFTTK3FR05	AHODGS	010HODGSK3EA0E	IF							18000		B JS	
SUSAP KFTTK3FR05	AHODGS	020WENISK3EA0E	A 020TF			28760128		+ 02800				B JS	
SUSAP KFTTK3FR05	AHODGS	030VICEEK3EA0EE	010TF			32300050		+ 02800				B JS	
SUSAP KFTTK3FR05	AVICEE	010VICEEK3EA0EE	CR HF			05300040		+ 02800		18000		B JS	
SUSAP KFTTK3FR05	R	010VICEEK3EA0E	I IF					+ 02800		18000		B JS	
SUSAP KFTTK3FR05	R	020EDPAHK3EA1E	F 051TF			05300062		+ 02500			RW05	K3PGB JS	
SUSAP KFTTK3FR05	R	020EDPAHK3EA2WN		N	ALNAV							JS	
SUSAP KFTTK3FR05	R	025OBEBEK3EA0E	S 031TF			05310027		V 0162001629		-304		B JS	
SUSAP KFTTK3FR05	R	030RW05 K3PG0GY	M 031TF			05310022		00919		-304		B JS	
SUSAP KFTTK3FR05	R	040KRUPEK3EA0EYM	010DF					+ 02800				B JS	
SUSAP KFTTK3FR05	R	050KRUPEK3EA0EE	HR020HM			23330040		+ 02800				B JS	

CITY AND STATE FULTON, MO	ELEVATION: 886 TDZE: 881 AIRPORT NAME: ELTON HENSLEY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

SUSAP KFTTK3GRW05 0032030531 N38501558W092002967+0100 +0235600879000040047R

SUSAP KFTTK3SRW05 K3PG 0 18018003125 M

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HLV	HLV	010		IF		FB				
	HLV	JAGUV	020	IAF	TF		FB	2.0	195.2(199T)	019.5	02800
	HLV	VICEE	030		TF		FB	1.0	143.0(147T)	005.0	02800
	HODGS	HODGS	010		IF		FB				
	HODGS	WENIS	020	IAF	TF		FB	2.0	287.6(292T)	012.8	02800
	HODGS	VICEE	030		TF		FB	1.0	323.0(327T)	005.0	02800
	VICEE	VICEE	010		HF	R	FB		053.0(057T)	004.0	02800
		VICEE	010	FACF	IF		FB				02800
		EDPAH	020	FAF	TF		FB	0.5	053.0(057T)	006.2	02500
		OBEBE	025	SDF	TF		FB	0.3	053.1(057T)	002.7	01620
		RW05	030	MAP	TF		FO	0.3	053.1(057T)	002.2	00919

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KRUPE	040		DF		FO	1.0			02800
	KRUPE	050		HM	R	FO	2.0	233.3(237T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLV	N390648.75	W0920741.64	N3906.813	W09207.694
	EDPAH	N384735.72	W0920545.30	N3847.595	W09205.755
	HODGS	N383519.72	W0915346.55	N3835.329	W09153.776
	JAGUV	N384824.73	W0921553.49	N3848.412	W09215.892
	KRUPE	N385633.74	W0914759.44	N3856.562	W09147.991
	OBEBE	N384903.81	W0920251.49	N3849.064	W09202.858
	VICEE	N384412.96	W0921224.41	N3844.216	W09212.407
	WENIS	N384001.09	W0920855.74	N3840.018	W09208.929
	RW05	N385015.58	W0920029.67	N3850.260	W09200.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00879	40

CITY AND STATE
 FULTON, MO

ELEVATION: 886 TDZE: 881
 AIRPORT NAME:
 ELTON HENSLEY MEMORIAL

FACILITY
 IDENTIFIER:
 RNAV

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

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW23 CLIMB TO 2800 DIRECT LURRE AND LEFT TURN VIA 141.95 TRACK TO HODGS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 141.95 INBOUND. CHART FAS OBST: 1038 TOWER 385209N/0915828W CHART 1315 TOWER 385225N/0915418W. ZANGO TO RW23: 3.04/40.
FTZ VORTAC	WEDOG (FB)	282.69 / 37.72	2800	
HLV VORTAC	YAKUN (FB)	111.44 / 14.01	2800	
WEDOG (IAF)	KRUPE (NOPT) (FB)	323.29 / 5.00	2800	
YAKUN (IAF)	KRUPE (NOPT) (FB)	143.21 / 5.00	2800	
KRUPE (IF/IAF)	ZANGO (FB)	233.25 / 6.20	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE KRUPE, RT, 233.25 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
- FAC: 233.17 FAF: ZANGO DIST FAF TO MAP: 4.89 THLD: 4.89
- MIN. ALT: KRUPE 2800, ZANGO 2500, CODOR/2.20 NM TO RW23 1620
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW23 3100

MAG VAR: 4E

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1320	1	439	1320	1	439	1320	1 1/4	439		NA				
CIRCLING	1380	1	494	1380	1	494	1380	1 1/2	494		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FTZ VORTAC VIA V44 AND V12 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HLV VORTAC VIA V4 WESTBOUND AND V175 NORTHWEST

SEE 8260-10

CITY AND STATE FULTON, MO	ELEVATION: 886 TDZE: 881 AIRPORT NAME: ELTON HENSLEY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG APR 10 2008	SUP: AMDT: NONE DATED
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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.

BOUND.

CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: USE COLUMBIA REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED, USE JEFFERSON CITY
MEMORIAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, AND INCREASE LNAV CAT C VISIBILITY 1/4
MILE.

CITY AND STATE

FULTON, MO

ELEVATION: 886 TDZE: 881

AIRPORT NAME:

ELTON HENSLEY MEMORIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KFTTK3FR23	AFTZ	010FTZ	K3D OV	IF						18000		B JS	
SUSAP KFTTK3FR23	AFTZ	020WEDOGK3EA0E	A	020TF		28270377		+ 02800				B JS	
SUSAP KFTTK3FR23	AFTZ	030KRUEK3EA0EE	010TF			32330050		+ 02800				B JS	
SUSAP KFTTK3FR23	AHLV	010HLV	K3D OV	IF						18000		B JS	
SUSAP KFTTK3FR23	AHLV	020YAKUNK3EA0E	A	020TF		11140140		+ 02800				B JS	
SUSAP KFTTK3FR23	AHLV	030KRUEK3EA0EE	010TF			14320050		+ 02800				B JS	
SUSAP KFTTK3FR23	AKRUPE	010KRUEK3EA0EE	CR	HF		23330040		+ 02800		18000		B JS	
SUSAP KFTTK3FR23	R	010KRUEK3EA0E	I	IF				+ 02800		18000		B JS	
SUSAP KFTTK3FR23	R	020ZANGOK3EA1E	F	051TF		23330062		+ 02500			RW23	K3PGB JS	
SUSAP KFTTK3FR23	R	020ZANGOK3EA2WN			N	ALNAV						JS	
SUSAP KFTTK3FR23	R	025CODORK3EA0E	S	031TF		23320027		V	0162001632		-304	B JS	
SUSAP KFTTK3FR23	R	030RW23	K3PGOGY	M	031TF	23320022		00921			-304	B JS	
SUSAP KFTTK3FR23	R	040LURREK3EA0E	M	010DF								B JS	
SUSAP KFTTK3FR23	R	050HODGSK3EA0EY	L010TFY			1420		+ 02800				B JS	

CITY AND STATE FULTON, MO	ELEVATION: 886 TDZE: 881 AIRPORT NAME: ELTON HENSLEY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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SUSAP KFTTK3FR23 R 060HODGSK3EA0EE HR020HM 14200040 + 02800 B JS

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

SUSAP KFTTK3GRW23 0032032331 N38503277W091595568-0100 +0236200881000040047R

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

SUSAP KFTTK3SRW23 K3PG 0 18018003125 M

CITY AND STATE
 FULTON, MO

ELEVATION: 886 TDZE: 881
 AIRPORT NAME:
 ELTON HENSLEY MEMORIAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 23, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FTZ	FTZ	010		IF		FB				
	FTZ	WEDOG	020	IAF	TF		FB	2.0	282.7(287T)	037.7	02800
	FTZ	KRUPE	030		TF		FB	1.0	323.3(327T)	005.0	02800
	HLV	HLV	010		IF		FB				
	HLV	YAKUN	020	IAF	TF		FB	2.0	111.4(115T)	014.0	02800
	HLV	KRUPE	030		TF		FB	1.0	143.2(147T)	005.0	02800
	KRUPE	KRUPE	010		HF	R	FB		233.3(237T)	004.0	02800
		KRUPE	010	FACF	IF		FB				02800
		ZANGO	020	FAF	TF		FB	0.5	233.3(237T)	006.2	02500
		CODOR	025	SDF	TF		FB	0.3	233.2(237T)	002.7	01620
		RW23	030	MAP	TF		FO	0.3	233.2(237T)	002.2	00921

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LURRE	040		DF		FB	1.0			
	HODGS	050		TF	L	FO	1.0	142.0(146T)		02800
	HODGS	060		HM	R	FO	2.0	142.0(146T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FTZ	N384139.58	W0905816.17	N3841.660	W09058.270
	HLV	N390648.75	W0920741.64	N3906.813	W09207.694
	CODOR	N385144.48	W0915733.76	N3851.741	W09157.563
	HODGS	N383519.72	W0915346.55	N3835.329	W09153.776
	KRUPE	N385633.74	W0914759.44	N3856.562	W09147.991
	LURRE	N384805.95	W0920445.73	N3848.099	W09204.762
	WEDOG	N385221.14	W0914431.63	N3852.352	W09144.527
	YAKUN	N390046.24	W0915127.66	N3900.771	W09151.461
	ZANGO	N385312.15	W0915439.99	N3853.203	W09154.667
	RW23	N385032.77	W0915955.68	N3850.546	W09159.928

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW23	00881		40

CITY AND STATE
 FULTON, MO

ELEVATION: 886 TDZE: 881
 AIRPORT NAME:
 ELTON HENSLEY MEMORIAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 23, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____

EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE APR 10 2008

CITY AND STATE FULTON, MO	ELEVATION: 886 TDZE: 881 AIRPORT NAME: ELTON HENSLEY MEMORIAL	FACILITY IDENTIFIER: HLV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RNAV OR GPS RWY 5, AMDT 1 25 AUG 88	SUP
				AMDT ORIG
				DATE 17 APR 80

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 18, 23, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 36 - CLIMB HEADING 357.92 TO 1400 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 14' FROM DER, 57' RIGHT OF CENTERLINE, UP TO 100' AGL/ 999' MSL. POWERLINE 1060' FROM DER, 778' RIGHT OF CENTERLINE, 79' AGL/ 942' MSL. VEHICLE ON ROAD 26' FROM DER, 460' LEFT OF CENTERLINE, 15' AGL/ 914' MSL.
NOTE: RWY 18, TREES BEGINNING 1052' FROM DER, 247' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1019' MSL. VEHICLE ON ROAD 348' FROM DER, 447' LEFT OF CENTERLINE, 15' AGL/ 894' MSL. TREES 350' FROM DER, 259' LEFT OF CENTERLINE, UP TO 100' AGL/ 979' MSL.
NOTE: RWY 23, TREE 16' FROM DER, 386' LEFT OF CENTERLINE, 100' AGL/ 979' MSL. VEHICLE ON ROAD 101' FROM DER, 503' LEFT OF CENTERLINE, 15' AGL/ 894' MSL.
(CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 36: 1244 MSL TOWER, 385242.00N-0915855.00W

(5) City, State

FULTON, MO

(6) Airport

ELTON HENSLEY MEMORIAL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

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

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

NOTE: RWY 36, TREES BEGINNING 202' FROM DER, 272' RIGHT OF CENTERLINE, UP TO 100' AGL/ 999' MSL. VEHICLE ON ROAD 927' FROM DER, 47' RIGHT OF CENTERLINE, 15' AGL/ 914' MSL. TREE 2762' FROM DER, 684' LEFT OF CENTERLINE, 100' AGL/ 979' MSL. VEHICLE ON ROAD 935' FROM DER, 475' LEFT OF CENTERLINE, 15' AGL/ 914' MSL.

City, State FULTON, MO		Airport ELTON HENSLEY MEMORIAL		Effective Date APR 10 2008	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
UCETE (IAF)	JUXAR (NOPT) (FB)	117.50 / 5.00	3100	LNAV: RW03 CLIMB TO 5000 DIRECT HAGAP AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 207.71 INBOUND. FAS OBST: 1209 AAO 372631N/0942206W 1219 AAO 372526N/0942149W WEMOT TO RW03: 3.04/40.
HIMAP (IAF)	JUXAR (NOPT) (FB)	297.60 / 5.00	3100	
JUXAR (IF/IAF)	WEMOT (FB)	027.55 / 7.00	2500	

- MAG VAR: 5E EPOCH YEAR: 1985

[illegible]

SEE 8260-10

CITY AND STATE LAMAR, MO	ELEVATION: 1009 TDZE: 1008 AIRPORT NAME: LAMAR MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED

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

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NOTES CONT.

ALTIMETER SETTING AND INCREASE ALL MDAS 100 FT, INCREASE VISIBILITY LNAV CAT C 1 1/4 MILE, CIRCLING CAT B 1/4 MILE AND CAT C 1/2 MILE.

TAA

	FROM	TO	ALT
1.	298/30 CW 118/30 (NOPT)	JUXAR (IF/IAF) (FB)	3100
2.	118/30 CW 208/30	UCETE (IAF) (FB)	3100
3.	208/30 CW 298/30	HIMAP (IAF) (FB)	3100

CITY AND STATE

LAMAR, MO

ELEVATION: 1009 TDZE: 1008

AIRPORT NAME:

LAMAR MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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

ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	HAGAP K30	W	RL N37391580W094104319					E0025	NAR		HAGAP		
SUSAEENRT	HIMAP K30	W	RL N37164632W094212071					E0025	NAR		HIMAP		
SUSAEENRT	JUXAR K30	W	RL N37192805W094263756					E0025	NAR		JUXAR		
SUSAEENRT	UCETE K30	W	RL N37220954W094315479					E0025	NAR		UCETE		
SUSAEENRT	WEMOT K30	W	RL N37252225W094215400					E0025	NAR		WEMOT		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLLUK3ALLU	0	029YHN37292217W094184142E005001009					1800018000C	MNAR		LAMAR MUNI		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLLUK3FR03	AHIMAP	010HIMAPK3EA0E	A	IF					18000		B JS	
SUSAP	KLLUK3FR03	AHIMAP	020JUXARK3EA0EE		010TF			29760050	+ 03100			B JS	
SUSAP	KLLUK3FR03	AJUXAR	010JUXARK3EA0EE	CR	HF			02760040	+ 03100		18000	B JS	
SUSAP	KLLUK3FR03	AUCETE	010UCETEK3EA0E	A	IF						18000	B JS	
SUSAP	KLLUK3FR03	AUCETE	020JUXARK3EA0EE		010TF			11750050	+ 03100			B JS	
SUSAP	KLLUK3FR03	R	010JUXARK3EA0E	I	IF				+ 03100		18000	B JS	
SUSAP	KLLUK3FR03	R	020WEMOTK3EA1E	F	051TF			02760070	+ 02500			B JS	
SUSAP	KLLUK3FR03	R	020WEMOTK3EA2WN			II	ALNAV					JS	
SUSAP	KLLUK3FR03	R	030RW03 K3PGOGY	M	031TF			02760045		01048	-304	B JS	
SUSAP	KLLUK3FR03	R	040HAGAPK3EA0EYM		010DF				+ 05000			B JS	
SUSAP	KLLUK3FR03	R	050HAGAPK3EA0EE	HR020HM				20770050	+ 05000			B JS	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KLLUK3GRW03	0029020276	N37291011W094185111-0300					+0276701008000040060R					

CITY AND STATE LAMAR, MO	ELEVATION: 1009	TDZE: 1008	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG APR 10 2008	SUP:
	AIRPORT NAME: LAMAR 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 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIMAP	HIMAP	010	IAF	IF		FB				
	HIMAP	JUXAR	020		TF		FB	1.0	297.6(303T)	005.0	03100
	JUXAR	JUXAR	010		HF	R	FB		027.6(033T)	004.0	03100
	UCETE	UCETE	010	IAF	IF		FB				
	UCETE	JUXAR	020		TF		FB	1.0	117.5(123T)	005.0	03100
		JUXAR	010	FACF	IF		FB				03100
		WEMOT	020	FAF	TF		FB	0.5	027.6(033T)	007.0	02500
		RW03	030	MAP	TF		FO	0.3	027.6(033T)	004.5	01048

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HAGAP	040		DF		FO	1.0			05000
	HAGAP	050		HM	R	FO	2.0	207.7(213T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HAGAP	N373915.80	W0941043.19	N3739.263	W09410.720
	HIMAP	N371646.32	W0942120.71	N3716.772	W09421.345
	JUXAR	N371928.05	W0942637.56	N3719.468	W09426.626
	UCETE	N372209.54	W0943154.79	N3722.159	W09431.913
	WEMOT	N372522.25	W0942154.00	N3725.371	W09421.900
	RW03	N372910.11	W0941851.11	N3729.169	W09418.852

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	01008	40

CITY AND STATE
LAMAR, MO

ELEVATION: 1009 TDZE: 1008
 AIRPORT NAME:
LAMAR MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG
APR 10 2008

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: LLU NDB											
DIZZI INT	LLU NDB	157.23 / 25.50	2600	CLIMBING LEFT TURN TO 2600 IN LLU NDB HOLDING PATTERN. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 036.00 INBOUND. FAS OBST: 1230 AAO 372445N/0942333W FAC CROSSES RWY C/L EXTENDED 4577 FROM THLD.											
MIRTH INT	LLU NDB	297.42 / 22.54	2800												
WACCO INT	LLU NDB	030.83 / 21.17	2500												
NASHE INT	LLU NDB	072.67 / 7.23	2500												
1. PT <u> L </u> SIDE OF COURSE <u> 216.00 </u> OUTBOUND <u> 2500 </u> FT WITHIN <u> 10 </u> MILES OF <u> LLU NDB </u> (IAF) 2. _____ 3. FAC <u> 036.00 </u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u> LLU NDB 180-270 3100, 270-180 2700 </u>					MAG VAR: 5E EPOCH YEAR: 1985										
MINIMUMS															
TAKEOFF:	STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA	☒ X							
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-3	1640	1	632	1640	1	632	1640	1 3/4	632		NA				
CIRCLING	1640	1	631	1660	1	651	1660	1 3/4	651		NA				
NOTES: CHART NOTE: CIRCLING TO RWY 21 NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: USE JOPLIN ALTIMETER SETTING; WHEN NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET, VISIBILITY S-3 CAT C 1/4 MILE, CIRCLING CAT B 1/4 MILE AND CAT C 1/2 MILE.															
CITY AND STATE		ELEVATION: 1009 TDZE: 1008		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP NDB OR GPS RWY					
LAMAR, MO		AIRPORT NAME:		LLU		NDB RWY 3, AMDT 1				3					
		LAMAR MUNI				APR 10 2008				AMDT ORIG					
										DATE 11/11/1982					

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 03, 21 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 03, ROAD/VEHICLE 201' FROM DER, 512' LEFT OF CENTERLINE, 15' AGL/1014' MSL. ROAD/VEHICLE 385' FROM DER, 158' LEFT OF CENTERLINE, 15' AGL/1014' MSL. SCHOOL 534' FROM DER, 386' RIGHT OF CENTERLINE, 16' AGL/1015' MSL. NOTE: RWY 21, ROAD/VEHICLE 274' FROM DER, 387' LEFT OF CENTERLINE, 15' AGL/1024' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

LAMAR, MO

(6) Airport

LAMAR MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION					Bearings, headings, courses, and radiats are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
VOR STANDARD INSTRUMENT APPROACH PROCEDURE									
FLIGHT STANDARDS SERVICE - FAR PART 97.23									
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
NOTES:									
PROCEDURE CANCELED EFFECTIVE <u>APR 10 2008</u>									
CITY AND STATE OZARK, MO		ELEVATION: 1336 TDZE: 1336 AIRPORT NAME: AIR PARK SOUTH		FACILITY IDENTIFIER: SGF		PROCEDURE NO./AMDT NO/EFFECTIVE DATE: VOR OR GPS RWY 17, AMDT 4B, 04/15/2004		SUP AMDT 4A DATE 6/13/02	

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

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

(2) TEXTUAL DEPARTURE PROCEDURE:

**RWY 5 - CLIMB HEADING 055.47 TO 1700 BEFORE TURNING RIGHT.
RWY 36L - CLIMB HEADING 002.96 TO 1400 BEFORE TURNING LEFT.**

(3) TAKEOFF OBSTACLE NOTES:

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

NOTE: RWY 18L, TOWER AND POLE BEGINNING 981' FROM DER, 708' LEFT OF CENTERLINE, UP TO 160' AGL/850' MSL. MULTIPLE TREES BEGINNING 1235' FROM DER, 707' RIGHT OF CENTERLINE, UP TO 48' AGL/767' MSL.

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

(CONTINUED)

(4) CONTROLLING OBSTACLES:

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

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

(5) City, State

CHARLOTTE, NC

(6) Airport

CHARLOTTE/DOUGLAS INTL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

3



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 3493' FROM DER, 198' LEFT OF CENTERLINE, UP TO 99' AGL/818' MSL. MULTIPLE TREES BEGINNING 1491' FROM DER, 603' RIGHT OF CENTERLINE, UP TO 74' AGL/823' MSL.

NOTE: RWY 36L, MULTIPLE TREES BEGINNING 1937' FROM DER, 725' LEFT OF CENTERLINE, UP TO 54' AGL/823' MSL. MULTIPLE TREES BEGINNING 1420' FROM DER, 309' RIGHT OF CENTERLINE, UP TO 104' AGL/823' MSL.

NOTE: RWY 36R, POLE AND MULTIPLE TREES BEGINNING 921' FROM DER, 416' LEFT OF CENTERLINE, UP TO 94' AGL/853' MSL. RAILROAD, ANTENNA, MULTIPLE POLES AND TREES BEGINNING 471' FROM DER, 93' RIGHT OF CENTERLINE, UP TO 96' AGL/855' MSL.

City, State CHARLOTTE, NC		Airport CHARLOTTE/DOUGLAS INTL		Effective Date APR 10 2008	Amdt. No. 3
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 2, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DEPARTURE END OF RUNWAY.

RWY 20, 200-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 204 FT PER NM TO 1000, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FT PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 2 - CLIMB HEADING 016.46 TO 2200 BEFORE PROCEEDING ON COURSE.

RWY 20 - CLIMBING RIGHT TURN HEADING 290.00 TO INTERCEPT CLT VOR/DME R-039 OUTBOUND TO 2000 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, MULTIPLE POLES AND TREES BEGINNING 2444' FROM DER, 6' LEFT OF CENTERLINE, UP TO 43' AGL/792' MSL. MULTIPLE POLES AND TREES BEGINNING 2104' FROM DER, 242' RIGHT OF CENTERLINE, UP TO 27' AGL/786' MSL. POWERLINE 1.3 NM FROM DER, 2049' LEFT OF CENTERLINE, 164' AGL/908' MSL.

NOTE: RWY 20, MULTIPLE STREET LIGHTS BEGINNING 3047' FROM DER, 196' RIGHT OF CENTERLINE, UP TO 105' AGL/744' MSL. TREES 1.3 NM FROM DER, 1581' RIGHT OF CENTERLINE, UP TO 100' AGL/849' MSL.

(4) CONTROLLING OBSTACLES:

RWY 2: 908 MSL POWERLINE 352509.80N/0804232.40W. 2349 MSL BLDG 353157.00N/0804746.00W.

RWY 20: 849 MSL TREES 352123.75N/0804317.60W. 2000 MSL TOWER 351602.00N/0804404.00W.

(5) City, State

CONCORD, NC

(6) Airport

CONCORD RGNL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 3, 21 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3 - CLIMB HEADING 049.34 TO 2600 BEFORE PROCEEDING WEST OR NORTH.

RWY 21 - CLIMB HEADING 214.33 TO 1500 BEFORE PROCEEDING NORTH.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, MULTIPLE TREES BEGINNING 1200' FROM DER, 433' LEFT OF CENTERLINE, UP TO 80' AGL/859' MSL. MULTIPLE TREES BEGINNING 162' FROM DER, 371' RIGHT OF CENTERLINE, UP TO 136' AGL/885' MSL.

NOTE: RWY 21, ANTENNA AND MULTIPLE TREES BEGINNING 269' FROM DER, 210' LEFT OF CENTERLINE, UP TO 101' AGL/880' MSL. MULTIPLE TREES BEGINNING 252' FROM DER, 264' RIGHT OF CENTERLINE, UP TO 136' AGL/885' MSL.

(4) CONTROLLING OBSTACLES:

RWY 3: 2755 MSL TOWER 352049.00N/0811014.00W.

RWY 21: 2755 MSL TOWER 352049.00N/0811014.00W.

(5) City, State

GASTONIA, NC

(6) Airport

GASTONIA MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

4

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
KENAR INT/OVR 32.00 DME	SCB VOR/DME	296.95 / 16.09	3000	MAP: 3.98 MILES AFTER CALLN INT/6.05 DME OR AT SCB 10.03 DME FIX CLIMB TO 3000 THEN LEFT TURN DIRECT SCB VOR/DME AND HOLD.
OLU VOR/DME	IBHEN INT/OLU 31.57 DME	061.79 / 31.57	3100	
IBHEN INT/OLU 31.57 DME (IAF)	SCB VOR/DME (NOPT)	115.60 / 2.84	3000	ADDITIONAL FLIGHT DATA: CHART VDP AT 8.22 DME; DISTANCE VDP TO THLD 1.81 MILES. CALLN TO RW14: 2.98/40. CHART AIRPORT ELEV: 1204 FAS OBST: 1559 AAO 413018N/0963506W
SCB VOR/DME (IF/IAF)	CALLN INT/SCB 6.05 DME	147.31 / 6.05	2500	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD NW SCB VDME, RT, 147.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
 3. FAC 147.31 FAF CALLN INT/SCB 6.05 DME DIST FAF TO MAP 3.98 THLD 3.98
 4. MIN. ALT SCB VOR/DME 3000, CALLN 2500
 8. MSA FROM: SCB VOR/DME 090-180 2900, 180-090 3300

MAG VAR: 6E

EPOCH YEAR: 1995

MINIMUMS																
TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE:	N	☒				
CATEGORY	=====>	A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-14		1820	1	617	1820	1	617	1820	1 3/4	617		NA				
CIRCLING		1820	1	616	1820	1	616	1820	1 3/4	616		NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TEKAMAH MUNI ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND INCREASE S-14 AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING TEKAMAH MUNI ALTIMETER SETTING.

CITY AND STATE FREMONT, NE	ELEVATION: 1204 TDZE: 1203 AIRPORT NAME: FREMONT MUNI	FACILITY IDENTIFIER: SCB	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 14, AMDT 2 APR 10 2008	SUP	VOR RWY 13
				AMDT	1
				DATE	04/15/2004

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, 14, 32 STANDARD.

RWY 19, 600-2 1/2 WITH MINIMUM CLIMB OF 370 FEET PER NM TO 2000.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 19 - CLIMB HEADING 185.36 TO 1800 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE RWY 1, VEHICLE PLUS ROAD BEGINNING 213' FROM DER, 430' LEFT AND RIGHT OF CENTERLINE, UP TO 15' AGL/1224' MSL. TREE 3771' FROM DER, 741' LEFT OF CENTERLINE, 100' AGL/1299' MSL. TREE 3349' FROM DER, 803' RIGHT OF CENTERLINE, 100' AGL/1294' MSL. NOTE: RWY 14, TREE 1248' FROM DER, 148' RIGHT OF CENTERLINE, 100' AGL/1304' MSL. VEHICLE PLUS ROAD 513' FROM DER, 272' RIGHT OF CENTERLINE, 15' AGL/1219' MSL. NOTE: RWY 19, VEHICLE PLUS ROAD 531' FROM DER, 269' LEFT OF CENTERLINE, 15' AGL/1219' MSL. TREE 1222' FROM DER, 255' RIGHT OF CENTERLINE, 100' AGL/1304' MSL. NOTE: RWY 32, MULTIPLE TREES BEGINNING 2053' FROM DER, 455' LEFT OF CENTERLINE, UP TO 84' AGL/1288' MSL. MULTIPLE STREET LIGHTS BEGINNING 1433' FROM DER, 465' RIGHT OF CENTERLINE, UP TO 41' AGL/1246' MSL.

(4) CONTROLLING OBSTACLES:

RWY 19: 1719 MSL TOWER, 412440.00N/0963158.00W, 1719 TOWER, 412450.78N/0963326.62W

(5) City, State FREMONT, NE	(6) Airport FREMONT MUNI	(7) Effective Date APR 10 2008	(8) Amdt. No. 5
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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
DMN VORTAC	HAWKE LOM	082.74 / 39.29	7400	ILS: DA LOC: 5.92 MILES AFTER JOSPO OR AT I-LRU 1.40 DME FIX CLIMB TO 5100 THEN CLIMBING LEFT TURN TO 9000 VIA HEADING 210 AND DMN VORTAC R-094 TO COSES INT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, LT, 273.57 INBOUND. CHART FAS OBST: 4461 ROAD + VEHICLE 321705N/1065437W CHART (FFKHH) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.
CRATT INT	HAWKE LOM	052.69 / 11.21	7000	
MOLLY INT (IAF)	MENDZI-LRU 12.32 DME (NOPT)	349.00 / 3.62 (HDG) & 304.18 / 2.67 (I-LRU)	7800	
MENDZI-LRU 12.32 DME (IF)	JOSPO/I-LRU 7.32 DME	304.02 / 5.00	6400	

1. PT R SIDE OF COURSE 124.02 OUTBOUND 6400 FT WITHIN 10 MILES OF HAWKE (IAF)
2.
3. FAC: 304.02 FAF: JOSPO DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: JOSPO 6400
5. DIST TO THLD FROM OM: 5.92 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 979
6. MIN GS INCPT: 6400 GS ALT AT: JOSPO/I-LRU 7.32 DME 6400 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 46.5
8. MSA FROM: LR LOM 105-260 8300, 260-010 7900, 010-105 10200

MAG VAR: 11E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 30	4643	1/2	200	4643	1/2	200	4643	1/2	200	4643	1/2	200				
S-LOC 30	4720	1/2	277	4720	1/2	277	4720	1/2	277	4720	3/4	277				
CIRCLING	4940	1	484	4940	1	484	4940	1 1/2	484	5020	2	564				

NOTES:
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
S-LOC: DME REQUIRED
IF LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
FOR INOPERATIVE MALS, INCREASE S-LOC CAT D VISIBILITY TO 1.

CITY AND STATE LAS CRUCES, NM	ELEVATION: 4456 TDZE: 4443 AIRPORT NAME: LAS CRUCES INTL	FACILITY IDENTIFIER: I-LRU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 30, AMDT 2A APR 10 2008	SUP: ILS RWY 30
				AMDT: 2
				DATED 02/19/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: I-CZM 0.79 DME FIX						
CTW VOR/DME (IAF) SPACE/I-CZM 14.54 DME (IF)		SPACE/I-CZM 14.54 DME LOOPY/I-CZM 6.54 DME		145.32 / 4.60 220.13 / 8.00 (I-CZM)				2800 2700		CLIMB TO 3000 THEN RIGHT TURN DIRECT CTW VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 152.00 INBOUND. CHART FAS OBST: 1219 TREE 400046N/0813319W CHART: ARPT ELEV 799 HOKOX TO RW22: 3.05/40						
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT SPACE <u> </u> 3. FAC <u>220.13</u> FAF <u>LOOPY/I-CZM 6.54 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.75</u> 4. MIN. ALT <u>SPACE 2800, LOOPY 2700, HOKOX/I-CZM 3.99 DME 1860</u> 8. MSA FROM: <u>ZZV VOR/DME 2700</u>																MAG VAR: 7W
MINIMUMS																
TAKEOFF:		☐ STANDARD ☒ X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A ☐ X ☐								
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-22		1480	1	681	1480	1	681	1480	2	681						
CIRCLING		1540	1	741	1540	1 1/4	741	1560	2 1/4	761						
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ZANESVILLE ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.																
CITY AND STATE		ELEVATION: 799 TDZE: 799		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP						
CAMBRIDGE, OH		AIRPORT NAME:		I-CZM		LOC/DME RWY 22, AMDT 1				AMDT ORIG-A						
		CAMBRIDGE MUNI				APR 10 2008				DATE 05/23/1996						



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
TARTO	DOCVE (FB)	310.05 / 16.24	3000	LPV: DA LNAV/VNAV: DA LNAV: RW10 CLIMB TO 2800 DIRECT DIPAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 280.22 INBOUND. CHART FAS OBST: 959 TREE (HIGH POINT GROVE) 394525N/0824113W CHART FAS OBST: 1206 TREE 394447N/0824258W DISTANCE TO THLD FROM 313 HAT: 0.86 NM. WAAS CHANNEL # 97701 REFERENCE PATH ID: W10A								
DOCVE (IAF)	HASPI (NOPT) (FB)	009.87 / 5.00	2700									
JOGER (IAF)	HASPI (NOPT) (FB)	088.58 / 23.03	2700									
GLOOM (IAF)	HASPI (NOPT) (FB)	189.40 / 13.28	2700									
HASPI (IF/IAF)	BERAY (FB)	099.87 / 6.20	2600									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W HASPI, RT, 099.87 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>099.96</u> FAF: <u>BERAY</u> DIST FAF TO MAP: <u>5.27</u> THLD: <u>5.27</u> 4. MIN. ALT: <u>HASPI 2700, BERAY 2600, GAGSE/2.60 NM TO RW10 1720*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>BERAY</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW10 3100</u>				MAG VAR: 6W EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF: <u> </u> STANDARD <u> </u> X <u> </u> SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A <u> </u> STANDARD @ <u> </u>								
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1170	1	313	1170	1	313	1170	1	313	NA		
LNAV/VNAV DA	1291	1 1/2	434	1291	1 1/2	434	1291	1 1/2	434	NA		
LNAV MDA	1460	1	603	1460	1	603	1460	1 3/4	603	NA		
CIRCLING	1520	1	652	1540	1	672	1560	2	692	NA		
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING RICKENBACKER INTL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 868 TDZE: 857		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
LANCASTER, OH		AIRPORT NAME: FAIRFIELD COUNTY				RNAV (GPS) RWY 10, ORIG		AMDT: NONE				
						APR 10 2008		DATED				

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

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NOTES CONT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICKENBACKER INTL. ALTIMETER SETTING AND INCREASE ALL DAS 48 FEET, AND ALL MDAS 60 FEET, AND INCREASE LPV, LNAV/VNAV ALL CATS AND CIRCLING

CAT C VISIBILITY 1/4 MILE.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TARTO VIA V493 SOUTHBOUND.

CITY AND STATE

LANCASTER, OH

ELEVATION: 868

TDZE: 857

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLHQ
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	394522.0400N
LTP/FTP LONGITUDE	0823957.5000W
LTP/FTP ELLIPSOIDAL HEIGHT	+02271
FPAP LATITUDE	394515.7600N
FPAP LONGITUDE	0823802.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

8F10ADDC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02612
FPAP ORTHOMETRIC HEIGHT	+02612

CITY AND STATE

LANCASTER, OH

ELEVATION: 868

TDZE: 857

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLHQK5FR10	AGLOOM	010GLOOMK5EA0E	A	IF					18000		A	JS
SUSAP	KLHQK5FR10	AGLOOM	020HASPIK5EA0EE		010TF		18940133	+	02700			A	JS
SUSAP	KLHQK5FR10	AHASPI	010HASPIK5EA0EE	CR	HF		09990040	+	02700	18000		A	JS
SUSAP	KLHQK5FR10	AJGER	010JGERK5EA0E	A	IF					18000		A	JS
SUSAP	KLHQK5FR10	AJGER	020HASPIK5EA0EE		010TF		08860230	+	02700			A	JS
SUSAP	KLHQK5FR10	ATARTO	010TARTOK5EA0E		IF					18000		A	JS
SUSAP	KLHQK5FR10	ATARTO	020DOCVK5EA0E	A	020TF		31010162	+	03000			A	JS
SUSAP	KLHQK5FR10	ATARTO	030HASPIK5EA0EE		010TF		00990050	+	02700			A	JS
SUSAP	KLHQK5FR10	R	010HASPIK5EA0E	I	IF			+	02700	18000		A	JS
SUSAP	KLHQK5FR10	R	020BERAYK5EA0E	F	051TF		09990062	+	02600		RW10	K5PGA	JS
SUSAP	KLHQK5FR10	R	021GAGSEK5EA0E	S	031TF		10000026	V	0172001732		-300		A JS
SUSAP	KLHQK5FR10	R	030RW10	K5PG0GY	M	031TF	10000024		00897		-300		A JS
SUSAP	KLHQK5FR10	R	040DIPACK5EA0EYM		010DF			+	02800				A JS
SUSAP	KLHQK5FR10	R	050DIPACK5EA0EE		HR020HM		28020040	+	02800				A JS

CITY AND STATE LANCASTER, OH	ELEVATION: 868 TDZE: 857 AIRPORT NAME: FAIRFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

	SUSAP KLHQK5PR10	RW10 001	0000W10A0N3945220400W08239575000+022710300N3945157600W08238022600106751224000400F4005008F10ADDC										
	SUSAP KLHQK5PR10	RW10 002	+02612+02612LPV	97701	000								
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KLHQK5SRW10 K5PG		0 25180031		M								

CITY AND STATE

LANCASTER, OH

ELEVATION: 868 TDZE: 857

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

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

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GLOOM	GLOOM	010	IAF	IF		FB				
	GLOOM	HASPI	020		TF		FB	1.0	189.4 (183T)	013.3	02700
	HASPI	HASPI	010		HF	R	FB		099.9 (094T)	004.0	02700
	JOGER	JOGER	010	IAF	IF		FB				
	JOGER	HASPI	020		TF		FB	1.0	088.6 (083T)	023.0	02700
	TARTO	TARTO	010		IF		FB				
	TARTO	DOCVE	020	IAF	TF		FB	2.0	310.1 (304T)	016.2	03000
	TARTO	HASPI	030		TF		FB	1.0	009.9 (004T)	005.0	02700
		HASPI	010	FACF	IF		FB				02700
		BERAY	020	FAF	TF		FB	0.5	099.9 (094T)	006.2	02600
		GAGSE	021	SDF	TF		FB	0.3	100.0 (094T)	002.6	01720
		RW10	030	MAP	TF		FO	0.3	100.0 (094T)	002.4	00897

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DIPAC	040		DF		FO	1.0			02800
	DIPAC	050		HM	R	FO	2.0	280.2 (274T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BERAY	N394544.07	W0824646.29	N3945.735	W08246.772
	DIPAC	N394426.55	W0822321.43	N3944.443	W08223.357
	DOCVE	N394109.94	W0825514.06	N3941.166	W08255.234
	GAGSE	N394532.96	W0824319.29	N3945.549	W08243.322
	GLOOM	N395925.78	W0825346.45	N3959.430	W08253.774
	HASPI	N394609.50	W0825447.83	N3946.158	W08254.797
	JOGER	N394314.80	W0832424.54	N3943.247	W08324.409
	TARTO	N393205.07	W0823748.05	N3932.085	W08237.801
	RW10	N394522.04	W0823957.50	N3945.367	W08239.958

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW10	00857	40

CITY AND STATE LANCASTER, OH	ELEVATION: 868 TDZE: 857 AIRPORT NAME: FAIRFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW28 CLIMB TO 2700 DIRECT HASPI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 099.87 INBOUND. CHART FAS OBST: 1259 TREES 394450N/0823647W ANOBE TO RW28: 3.05/40								
APE VORTAC	COMID (FB)	159.99 / 21.81	3000									
TARTO	FANAP (FB)	061.64 / 13.07	3000									
COMID (IAF)	DIPAC (NOPT) (FB)	190.22 / 5.00	2800									
FANAP (IAF)	DIPAC (NOPT) (FB)	010.21 / 5.00	2800									
DIPAC (IF/IAF)	ANOBE (FB)	280.22 / 6.20	2800									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E DIPAC, RT, 280.22 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 280.13 FAF: ANOBE DIST FAF TO MAP: 5.86 THLD: 5.86 4. MIN. ALT: DIPAC 2800, ANOBE 2800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW28 3100				MAG VAR: 6W 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
LNAV MDA	1520	1	656	1520	1	656	1520	1 3/4	656	NA		
CIRCLING	1520	1	652	1540	1	672	1560	2	692	NA		
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICKENBACKER INTL ALTIMETER SETTING AND SEE 8260-10												
CITY AND STATE		ELEVATION: 868 TDZE: 864		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
LANCASTER, OH		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 28, ORIG		AMDT: NONE				
		FAIRFIELD COUNTY				APR 10 2008		DATED				

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

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NOTES CONT.**INCREASE ALL MDAS 60 FEET, AND LNAV/CIRCLING VISIBILITY CAT C 1/4 MILE.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT APE VORTAC VIA AIRWAY RADIALS 117 CW 168.**

CITY AND STATE

LANCASTER, OH

ELEVATION: 868 TDZE: 864

AIRPORT NAME:

FAIRFIELD COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, ORIG

APR 10 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KLHQB5FP28	AAPE	010APE	K5D 0V	IF					18000		G	S
SUSAP	KLHQB5FP28	AAPE	020COMIDK5EA0E	A	020TF	16000218		+ 03000				G	S
SUSAP	KLHQB5FP28	AAPE	030DIPACK5EA0EE		010TF	19020050		+ 02800				G	S
SUSAP	KLHQB5FP28	ADIPAC	010DIPACK5EA0EE	CR	HF	28020040		+ 02800		18000		G	S
SUSAP	KLHQB5FP28	ATARTO	010TARTOK5EA0E		IF					18000		G	S
SUSAP	KLHQB5FP28	ATARTO	020FANAPK5EA0E	A	020TF	06160131		+ 03000				G	S
SUSAP	KLHQB5FP28	ATARTO	030DIPACK5EA0EE		010TF	01020050		+ 02800				G	S
SUSAP	KLHQB5FP28	P	010DIPACK5EA0E	I	IF			+ 02800		18000		G	S
SUSAP	KLHQB5FP28	P	020ANOBK5EA0E	F	051TF	28020062		+ 02800			RW28	K5PGG	S
SUSAP	KLHQB5FP28	P	030RW28	K5PG0GY	M	031TF	28010059	00904		-305		G	S
SUSAP	KLHQB5FP28	P	040		M	010CA	2801	+ 01268				G	S
SUSAP	KLHQB5FP28	P	050HASPIK5EA0EY		010DF			+ 02700				G	S
SUSAP	KLHQB5FP28	P	060HASPIK5EA0EE		HR020HM	09990040		+ 02700				G	S

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

[illegible]

SUSAP KLHOK5SRW28 K5PG 0 25180031 M

CITY AND STATE LANCASTER, OH	ELEVATION: 868 TDZE: 864 AIRPORT NAME: FAIRFIELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	APE	APE	010		IF		FB				
	APE	COMID	020	IAF	TF		FB	2.0	160.0(154T)	021.8	03000
	APE	DIPAC	030		TF		FB	1.0	190.2(184T)	005.0	02800
	DIPAC	DIPAC	010		HF	R	FB		280.2(274T)	004.0	02800
	TARTO	TARTO	010		IF		FB				
	TARTO	FANAP	020	IAF	TF		FB	2.0	061.6(056T)	013.1	03000
	TARTO	DIPAC	030		TF		FB	1.0	010.2(004T)	005.0	02800
		DIPAC	010	FACF	IF		FB				02800
		ANOBE	020	FAF	TF		FB	0.5	280.2(274T)	006.2	02800
		RW28	030	MAP	TF		FO	0.3	280.1(274T)	005.9	00904

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	280.1(274T)		01268
	HASPI	050		DF		FO	1.0			02700
	HASPI	060		HM	R	FO	2.0	099.9(094T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APE	N400903.82	W0823517.88	N4009.064	W08235.298
	ANOBE	N394453.67	W0823122.78	N3944.895	W08231.380
	COMID	N394925.98	W0822252.78	N3949.433	W08222.880
	DIPAC	N394426.55	W0822321.43	N3944.443	W08223.357
	FANAP	N393927.12	W0822350.01	N3939.452	W08223.834
	HASPI	N394609.50	W0825447.83	N3946.158	W08254.797
	TARTO	N393205.07	W0823748.05	N3932.085	W08237.801
	RW28	N394518.75	W0823857.15	N3945.313	W08238.953

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00864	40

CITY AND STATE
LANCASTER, OH

ELEVATION: 868 TDZE: 864
 AIRPORT NAME:
 FAIRFIELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 28, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

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

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE APR 10 2008

CITY AND STATE LANCASTER, OH	ELEVATION: 868 TDZE: 864 AIRPORT NAME: FAIRFIELD COUNTY	FACILITY IDENTIFIER: LH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 28, AMDT 8A, 10/05/2000	SUP AMDT 8 DATE 08/13/1998
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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	LNAV: RW13 CLIMB TO 3000 DIRECT NACIS AND VIA 045.42 TRACK TO LEBJE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 245.10 INBOUND. CHART FAS OBST: 1094 TREE 403802N/0830434W CHART 1275 TOWER 403748N/0830731W. SERIE TO RW13: 3.04/40.
JUVDU (IAF)	OTOG (NOPT) (FB)	206.01 / 5.75	2600	
ESSIE (IAF)	OTOG (NOPT) (FB)	034.73 / 11.12	2600	
OTOG (IF/IAF)	SERIE (FB)	124.81 / 6.31	2500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW OTOGE, RT, 124.81 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 124.88 FAF: SERIE DIST FAF TO MAP: 4.57 THLD: 4.57
- MIN. ALT: OTOG 2600, SERIE 2500, UYELE/2.50 NM TO RW13 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 NOT CLEAR
- MSA FROM: RW13 3100

MAG VAR: 5W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A			STANDARD @							
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		1360	1	370	1360	1	370	1360	1	370	1360	1 1/4	370			
CIRCLING		1480	1	487	1500	1	507	1540	1 1/2	547	1560	2	567			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JUVDU VIA V435 NORTHBOUND, AND V416-542 EASTBOUND.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 993 TDZE: 990	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARION, OH	AIRPORT NAME: MARION MUNI		RNAV (GPS) RWY 13, ORIG	AMDT: NONE
			APR 10 2008	DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OHIO STATE ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND VISIBILITY CATS C AND D AND CIRCLING CAT C 1/4 MILE.

CITY AND STATE

MARION, OH

ELEVATION: 993 TDZE: 990

AIRPORT NAME:

MARION MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

APR 10 2003

SUP:

AMDT: NONE

DATED:



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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMNNK5FR13	AESSIE	010ESSIEK5EA0E	A	IF					18000		B	JS
SUSAP	KMNNK5FR13	AESSIE	020OTOGEK5EA0EE		010TF		03470111	+	02600			B	JS
SUSAP	KMNNK5FR13	AJUVDU	010JUVDUK5EA0E	A	IF					18000		B	JS
SUSAP	KMNNK5FR13	AJUVDU	020OTOGEK5EA0EE		010TF		20600058	+	02600			B	JS
SUSAP	KMNNK5FR13	AOTIGE	010OTOGEK5EA0EE	CR	HF		12480040	+	02600	18000		B	JS
SUSAP	KMNNK5FR13	R	010OTOGEK5EA0E	I	IF			+	02600	18000		B	JS
SUSAP	KMNNK5FR13	R	020SERIEK5EA1E	F	051TF		12480063	+	02500		RW13	K5PGB	JS
SUSAP	KMNNK5FR13	R	020SERIEK5EA2WN			N	ALNAV						JS
SUSAP	KMNNK5FR13	R	021UYELEK5EA0E	S	031TF		12490021	V	0180001828		-304	B	JS
SUSAP	KMNNK5FR13	R	030RW13	K5PGOGY	M	031TF	12490025		01026		-304	B	JS
SUSAP	KMNNK5FR13	R	040NACISK5EA0E	M	010DF							B	JS
SUSAP	KMNNK5FR13	R	050LEBJEK5EA0EY		010TF		0454	+	03000			B	JS
SUSAP	KMNNK5FR13	R	060LEBJEK5EA0EE	HR	020HM		24510050	+	03000			B	JS

[illegible]

CITY AND STATE MARION, OH	ELEVATION: 993 TDZE: 990 AIRPORT NAME: MARION MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

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MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMNNK5SRW13 K5PG 0 18018003125 M

CITY AND STATE
MARION, OH

ELEVATION: 993 TDZE: 990
AIRPORT NAME:
MARION MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
APR 10 2003

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ESSIE	ESSIE	010	IAF	IF		FB				
	ESSIE	OTOGE	020		TF		FB	1.0	034.7 (030T)	011.1	02600
	JUVDU	JUVDU	010	IAF	IF		FB				
	JUVDU	OTOGE	020		TF		FB	1.0	206.0 (201T)	005.8	02600
	OTOGE	OTOGE	010		HF	R	FB		124.8 (120T)	004.0	02600
		OTOGE	010	FACF	IF		FB				02600
		SERIE	020	FAF	TF		FB	0.5	124.8 (120T)	006.3	02500
		UYELE	021	SDF	TF		FB	0.3	124.9 (120T)	002.1	01800
		RW13	030	MAP	TF		FO	0.3	124.9 (120T)	002.5	01026

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NACIS	040		DF		FB	1.0			
	LEBJE	050		TF		FO	1.0	045.4 (040T)		03000
	LEBJE	060		HM	R	FO	2.0	245.1 (240T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ESSIE	N403300.00	W0832346.82	N4033.000	W08323.780
	JUVDU	N404801.96	W0831349.00	N4048.033	W08313.817
	LEBJE	N404246.56	W0825024.75	N4042.776	W08250.413
	NACIS	N403501.59	W0825905.57	N4035.027	W08259.093
	OTOGE	N404239.71	W0831631.64	N4042.662	W08316.527
	SERIE	N403931.24	W0830920.11	N4039.521	W08309.335
	UYELE	N403829.28	W0830658.61	N4038.488	W08306.977
	RW13	N403714.40	W0830407.86	N4037.240	W08304.131

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
	RW13	00986 40

CITY AND STATE
MARION, OH

ELEVATION: 993 TDZE: 990
 AIRPORT NAME:
 MARION MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:



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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE APR 10 2008

CITY AND STATE MARION, OH	ELEVATION: 993 TDZE: 990 AIRPORT NAME: MARION MUNI	FACILITY IDENTIFIER: MNN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 13, AMDT 4B, 06/04/1998	SUP
				AMDT 4A
				DATE 12/09/97



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 2, STANDARD WITH A MINIMUM CLIMB OF 412' PER NM TO 1700, OR 600-2 1/2 WITH MINIMUM CLIMB OF 289' PER NM TO 1900, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 20, 300-1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 336' PER NM TO 1300.

RWY 10, STANDARD WITH A MINIMUM CLIMB OF 585' PER NM TO 1800, OR 700-3 WITH MINIMUM CLIMB OF 340' PER NM TO 1800, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 28, 400-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 457' PER NM TO 1500.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 2-FOR CLIMB IN VISUAL CONDITIONS: CROSS WADSWORTH MUNI AIRPORT AT OR ABOVE 1900 MSL BEFORE PROCEEDING ON COURSE.

RWY 10-FOR CLIMB IN VISUAL CONDITIONS: CROSS WADSWORTH MUNI AIRPORT AT OR ABOVE 1900 MSL BEFORE PROCEEDING ON COURSE.

RWY 28-CLIMB HEADING 277.21 TO 1600 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, VEHICLE ON ROAD 23' FROM DER, 404' RIGHT OF CENTERLINE, 15' AGL/994' MSL. POWERLINE 1,425' FROM DER, LEFT AND RIGHT OF CENTERLINE, 40' AGL/1,029' MSL. TREES BEGINNING 2,947' FROM DER, 80' LEFT OF CENTERLINE, UP TO 100' AGL/1,129' MSL. TREES BEGINNING 4,490' FROM DER, 119' RIGHT OF CENTERLINE, UP TO 100' AGL/1249' MSL.

NOTE: RWY 20, VEHICLE ON ROAD 289' FROM DER, LEFT AND RIGHT OF CENTERLINE, 15' AGL/994' MSL. TREES BEGINNING 389' FROM DER, 194' LEFT OF CENTERLINE, UP TO 100' AGL/1,079' MSL. TREES BEGINNING 1,921' FROM DER, 605' RIGHT OF CENTERLINE, UP TO 100' AGL/1,099' MSL.
(CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 2: 1581 MSL TOWER 410040.00N/0814205.00W, 1676 MSL TOWER 410338.16N/0814421.32W, 1510 MSL TOWER 410206.64N/0814527.68W

RWY 20: 1189 MSL TREE 405855.00N/0814511.00W

RWY 10: 1581 MSL TOWER 410040.00N/0814205.00W, 1219 MSL TREE 410007.05N/ 0814434.61W, 1516 MSL TOWER 405906.19N/0814134.45W, 1552 MSL TOWER 405900.55N/0914103.23W

RWY 28: 1209 MSL TREE 410020.00N/0814642.00W, 1419 AAO 410126.34N/0814929.91W

(5) City, State

WADSWORTH, OH

(6) Airport

WADSWORTH MUNI

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1

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

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

(3) TAKEOFF OBSTACLE NOTES: (CONT'D) NOTE: RWY 10, TREES BEGINNING 2,813' FROM DER, 245' RIGHT OF CENTERLINE, UP TO 100' AGL/1,289' MSL. TREES BEGINNING 1,659' FROM DER, 56' LEFT OF CENTERLINE, UP TO 100' AGL/1,319' MSL.

NOTE: RWY 28, BUILDING 249' FROM DER, 530' RIGHT OF CENTERLINE, 24' AGL/989' MSL. TREES BEGINNING 169' FROM DER, 198' LEFT OF CENTERLINE, UP TO 100' AGL/ 1,079' MSL. TREES BEGINNING 3,698' FROM DER, 9' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1,299' MSL.

(4) CONTROLLING OBSTACLES: (CONT'D) VCOA (RWY 2, 10): 1581 MSL TOWER 410040.00N/0814205.00W, 1676 MSL TOWER 410228.16N/0914421.32W

City, State WADSWORTH, OH		Airport WADSWORTH MUNI		Effective Date APR 10 2008	Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YNG VORTAC	MOSKI OM/INT	276.64 / 4.42	2900	ILS: DA LOC: 5.12 MILES AFTER MOSKI OM /INT CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 115 AND YNG VORTAC R-161 TO FETCH LOM/INT/YNG 8.60 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 DIRECT FETCH LOM AND HOLD SE, RT, 322.97 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD S, RT, 340.62 INBOUND. CHART FAS OBST: 1186 TOWER 411744N/0804341W CHART: ALTERNATE MA HOLDING, HOLD SE FETCH LOM, RT, 322.97 CHART: ASR

1. PT L SIDE OF COURSE 322.95 OUTBOUND 2900 FT WITHIN 10 MILES OF MOSKI OM (IAF)
 2. .
 3. FAC: 142.95 FAF: MOSKI OM/INT DIST FAF TO MAP: 5.12 THLD: 5.12
 4. MIN. ALT: MOSKI 2900
 5. DIST TO THLD FROM OM: 5.12 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 952
 6. MIN GS INCPT: 2900 GS ALT AT: GS INTCP OM: 2818 MM: - IM: -
 7. GS ANGLE: 3.00 TCH: 57.2
 8. MSA FROM: YNG VORTAC 3600

MAG VAR: 8W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY >>>>>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 14	1334	2400	200	1334	2400	200	1334	2400	200	1334	2400	200				
S-LOC 14	1580	2400	446	1580	2400	446	1580	4000	446	1580	5000	446				
CIRCLING	1640	1	444	1660	1	464	1660	1 1/2	464	1760	2	564				

NOTES:

CITY AND STATE YOUNGSTOWN/WARREN, OH	ELEVATION: 1196 TDZE: 1134	FACILITY IDENTIFIER: I-MQK	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 14, AMDT 7 APR 10 2008	SUP: ILS RWY 14
	AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL			AMDT: 6A
				DATED 06/23/1998

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
YNG VORTAC	FETCH LOM/INT	160.55 / 8.59	2900	ILS: DA LOC: 4.67 MILES AFTER FETCH LOM/INT CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2900 DIRECT YNG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900; OR WHEN DIRECTED BY ATC, CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT FETCH LOM AND HOLD SE, RT, 322.97 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD N, LT, 183.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE FETCH LOM, RT, 322.97 CHART FAS OBST: 1330 ANT 411414N/0803841W CHART 1489 TOWER 411111N/0803330W CHART: ASR

1. PT L SIDE OF COURSE 142.97 OUTBOUND 2900 FT WITHIN 10 MILES OF FETCH LOM (IAF)
2. _____
3. FAC: 322.97 FAF: FETCH LOM/INT DIST FAF TO MAP: 4.67 THLD: 4.67
4. MIN. ALT: FETCH LOM 2900
5. DIST TO THLD FROM OM: 4.67 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 746
6. MIN GS INCPT: 2900 GS ALT AT: GS INTCP OM: 2726 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 35.3
8. MSA FROM: YN LOM 090-270 3600, 270-090 3000

MAG VAR: 8W EPOCH YEAR: 1990

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	ILS: STANDARD	LOC: STANDARD									
CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 32	1385	2400	200	1385	2400	200	1385	2400	200	1385	2400	200			
S-LOC 32	1580	2400	395	1580	2400	395	1580	2400	395	1580	4000	395			
CIRCLING	1640	1	444	1660	1	464	1660	1 1/2	464	1760	2	564			

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CITY AND STATE YOUNGSTOWN/WARREN, OH	ELEVATION: 1196 TDZE: 1185	FACILITY IDENTIFIER: I-YNG	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 32, AMDT 26 APR 10 2008	SUP: ILS RWY 32
	AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL			AMDT: 25B
				DATED 04/11/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES					MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 4.67 MILES AFTER YN NDB CLIMBING RIGHT TURN TO 2900 DIRECT YNG VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900. ADDITIONAL FLIGHT DATA: HOLD N, LT, 183.00 INBOUND. FAS OBST: 1399 AAO 411233N/0803747W YN NDB TO RW32: 3.18/40. CHART: ASR								
YNG VORTAC	YN NDB	160.55 / 8.59	2900									
1. PT <u>L</u> SIDE OF COURSE <u>142.89</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>YN NDB</u> (IAF) 2. _____ 3. FAC <u>322.89</u> FAF YN NDB DIST FAF TO MAP <u>4.67</u> THLD <u>4.67</u> 4. MIN. ALT <u>YN NDB 2800</u> 8. MSA FROM: <u>YN NDB 090-270 3600, 270-090 3000</u>					MAG VAR: <u>8W</u> EPOCH YEAR: <u>1990</u>							
MINIMUMS												
TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE:	N A	☒			
CATEGORY >>>>>	A		B			C			D		E	
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-32	1700	4000	515	1700	4000	515	1700	5000	515	1700	1 1/2	515
CIRCLING	1700	1	504	1700	1	504	1700	1 1/2	504	1760	2	564
NOTES:												
CITY AND STATE			ELEVATION: 1196 TDZE: 1185		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP NDB OR GPS RWY		
YOUNGSTOWN/WARREN, OH			AIRPORT NAME:		YN		NDB RWY 32, AMDT 19			32		
			YOUNGSTOWN/WARREN REGIONAL				APR 10 2008			AMDT 18A		
										DATE 01/21/2000		

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
YNG VORTAC	OTNOE (FO)	305.38 / 10.04	2900	LPV: DA LNAV/VNAV: DA LNAV: RW14 CLIMB TO 2900 DIRECT UNERE AND HOLD.			
OTNOE (IF/IAF)	ZAVIB (FB)	142.83 / 6.09	2900				
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 323.08 INBOUND. CHART FAS OBST: 1229 TREE 411645N/0804105W CHART FAS OBST: 1249 TREE 411627N/0804055W DISTANCE TO THLD FROM 250 HAT: 0.69 NM. CHART VDP AT 1.18 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 49205 REFERENCE PATH ID: W14A CHART: ASR			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW OTNOE, RT, 142.83 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: 142.90 FAF: ZAVIB DIST FAF TO MAP: 5.37 THLD: 5.37 4. MIN. ALT: OTNOE 2900, ZAVIB 2900 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2900 GS ALT AT: ZAVIB OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 57.2 34:1 IS CLEAR 8. MSA FROM: RW14 3600							
				MAG VAR: 8W EPOCH YEAR: 1990			
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD		
CATEGORY =====>	A		B		C		D
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	1384	2400	250	1384	2400	250	1384
LNAV/VNAV DA	1499	4000	365	1499	4000	365	1499
LNAV MDA	1540	2400	406	1540	2400	406	1540
CIRCLING	1640	1	444	1660	1	464	1660
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YNG VORTAC VIA AIRWAY RADIALS 325 CW 028.							
CITY AND STATE		ELEVATION: 1196 TDZE: 1134		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
YOUNGSTOWN/WARREN, OH		AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL				SUP: NONE	
						DATED	
						APR 10 2008	

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KYNG
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	411622.3800N
LTP/FTP LONGITUDE	0804132.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	+03036
FPAP LATITUDE	411519.5300N
FPAP LONGITUDE	0804009.0500W
THRESHOLD CROSSING HEIGHT (TCH)	00057.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER E6BF6E4F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03374
FPAP ORTHOMETRIC HEIGHT	+03374

CITY AND STATE YOUNGSTOWN/WARREN, OH	ELEVATION: 1196 TDZE: 1134 AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KYNGK5FR14	AYNG	010YNG	K5D	0VY	IF					18000		A JS	
SUSAP KYNGK5FR14	AYNG	0200TNOEK5EA0E	020TF			30540100		+ 02900				A JS	
SUSAP KYNGK5FR14	AYNG	0300TNOEK5EA0EE	CR	HF		14280040		+ 02900				A JS	
SUSAP KYNGK5FR14	R	0100TNOEK5EA0E	I	IF				+ 02900		18000		A JS	
SUSAP KYNGK5FR14	R	020ZAVIBK5EA0E	F	051TF		14280061		+ 02900			RW14	K5PGA JS	
SUSAP KYNGK5FR14	R	030RW14	K5PG0GY	M	031TF	14290054		01164		-300		A JS	
SUSAP KYNGK5FR14	R	040UNEREK5EA0EYM	010DF					+ 02900				A JS	
SUSAP KYNGK5FR14	R	050UNEREK5EA0EE	HR02GHM			32310040		+ 02900				A JS	

[illegible][illegible]

CITY AND STATE YOUNGSTOWN/WARREN, OH	ELEVATION: 1196 TDZE: 1134	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 14, ORIG	AMDT: NONE
	YOUNGSTOWN/WARREN REGIONAL		APR 10 2008	DATED:

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

[illegible]

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
	YNG	YNG	010		IF		FO				
	YNG	OTNOE	020		TF		FB	2.0	305.4 (297T)	010.0	02900
	YNG	OTNOE	030		HF	R	FB		142.8 (135T)	004.0	02900
		OTNOE	010	FACF	IF		FB				02900
		ZAVIB	020	FAF	TF		FB	0.5	142.8 (135T)	006.1	02900
		RW14	030	MAP	TF		FO	0.3	142.9 (135T)	005.4	01164

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	UNERE	040		DF		FO	1.0			02900
	UNERE	050		HM	R	FO	2.0	323.1 (315T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YNG	N411951.68	W0804028.75	N4119.861	W08040.479
	OTNOE	N412428.17	W0805219.50	N4124.470	W08052.325
	UNERE	N410732.69	W0802951.61	N4107.545	W08029.860
	ZAVIB	N412010.07	W0804635.23	N4120.168	W08046.587
	RW14	N411622.38	W0804132.46	N4116.373	W08041.541

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW14	01107		57

CITY AND STATE
 YOUNGSTOWN/WARREN, OH

ELEVATION: 1196 TDZE: 1134
 AIRPORT NAME:
 YOUNGSTOWN/WARREN REGIONAL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 14, ORIG

APR 10 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
YNG VORTAC	UNERE (FO)	154.88 / 14.69	2900	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 2900 DIRECT OTNOE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 142.83 INBOUND. CHART FAS OBST: 1330 TOWER 411421N/0803937W DISTANCE TO THLD FROM 272 HAT: 0.75 NM. CHART VDP AT 1.12 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 97406 REFERENCE PATH ID: W32A CHART: ASR			
UNERE (IF/IAF)	ULICI (FB)	323.08 / 6.10	2800				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE UNERE, RT, 323.08 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: <u>323.02</u> FAF: <u>ULICI</u> DIST FAF TO MAP: <u>4.90</u> THLD: <u>4.90</u> 4. MIN. ALT: <u>UNERE 2900, ULICI 2800, SUYOT/2.60 NM TO RW32 2040*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>ULICI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>35.3</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW32 3600</u>				MAG VAR: <u>8W</u> EPOCH YEAR: <u>1990</u>			
MINIMUMS							
TAKEOFF: <u> </u>		STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: <u>N A</u>		STANDARD	
CATEGORY =====>	A		B		C		D
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	1457	2400	272	1457	2400	272	1457
LNAV/VNAV DA	1638	6000	453	1638	6000	453	1638
LNAV MDA	1580	2400	395	1580	2400	395	1580
CIRCLING	1640	1	444	1660	1	464	1760
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000 AND LNAV CAT D VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (02F) OR ABOVE 46C (114F). SEE 8260-10							
CITY AND STATE		ELEVATION: 1196 TDZE: 1185		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
YOUNGSTOWN/WARREN, OH		AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL				RNAV (GPS) RWY 32, ORIG	
						APR 10 2008	
						SUP: AMDT: NONE	
						DATED	

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

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NOTES CONT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YNG VORTAC VIA AIRWAY RADIALS 106 CW 182.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CITY AND STATE
YOUNGSTOWN/WARREN, OH

ELEVATION: 1196 TDZE: 1185
AIRPORT NAME:
YOUNGSTOWN/WARREN REGIONAL

FACILITY
IDENTIFIER:
RNAV

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

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KYNG
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W32A
REFERENCE PATH IDENTIFIER (APPROACH ID)	411519.5300N
LTP/FTP LATITUDE	0804009.0500W
LTP/FTP LONGITUDE	+03272
LTP/FTP ELLIPSOIDAL HEIGHT	411622.5800N
FPAP LATITUDE	0804132.7200W
FPAP LONGITUDE	00035.3
THRESHOLD CROSSING HEIGHT (TCH)	F
TCH UNITS SELECTOR (METERS OR FEET USED)	03.00
GLIDEPATH ANGLE (GPA)	106.50
COURSE WIDTH AT THRESHOLD	0008
LENGTH OFFSET	40.0
HORIZONTAL ALERT LIMIT (HAL)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER DECB294F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03611
FPAP ORTHOMETRIC HEIGHT	+03611

CITY AND STATE YOUNGSTOWN/WARREN, OH	ELEVATION: 1196 TDZE: 1185 AIRPORT NAME: YOUNGSTOWN/WARREN REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KYNGK5FR32	AYNG	010YNG	K5D	OYY	IF					18000		A JS	
SUSAP KYNGK5FR32	AYNG	020UNEREK5EA0E	A	020TF		15490147		+ 02900				A JS	
SUSAP KYNGK5FR32	AYNG	030UNEREK5EA0EE	CR	HF		32310040		+ 02900				A JS	
SUSAP KYNGK5FR32	R	010UNEREK5EA0E	I	IF				+ 02900	18000			A JS	
SUSAP KYNGK5FR32	R	020ULICIK5EA0E	F	051TF		32310061		+ 02800			RW32	K5PGA JS	
SUSAP KYNGK5FR32	R	021SUYOTK5EA0E	S	031TF		32300023		V 0204002151		-300		A JS	
SUSAP KYNGK5FR32	R	030RW32	K5PGOGY	M	031TF	32300026		01220		-300		A JS	
SUSAP KYNGK5FR32	R	040OTNOEK5EA0EYM		010DF				+ 02900				A JS	
SUSAP KYNGK5FR32	R	050OTNOEK5EA0EE		HR020HM		14280040		+ 02900				A JS	

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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

[illegible]

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YNG	YNG	010		IF		FO				
	YNG	UNERE	020	IAF	TF		FB	2.0	154.9(147T)	014.7	02900
	YNG	UNERE	030		HF	R	FB		323.1(315T)	004.0	02900
		UNERE	010	FACF	IF		FB				02900
		ULICI	020	FAF	TF		FB	0.5	323.1(315T)	006.1	02800
		SUYOT	021	SDF	TF		FB	0.3	323.0(315T)	002.3	02040
		RW32	030	MAP	TF		FO	0.3	323.0(315T)	002.6	01220

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OTNOE	040		DF		FO	1.0			02900
	OTNOE	050		HM	R	FO	2.0	142.8(135T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	YNG	N411951.68	W0804028.76	N4119.861	W08040.479
	OTNOE	N412428.17	W0805219.50	N4124.470	W08052.325
	SUYOT	N411329.19	W0803742.79	N4113.487	W08037.713
	ULICI	N411151.75	W0803533.78	N4111.863	W08035.563
	UNEPE	N410732.69	W0802951.61	N4107.545	W08029.860
	RW32	N411519.53	W0804009.05	N4115.326	W08040.151

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01185	35

CITY AND STATE
YOUNGSTOWN/WARREN, OH

ELEVATION: 1196 TDZE: 1185
AIRPORT NAME:
YOUNGSTOWN/WARREN REGIONAL

**FACILITY
 IDENTIFIER:**
RNAV

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

APR 10 2008

SUP:
AMDT: NONE
DATED:

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

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 APR 10 2008																		
CITY AND STATE EL RENO, OK				ELEVATION: 1418 TDZE: 1418 AIRPORT NAME: EL RENO REGIONAL				FACILITY IDENTIFIER: GPS				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 35, ORIG, 12/05/1996				SUP AMDT NONE DATE		

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
COOBE	LNDDA (FB)	196.15 / 11.65	4000	LNAV: RW07
TALLS	RONAE (FB)	068.39 / 16.11	4000	
LNDDA (IAF)	JIMTU (FB)	160.20 / 6.00	4000	CLIMB TO 4200 DIRECT COVNA AND VIA 100.16 TRACK TO HONLU AND HOLD.
RONAE (IAF)	JIMTU (FB)	350.27 / 5.70	4000	
JIMTU (IF)	ULUKE (FB)	070.24 / 5.00	4000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 094.48 INBOUND. CHART FAS OBST: 1979 TREES 411007N/0785629W CHART VDP AT 1.24 MILES TO RW07. PLEAZ TO RW07: 3.05/30
ULUKE	PLEAZ (FB)	070.24 / 2.64	3600	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT JIMTU
- FAC: 070.34 FAF: PLEAZ DIST FAF TO MAP: 5.42 THLD: 5.42
- MIN. ALT: JIMTU 4000, ULUKE 4000, PLEAZ 3600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW07 4200

MAG VAR: 8W

EPOCH YEAR: 1980

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	2240	1	423	2240	1	423	2240	1 1/4	423	2240	1 1/4	423			
CIRCLING	2300	1	483	2320	1	503	2320	1 1/2	503	2380	2	563			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLEARFIELD ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET, LNAV CATS C/D AND CIRCLING CAT C VISIBILITY 1/2 MILE.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE DUBOIS, PA	ELEVATION: 1817 TDZE: 1817 AIRPORT NAME: DUBOIS RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG-A APR 10 2008	SUP:
				AMDT: ORIG
				DATED 12/20/2007

QUALITY
CHECKED

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

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

NOTES CONT.**CHART NOTE: VDP NA WITH CLEARFIELD ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COOBE VIA V119 NORTH EASTBOUND.**

CITY AND STATE

DUBOIS, PA

ELEVATION: 1817 TDZE: 1817

AIRPORT NAME:

DUBOIS RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, ORIG-A

APR 10 2008

SUP:

AMDT: ORIG

DATED: 12/20/2007

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

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

CITY AND STATE DUBOIS, PA	ELEVATION: 1817 TDZE: 1817 AIRPORT NAME: DUBOIS RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, ORIG-A APR 10 2006	SUP:	
				AMDT:	ORIG
				DATED:	12/20/2007

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

SUSAP KDUJK6GRW07 0055040704 N41102917W078542720 +0521401817000030100R

[illegible]

SUSAP KDUJK6SRW07 K6PG 0 18018004225 M

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

APR 10 2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COOBE	COOBE	010		IF		FB				
	COOBE	LNDDA	020	IAF	TF		FB	2.0	196.2 (188T)	011.7	04000
	COOBE	JIMTU	030		TF		FB	1.0	160.2 (152T)	006.0	04000
	TALLS	TALLS	010		IF		FB				
	TALLS	RONAE	020	IAF	TF		FB	2.0	068.4 (060T)	016.1	04000
	TALLS	JIMTU	030		TF		FB	1.0	350.3 (342T)	005.7	04000
		JIMTU	010	FACF	IF		FB				04000
		ULUKE	011	SDF	TF		FB	0.5	070.2 (062T)	005.0	04000
		PLEAZ	020	FAF	TF		FB	0.5	070.2 (062T)	002.6	03600
		RW07	030	MAP	TF		FO	0.3	070.3 (062T)	005.4	01847

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COVNA	040		DF		FB	1.0			
	HONLU	050		TF		FO	1.0	100.2 (092T)		04200
	HONLU	060		HM	R	FO	2.0	094.5 (087T)	004.0	04200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COOBE	N412116.33	W0791116.15	N4121.272	W07911.269
	COVNA	N411152.53	W0785055.87	N4111.876	W07850.931
	HONLU	N411129.06	W0783739.06	N4111.484	W07837.651
	JIMTU	N410425.03	W0790945.46	N4104.417	W07909.758
	LNDDA	N410943.72	W0791327.46	N4109.729	W07913.458
	PLEAZ	N410758.17	W0790048.94	N4107.970	W07900.816
	RONAE	N405859.11	W0790727.72	N4058.985	W07907.462
	TALLS	N405102.72	W0792557.14	N4051.045	W07925.952
	ULUKE	N410644.68	W0790354.24	N4106.745	W07903.904
	RW07	N411029.17	W0785427.20	N4110.486	W07854.453

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW07	01817		30

CITY AND STATE
DUBOIS, PA

ELEVATION: 1817 TDZE: 1817
 AIRPORT NAME:
 DUBOIS RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 7, ORIG-A

APR 10 2008

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

CKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM			TO			COURSE AND DISTANCE				ALTITUDE		MAP: CIP R-092/24.90 DME FIX									
CIP VOR/DME (IAF)			JUSTS/CIP 9.00 DME (NOPT)			092.00 / 9.00				3500		CLIMBING RIGHT TURN TO 3300 VIA CIP VOR/DME R-092 TO OREST/CIP 19.00 DME AND HOLD.									
JUSTS/CIP 9.00 DME (IF)			OREST/CIP 19.00 DME			092.00 / 10.00 (CIP R-092)				3300											
														ADDITIONAL FLIGHT DATA: CHART FAS OBST: 2040 T/T 410820N/0785418W							
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)																					
2. HOLD W OREST, RT, 092.00 INBOUND, 3300 FT. IN LIEU OF PT (IAF)																					
3. FAC <u>092.00</u> FAF <u>OREST/CIP 19.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.90</u>																					
4. MIN. ALT <u>OREST 3300</u>																					
8. MSA FROM: CIP VOR/DME 26 NM 3300														MAG VAR: 6W				EPOCH YEAR: 1965			
MINIMUMS																					
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD							
CATEGORY =====>		A			B			C			D			E							
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA					
S-7		2300	1	483	2300	1 1/4	483	2300	1 1/2	483	2300	1 3/4	483								
CIRCLING		2300	1	483	2320	1 1/4	503	2320	1 1/2	503	2380	2	563								
NOTES:																					
CITY AND STATE				ELEVATION: 1817 TDZE: 1817				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
DUBOIS, PA				AIRPORT NAME:				CIP				VOR/DME RWY 7, AMDT 3A				AMDT 3					
				DUBOIS RGNL								APR 10 2008				DATE 10/14/1987					

 QUALITY
Checked

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 7, 25, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, WIND SOCK 31' FROM DER, 452' LEFT OF CENTERLINE, 29' AGL/1833 MSL. TREE 1608' FROM DER, 700' RIGHT OF CENTERLINE, UP TO 100' AGL, 1859' MSL.

NOTE: RWY 25, ANTENNA AND TREES 170' FROM DER, 261' LEFT OF CENTERLINE, UP TO 75' AGL/1855' MSL. TREES 283' FROM DER, 419' RIGHT OF CENTERLINE, UP TO 69' AGL/1849' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

DUBOIS, PA

(6) Airport

DUBOIS REGIONAL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PVD VORTAC (IF/AF)	FEKWU (FB)	164.96 / 8.00	1800	LNAV: HAXEM CLIMB TO 2100 DIRECT RUBLE AND VIA 169.02 TRACK TO NICOD AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 165.00 INBOUND. CHART FAS OBST: 349 AAO 413618N/0711850W FEKWU TO RW16: 3.04/40 FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N PVD VORTAC, RT, 164.96 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 165.73 FAF: FEKWU DIST FAF TO MAP: 4.51 THLD: 5.00
- MIN. ALT: PVD VORTAC 3000, FEKWU 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 NOT CLEAR
- MSA FROM: HAXEM 2200

MAG VAR: 15W

EPOCH YEAR: 1995

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	438	600	1	438	600	1 1/4	438		NA				
CIRCLING	700	1	528	700	1	528	700	1 1/2	528		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PVD VORTAC AIRWAY RADIALS 234 CW 093.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE NEWPORT, RI	ELEVATION: 172 TDZE: 162 AIRPORT NAME: NEWPORT STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG APR 10 2008	SUP: AMDT: NONE 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.

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

CHART NOTE: VDP NA WITH PROVIDENCE ALTIMETER SETTING.

CITY AND STATE

NEWPORT, RI

ELEVATION: 172 TDZE: 162

AIRPORT NAME:

NEWPORT STATE

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE NEWPORT, RI	ELEVATION: 172 TDZE: 162 AIRPORT NAME: NEWPORT STATE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG APR 10 2000	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PVD	PVD	010		HF	R	FB		165.0(150T)	004.0	03000
		PVD	010	FACF	IF		FB				
		FEKWU	020	FAF	TF		FB	0.5	165.0(150T)	008.0	01800
		HAXEM	030	MAP	TF		FO	0.3	165.7(151T)	004.5	00186

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	165.7(151T)		00572
	RUBLE	050		DF		FB	1.0			
	NICOD	060		TF		FO	1.0	169.0(154T)		02100
	NICOD	070		HM	R	FO	2.0	165.0(150T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PVD	N414327.64	W0712546.70	N4143.461	W07125.778
	FEKWU	N413631.76	W0712026.35	N4136.529	W07120.439
	HAXEM	N413235.54	W0711730.13	N4132.592	W07117.502
	NICOD	N412436.38	W0711154.39	N4124.606	W07111.907
	RUBLE	N412813.66	W0711415.01	N4128.228	W07114.250
	RW16	N413211.70	W0711706.69	N4132.195	W07117.112

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16	00146	40

CITY AND STATE
NEWPORT, RI

ELEVATION: 172 TDZE: 162
 AIRPORT NAME:
 NEWPORT STATE

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

APR 10 2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH						
FROM	TO	COURSE AND DISTANCE				ALTITUDE		MAP: 13.00 DME FIX CLIMB TO 2100 VIA PVD R-165 TO NICOD INT/ 21.53 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 165.00 INBOUND. CHART FAS OBST: 314 TOWER 413203N/0711841W FEKWU TO RW16: 3.04/40 FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.								
PVD VORTAC (IF/AF)	FEKWU/8.00 DME	163.96 / 8.00				1800										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N PVD VORTAC, RT, 164.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC <u>163.96</u> FAF <u>FEKWU/8.00 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.00</u> 4. MIN. ALT <u>PVD VORTAC 3000, FEKWU 1800</u> 8. MSA FROM: <u>PVD VORTAC 2600</u>										MAG VAR: 14W EPOCH YEAR: 1965						
MINIMUMS																
TAKEOFF: ☐ STANDARD ☒ X		SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: NA		STANDARD @							
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-16		680	1	518	680	1	518	680	1 1/2	518		NA				
CIRCLING		700	1	528	700	1	528	700	1 1/2	528		NA				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PVD VORTAC AIRWAY RADIALS 263 CW 058. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PROVIDENCE ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.																
CITY AND STATE		ELEVATION: 172 TDZE: 162			FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR/DME OR GPS					
NEWPORT, RI		AIRPORT NAME:			PVD		VOR/DME RWY 16, AMDT 1				RWY 16					
		NEWPORT STATE					APR 10 2008				AMDT ORIG-B					
											DATE 02/19/2004					

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 20, STANDARD.

RWY 2, 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 231 FEET PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1700 FEET PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 20,** TREES BEGINNING 984' FROM DER, 704' LEFT OF CENTERLINE, UP TO 100' AGL/779' MSL. TREES BEGINNING 2342' FROM DER, 64' LEFT OF CENTERLINE, UP TO 100' AGL/788' MSL. TERRAIN BEGINNING 208' FROM DER, 275' RIGHT OF CENTERLINE, UP TO 0' AGL/688' MSL. TREES BEGINNING 1520' FROM DER, 747' RIGHT OF CENTERLINE, UP TO 100' AGL/788' MSL. TREES BEGINNING 2708' FROM DER, 3' RIGHT OF CENTERLINE, UP TO 100' AGL/763' MSL. **NOTE: RWY 2,** TREES BEGINNING 1380' FROM DER, 166' LEFT OF CENTERLINE, UP TO 100' AGL/729' MSL. POWERLINE TOWER 5476' FROM DER, 780' LEFT OF CENTERLINE, 180' AGL/819' MSL. VEHICLE ON ROAD AND TREES BEGINNING 12' FROM DER, 448' RIGHT OF CENTERLINE, UP TO 100' AGL/759' MSL. TREES BEGINNING 1856' FROM DER, 26' RIGHT OF CENTERLINE, UP TO 100' AGL/739' MSL. POWERLINE TOWER 4535' FROM DER, 1712' RIGHT OF CENTERLINE, 180' AGL/789' MSL.

(4) CONTROLLING OBSTACLES:

RWY 2: 819 MSL POWERLINE TOWER 350037.49N/0810315.79W.

(5) City, State

ROCK HILL, SC

(6) Airport

ROCK HILL/YORK CO/BRYANT FIELD

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

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

RWY 27, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 224 FT PER NM TO 500, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1,600 FT PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, LIGHT POLE AND MULTIPLE TREES BEGINNING 1,498' FROM DER, 800' LEFT OF CENTERLINE, UP TO 81' AGL/390' MSL.

NOTE: RWY 18L, MULTIPLE TREES BEGINNING 1,262' FROM DER, 601' LEFT OF CENTERLINE, UP TO 90' AGL/419' MSL. MULTIPLE TREES BEGINNING 2,692' FROM DER, 224' RIGHT OF CENTERLINE, UP TO 84' AGL/413' MSL.

NOTE: RWY 18C, TREE 2,788' FROM DER, 288' LEFT OF CENTERLINE, 94' AGL/413' MSL. MULTIPLE TREES BEGINNING 1,693' FROM DER, 507' RIGHT OF CENTERLINE, UP TO 96' AGL/435' MSL.

(CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 27: 407 MSL ANTENNA 350318.06N/0900014.32W.

(5) City, State MEMPHIS, TN	(6) Airport MEMPHIS INTL	(7) Effective Date APR 10 2008	(8) Amdt. No. 2
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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 18R, POLE, VORTAC, AND MULTIPLE TREES BEGINNING 2,570' FROM DER, 1,011' LEFT OF CENTERLINE, UP TO 93' AGL/452' MSL. MULTIPLE TREES BEGINNING 1,519' FROM DER, 790' RIGHT OF CENTERLINE, UP TO 71' AGL/420' MSL.

NOTE: RWY 27, TREE 4,145' FROM DER, 1,328' LEFT OF CENTERLINE, 112' AGL/361' MSL. ANTENNA 5,413' FROM DER, 1,499' LEFT OF CENTERLINE, 158' AGL/407' MSL. TREE 785' FROM DER, 682' RIGHT OF CENTERLINE, 75' AGL/324' MSL.

NOTE: RWY 36C, LIGHT POLE 1,949' FROM DER, 928' RIGHT OF CENTERLINE, 67' AGL/336' MSL.

City, State	MEMPHIS, TN	Airport	MEMPHIS INTL	Effective Date	APR 10 2008	Amdt. No.	2
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date		



TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, 19 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 19, VEHICLES ON ROADWAY BEGINNING 177' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15' AGL/364' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

UNION CITY, TN

(6) Airport

EVERETT-STEWART REGIONAL

(7) Effective Date

APR 10 2008

(8) Amdt. No.

ORIG

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 16, 34, 1000-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 16, 34 - FOR CLIMB IN VISUAL CONDITIONS CROSS LAKEWAY AIRPARK AIRPORT AT OR ABOVE 1900 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, POWERLINE 303' FROM DER, RIGHT AND LEFT OF CENTERLINE, 79' AGL/ 967' MSL. TREES BEGINNING 8,243' FROM DER, 324' RIGHT OF CENTERLINE, UP TO 50' AGL/ 1169' MSL. ROAD 114' FROM DER, RIGHT AND LEFT OF CENTERLINE, 15' AGL/ 954' MSL. TOWER 2.11 NM FROM DER, 1,314' RIGHT OF CENTERLINE, 195' AGL/ 1326' MSL. TOWERS STARTING 1.6 NM FROM DER, 4,821' LEFT OF CENTERLINE, UP TO 150' AGL/ 1,450' MSL. TREE 2,085' FROM DER, 186' LEFT OF CENTERLINE, 50' AGL/ 969' MSL.

NOTE: RWY 34, TREES BEGINNING 800' FROM DER, 426' LEFT OF CENTERLINE, UP TO 50' AGL/ 1009' MSL. TREES BEGINNING 1,374' FROM DER, 141' RIGHT OF CENTERLINE, UP TO 50' AGL/ 969' MSL. HOUSE 499' FROM DER, ON CENTERLINE, 50' AGL/969' MSL.

(4) CONTROLLING OBSTACLES:

RWY 16: VCOA 1536 MSL TOWER 302026.00N-0980106.00W.

RWY 34: VCOA 1536 MSL TOWER 302026.00N-0980106.00W.

(5) City, State

AUSTIN, TX

(6) Airport

LAKEWAY AIRPARK

(7) Effective Date

APR 10 2008

(8) Amdt. No.

1

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LNAV: RW03									
MQP VORTAC		LEBLE (FB)		282.47 / 33.47		3500		CLIMB TO 3900 DIRECT IROTE AND LEFT TURN VIA 273.08 TRACK TO VAYTU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 017.00 INBOUND. CHART FAS OBST: 1455 TOWER 330417N/0983605W FESUB TO RW03: 3.04/40									
VAYTU		CIYAL (FB)		141.33 / 16.41		3500											
LEBLE (IAF)		NOCID (NOPT) (FB)		302.58 / 5.00		3200											
CIYAL (IAF)		NOCID (NOPT) (FB)		122.48 / 6.81		3200											
NOCID (IF/IAF)		FESUB (FB)		032.54 / 6.21		2700											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW NOCID, RT, 032.54 INBOUND, 3200 FT. IN LIEU OF PT (IAF) 3. FAC: 032.59 FAF: FESUB _____ DIST FAF TO MAP: 4.79 THLD: 4.79 4. MIN. ALT: NOCID 3200, FESUB 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW03 3000								MAG VAR: 7E EPOCH YEAR: 1995									
MINIMUMS																	
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A																	
STANDARD @																	
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LNAV MDA	1760	1	644	1760	1	644		NA			NA						
CIRCLING	1760	1	637	1760	1	637		NA			NA						
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART PLAN VIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VAYTU VIA V77 NORTHBOUND. SEE 8260-10																	
CITY AND STATE				ELEVATION: 1123 TDZE: 1116				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
GRAHAM, TX				AIRPORT NAME: GRAHAM MUNI								RNAV (GPS) RWY 3, ORIG				AMDT: NONE	
												APR 10 2008				DATED	

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

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

NOTES CONT.

CHART PLAN VIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MQP VORTAC AIRWAY RADIALS 253 CW 330.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINERAL WELLS ALTIMETER SETTING AND INCREASE ALL MDAS 100 FT AND INCREASE LNAV AND CIRCLING CAT B VISIBILITY 1/4 MILE

CITY AND STATE

GRAHAM, TX

ELEVATION: 1123 TDZE: 1116

AIRPORT NAME:

GRAHAM MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRPHK4FR03	AMQP	010MQP	K4D 0V	IF					18000		B JS	
SUSAP	KRPHK4FR03	AMQP	020LEBLEK4EA0E	A 020TF			28250335	+ 03500				B JS	
SUSAP	KRPHK4FR03	AMQP	030NOCIDK4EA0EE	010TF			30260050	+ 03200				B JS	
SUSAP	KRPHK4FR03	ANOCID	010NOCIDK4EA0EE	CR HF			03250040	+ 03200		18000		B JS	
SUSAP	KRPHK4FR03	AVAYTU	010VAYTUK4EA0E	IF						18000		B JS	
SUSAP	KRPHK4FR03	AVAYTU	020CIYALK4EA0E	A 020TF			14130164	+ 03500				B JS	
SUSAP	KRPHK4FR03	AVAYTU	030NOCIDK4EA0EE	010TF			12250068	+ 03200				B JS	
SUSAP	KRPHK4FR03	R	010NOCIDK4EA0E	I IF				+ 03200		18000		B JS	
SUSAP	KRPHK4FR03	R	020FESUBK4EA1E	F 051TF			03250062	+ 02700			RW03	K4PGB JS	
SUSAP	KRPHK4FR03	R	020FESUBK4EA2WN		N	ALNAV						JS	
SUSAP	KRPHK4FR03	R	030RW03 K4PG0GY	M 031TF			03260058		01154		-304	B JS	
SUSAP	KRPHK4FR03	R	040IROTEK4EA0E	M 010DF								B JS	
SUSAP	KRPHK4FR03	R	050VAYTUK4EA0EY	L010TFY			2731	+ 03900				B JS	
SUSAP	KRPHK4FR03	R	060VAYTUK4EA0EE	HR020HM			01700040	+ 03900				B JS	

1	2	3	4	5	6	7	8	9	0	1	2	3
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CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1116 AIRPORT NAME: GRAHAM MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KRPHK4GRW03 0050000326 N33062055W098333466+0000 +0310501114000040075R

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MQP	MQP	010		IF		FB				
	MQP	LEBLE	020	IAF	TF		FB	2.0	282.5 (290T)	033.5	03500
	MQP	NOCID	030		TF		FB	1.0	302.6 (310T)	005.0	03200
	NOCID	NOCID	010		HF	R	FB		032.5 (040T)	004.0	03200
	VAYTU	VAYTU	010		IF		FB				
	VAYTU	CIYAL	020	IAF	TF		FB	2.0	141.3 (148T)	016.4	03500
	VAYTU	NOCID	030		TF		FB	1.0	122.5 (130T)	006.8	03200
		NOCID	010	FACF	IF		FB				03200
		FESUB	020	FAF	TF		FB	0.5	032.5 (040T)	006.2	02700
		RW03	030	MAP	TF		FO	0.3	032.6 (040T)	005.8	01154

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	IROTE	040		DF		FB	1.0			
	VAYTU	050		TF	L	FO	1.0	273.1 (280T)		03900
	VAYTU	060		HM	R	FO	2.0	017.0 (024T)	004.0	03900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MQP	N324334.25	W0975950.79	N3243.571	W09759.847
	CIYAL	N330211.37	W0984809.74	N3302.190	W09848.162
	FESUB	N330218.59	W0983712.79	N3302.643	W09837.213
	IROTE	N331144.58	W0982815.49	N3311.743	W09828.258
	LEBLE	N325439.45	W0983720.09	N3254.658	W09837.335
	NOCID	N325750.89	W0984154.90	N3257.848	W09841.915
	VAYTU	N331611.09	W0985824.55	N3316.185	W09858.409
	RW03	N330620.55	W0983334.66	N3306.343	W09833.578

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	01114	40

CITY AND STATE
GRAHAM, TX

ELEVATION: 1123 TDZE: 1116
 AIRPORT NAME:
 GRAHAM MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 3, ORIG
 APR 10 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
VAYTU	HIKOT (FB)	077.44 / 24.49	3500	LNAV: RW21			
MQP VORTAC	MODNE (FB)	322.13 / 33.21	3500				
HIKOT (IAF)	JIPOG (FB)	122.66 / 5.00	3200	CLIMB TO 3900 DIRECT FESUB AND VIA 300.31 TRACK TO VAYTU AND HOLD.			
MODNE (IAF)	JIPOG (FB)	302.74 / 5.00	3200				
JIPOG (IF)	SOMOE (FB)	212.70 / 6.01	2700	ADDITIONAL FLIGHT DATA: HOLD S, RT, 017.00 INBOUND. CHART FAS OBST: 1449 TREE 330933N/0983101W ZEKUL TO RW21: 3.04/ 40.			

1. PT NA SIDE OF COURSE		OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JIPOG					
3. FAC: 212.65		FAF: SOMOE		DIST FAF TO MAP: 4.79 THLD: 4.79	
4. MIN. ALT: JIPOG 3200, SOMOE 2700, ZEKUL/3.00 NM TO RW21 2100					
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	100 HAT: GS ANT:
6. MIN GS INCPT:		GS ALT AT:		OM:	MM: IM:
7. GS ANGLE:		TCH: 34:1 IS NOT CLEAR			
8. MSA FROM: RW21 3000					

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	1700	1	586	1700	1	586		NA			NA				
CIRCLING	1700	1	577	1700	1	577		NA			NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINERAL WELLS ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MQP VORTAC VIA AIRWAY RADIALS 265 CW 001.

CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1114	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG APR 10 2008	SUP: AMDT: NONE DATED
	AIRPORT NAME: GRAHAM MUNI			

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

[illegible]

CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1114 AIRPORT NAME: GRAHAM MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG APR 10 2008	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KRPHK4GRW21 0050002126 N33065866W098325717+0000 +0310701114000040075R

SUSAP KRPHK4SRW21 K4PG 0 18018003025 M

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MQP	MQP	010		IF		FB				
	MQP	MODNE	020	IAF	TF		FB	2.0	322.1 (329T)	033.2	03500
	MQP	JIPOG	030		TF		FB	1.0	302.7 (310T)	005.0	03200
	VAYTU	VAYTU	010		IF		FB				
	VAYTU	HIKOT	020	IAF	TF		FB	2.0	077.4 (084T)	024.5	03500
	VAYTU	JIPOG	030		TF		FB	1.0	122.7 (130T)	005.0	03200
		JIPOG	010	FACF	IF		FB				03200
		SOMOE	020	FAF	TF		FB	0.5	212.7 (220T)	006.0	02700
		ZEKUL	025	SDF	TF		FB	0.3	212.7 (220T)	001.8	02100
		RW21	030	MAP	TF		FO	0.3	212.7 (220T)	003.0	01154

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FESUB	040		DF		FB	1.0			
	VAYTU	050		TF		FO	1.0	300.3 (307T)		03900
	VAYTU	060		HM	R	FO	2.0	017.0 (024T)	004.0	03900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MQP	N324334.25	W0975950.79	N3243.571	W09759.847
	FESUB	N330238.59	W0983712.79	N3302.643	W09837.213
	HIKOT	N331830.40	W0982919.82	N3318.507	W09829.330
	JIPOG	N331518.49	W0982444.40	N3315.308	W09824.740
	MODNE	N331206.41	W0982009.32	N3312.107	W09820.155
	SOMOE	N331040.43	W0982918.80	N3310.674	W09829.313
	VAYTU	N331611.09	W0985824.55	N3316.185	W09858.409
	ZEKUL	N330917.56	W0983040.45	N3309.293	W09830.674
	RW21	N330658.66	W0983257.17	N3306.978	W09832.953

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
	RW21	01114 40

CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1114	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG APR 10 2008	SUP:
	AIRPORT NAME: GRAHAM MUNI			AMDT: NONE
				DATED:

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

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 APR 10 2008

CITY AND STATE GRAHAM, TX	ELEVATION: 1123 TDZE: 1115 AIRPORT NAME: GRAHAM MUNI	FACILITY IDENTIFIER: GHX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 21, AMDT 2, 10 OCT 96	SUP AMDT 1 DATE 20 AUG 92
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES					MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 9.07 MILES AFTER SMUTO INT/10.95 DME OR AT RUTDO/ RUT 1.89 DME FIX CLIMB TO 3300 VIA RUT VOR/DME R-225 THEN CLIMBING RIGHT TURN TO 5700 DIRECT DYO NDB THEN VIA 014 BEARING FROM DYO NDB AND I-RUT N COURSE TO KOPVE INT/I-RUT 17.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 193.53 INBOUND. CHART FAS OBST: 1019 TREES 433436N/0725636W SMUTO TO RW19: 3.45/58.									
BTV VOR/DME	PIPYO/BTV 20.00 DME	179.68 / 20.00	6000										
MPV VOR/DME	UTADE/MPV 21.00 DME	249.12 / 21.00	6000										
PIPYO/BTV 20.00 DME (IAF)	KOPVE INT/I-RUT 17.00 DME	179.68 / 16.69 (BTV R-180)	5700										
UTADE/MPV 21.00 DME (IAF)	KOPVE INT/I-RUT 17.00 DME	249.12 / 6.71 (MPV R-249)	5700										
KOPVE INT/I-RUT 17.00 DME (IF)	SMUTO INT/I-RUT 10.95 DME	193.53 / 6.05	4500										
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT KOPVE INT/I-RUT 17.00 DME 3. FAC <u>193.53</u> FAF <u>SMUTO INT/I-RUT 10.95 DME</u> DIST FAF TO MAP <u>9.07</u> THLD <u>10.07</u> 4. MIN. ALT <u>KOPVE 5700, SMUTO 4500, CHITT FM/I-RUT 6.71 DME 2960*</u> 8. MSA FROM: <u>DYO NDB 5500</u>					MAG VAR: 15W EPOCH YEAR: 1995								
MINIMUMS													
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE:	NA	X				
CATEGORY >>>>>	A		B		C		D		E				
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-19	2960	1 1/4	2173	2960	1 1/2	2173	2960	3	2173	NA			
CIRCLING	2960	1 1/4	2173	2960	1 1/2	2173	2960	3	2173	NA			
CHITT FIX MINIMUMS													
S-19	1660	1 1/4	873	1660	1 1/4	873	1660	2 1/2	873	NA			
CIRCLING	1900	1 1/4	1113	1900	1 1/2	1113	1960	3	1173	NA			
NOTES: CHART NOTE: CIRCLING NA EAST OF RWY 19 AND 31. CHART NOTE: ADF REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10													
CITY AND STATE		ELEVATION: 787 TDZE: 787		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP			
RUTLAND, VT		AIRPORT NAME:		I-RUT		LOC Y RWY 19, AMDT 2				AMDT 1			
		RUTLAND STATE				APR 10 2008				DATE 11/25/2004			



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

***3040 WHEN USING SPRINGFIELD ALTIMETER SETTING.**

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

CITY AND STATE

RUTLAND, VT

ELEVATION: 787 TDZE: 787

AIRPORT NAME:

RUTLAND STATE

FACILITY
IDENTIFIER:

I-RUT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC Y RWY 19, AMDT 2

APR 10 2008

SUP:

AMDT: 1

DATED: 11/25/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM	TO			COURSE AND DISTANCE			ALTITUDE		MAP: 9.57 MILES AFTER SMUTO INT/I-RUT 10.95 DME OR AT WEVON/I-RUT 1.39 DME FIX CLIMB TO 3500 VIA RUT VOR/DME R-225 THEN CLIMBING RIGHT TURN TO 5700 DIRECT DYO NDB THEN VIA 014 BEARING FROM DYO NDB AND I-RUT N COURSE TO KOPVE INT/I-RUT 17.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 193.53 INBOUND. CHART FAS OBST: 1019 TREES 433436N/0725636W. SMUTO INT TO RW19: 3.45/58.						
BTV VOR/DME	PIPYO/BTV 20.00 DME			179.68 / 20.00			6000								
MPV VOR/DME	UTADE/MPV 21.00 DME			249.12 / 21.00			6000								
PIPYO/BTV 20.00 DME (IAF)	KOPVE INT/I-RUT 17.00 DME			179.68 / 16.69 (BTV R-180)			5700								
UTADE/MPV 21.00 DME (IAF)	KOPVE INT/I-RUT 17.00 DME			249.12 / 6.71 (MPV R-249)			5700								
KOPVE INT/I-RUT 17.00 DME (IF)	SMUTO INT/I-RUT 10.95 DME			193.53 / 6.05			4500								
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT KOPVE INT/I-RUT 17.00 DME 3. FAC <u>193.53</u> FAF <u>SMUTO INT/I-RUT 10.95 DME</u> DIST FAF TO MAP <u>9.57</u> THLD <u>10.07</u> 4. MIN. ALT <u>KOPVE 5700, SMUTO 4500, CHITT FM/I-RUT 6.71 DME 2960*</u> 8. MSA FROM: <u>DYO NDB 5500</u>															
MAG VAR: 15W EPOCH YEAR: 1995															
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE:	NA	X				
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-19	2960	1 1/4	2173	2960	1 1/2	2173	2960	3	2173		NA				
CIRCLING	2960	1 1/4	2173	2960	1 1/2	2173	2960	3	2173		NA				
CHITT FIX MINIMUMS															
S-19	1280	3/4	493	1280	3/4	493	1280	1 1/4	493		NA				
CIRCLING	1900	1 1/4	1113	1900	1 1/2	1113	1960	3	1173		NA				
NOTES: CHART NOTE: ADF REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. *3040 WHEN USING SPRINGFIELD ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE		ELEVATION: 787 TDZE: 787		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
RUTLAND, VT		AIRPORT NAME:		I-RUT		LOC Z RWY 19, ORIG				AMDT		NONE			
		RUTLAND STATE				APR 10 2008				DATE					

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

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

NOTES CONT.

CHART PLANVIEW NOTE: MISSED APPROACH OBSTRUCTIONS REQUIRE A MINIMUM CLIMB GRADIENT OF 300 FT/NM UNTIL PASSING 3500 FT.

CHART NOTE: CIRCLING NA EAST OF RWYS 19 AND 31.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET.

CHART NOTE: DESCENT ANGLE NA WHEN USING SPRINGFIELD ALTIMETER SETTING.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-19 ALL CATS AND CHITT FIX MINIMUMS CAT C.

CITY AND STATE

RUTLAND, VT

ELEVATION: 787 TDZE: 787

AIRPORT NAME:

RUTLAND STATE

FACILITY
IDENTIFIER:

I-RUT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC Z RWY 19, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LNAV: RW29									
BESIE		HENET (FB)		070.67 / 19.15		2600		CLIMBING RIGHT TURN TO 4000 DIRECT WIPE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.									
PETTY		NUYGI (FB)		248.07 / 18.41		2500											
BONOT		NUYGI (FB)		142.87 / 12.54		2500											
HENET (IAF)		SONOY (NOPT) (FB)		019.92 / 5.00		2500											
NUYGI (IAF)		SONOY (NOPT) (FB)		199.97 / 5.00		2500											
SONOY (IF/IAF)		WABEL (FB)		289.94 / 6.17		2500		ADDITIONAL FLIGHT DATA: HOLD W, RT, 076.79 INBOUND. FAS OBST: 1069 AAO 424103N/0881253W CHART: 1157 TOWER 423919N/0881124W WABEL TO RW29: 3.04/36.									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E SONOY, RT, 289.94 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: 289.86 FAF: WABEL _____ DIST FAF TO MAP: 5.23 THLD: 5.23 4. MIN. ALT: SONOY 2500, WABEL 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW29 2700								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		
LNAV MDA	1320	1	541	1320	1	541	1320	1 1/2	541	1320	1 3/4	541					
CIRCLING	1340	1	561	1360	1	581	1360	1 1/2	581	1380	2	601					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PETTY VIA V216 EASTBOUND, V170 SOUTHEAST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BONOT VIA V191 NORTHBOUND, AND ARRIVALS AT BESIE SEE 8260-10																	
CITY AND STATE				ELEVATION: 779 TDZE: 779				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
BURLINGTON, WI				AIRPORT NAME: BURLINGTON MUNI				RNAV (GPS) RWY 29, ORIG				APR 10 2008				AMDT: NONE	
														DATED			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

VIA V217 SOUTHBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GENERAL MITCHELL INTERNATIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND LNAV AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CITY AND STATE

BURLINGTON, WI

ELEVATION: 779 TDZE: 779

AIRPORT NAME:

BURLINGTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 29, ORIG

APR 10 2008

SUP:

AMDT: NONE

DATED:

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

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

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBUUK5FR29	ABESIE	010BESIEK5EA0E	IF						18000		B JS	
SUSAP	KBUUK5FR29	ABESIE	020HENETK5EA0E	A 020TF			07070192	+ 02600				B JS	
SUSAP	KBUUK5FR29	ABESIE	030SONOYK5EA0EE	010TF			01990050	+ 02500				B JS	
SUSAP	KBUUK5FR29	ABONOT	010BONOTK5EA0E	IF						18000		B JS	
SUSAP	KBUUK5FR29	ABONOT	020NUYGIK5EA0E	A 020TF			14290125	+ 02500				B JS	
SUSAP	KBUUK5FR29	ABONOT	030SONOYK5EA0EE	010TF			20000050	+ 02500				B JS	
SUSAP	KBUUK5FR29	APETTY	010PETTYK5EA0E	IF						18000		B JS	
SUSAP	KBUUK5FR29	APETTY	020NUYGIK5EA0E	A 020TF			24810184	+ 02500				B JS	
SUSAP	KBUUK5FR29	APETTY	030SONOYK5EA0EE	010TF			20000050	+ 02500				B JS	
SUSAP	KBUUK5FR29	ASONOY	010SONOYK5EA0EE	CR HF			28990040	+ 02500		18000		B JS	
SUSAP	KBUUK5FR29	R	010SONOYK5EA0E	I IF						18000		B JS	
SUSAP	KBUUK5FR29	R	020WABELK5EA1E	F 051TF			28990062	+ 02500			RW29	K5PGB JS	
SUSAP	KBUUK5FR29	R	020WABELK5EA2WN		N	ALNAV						JS	
SUSAP	KBUUK5FR29	R	030RW29 K5PG0GY	M 031TF			28990052		00812		-304	B JS	
SUSAP	KBUUK5FR29	R	040WIPEDK5EA0EYM	R010DF				+ 04000				B JS	
SUSAP	KBUUK5FR29	R	050WIPEDK5EA0EE	HR020HM			07680040	+ 04000				B JS	

[illegible]

CITY AND STATE BURLINGTON, WI	ELEVATION: 779	TDZE: 779	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, ORIG APR 10 2008	SUP:	
	AIRPORT NAME:				AMDT:	NONE
	BURLINGTON MUNI				DATED:	

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BESIE	BESIE	010		IF		FB				
	BESIE	HENET	020	IAF	TF		FB	2.0	070.7(070T)	019.2	02600
	BESIE	SONOY	030		TF		FB	1.0	019.9(019T)	005.0	02500
	BONOT	BONOT	010		IF		FB				
	BONOT	NUYGI	020	IAF	TF		FB	2.0	142.9(142T)	012.5	02500
	BONOT	SONOY	030		TF		FB	1.0	200.0(199T)	005.0	02500
	PETTY	PETTY	010		IF		FB				
	PETTY	NUYGI	020	IAF	TF		FB	2.0	248.1(247T)	018.4	02500
	PETTY	SONOY	030		TF		FB	1.0	200.0(199T)	005.0	02500
	SONOY	SONOY	010		HF	R	FB		289.9(289T)	004.0	02500
		SONOY	010	FACF	IF		FB				02500
		WABEL	020	FAF	TF		FB	0.5	289.9(289T)	006.2	02500
		RW29	030	MAP	TF		FO	0.3	289.9(289T)	005.2	00812

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WIPED	040		DF	R	FO	1.0			04000
	WIPED	050		HM	R	FO	2.0	076.8(076T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BESIE	N422621.07	W0882943.95	N4226.351	W08829.733
	BONOT	N425218.18	W0881132.31	N4252.303	W08811.539
	HENET	N423257.97	W0880526.01	N4232.966	W08805.434
	NUYGI	N424225.66	W0880102.20	N4242.428	W08801.037
	PETTY	N424938.48	W0873802.11	N4249.641	W08738.035
	SONOY	N423741.84	W0880314.27	N4237.697	W08803.238
	WABEL	N423941.87	W0881109.15	N4239.698	W08811.153
	WIPED	N424402.34	W0880827.33	N4244.039	W08808.456
	RW29	N424123.04	W0881751.50	N4241.384	W08817.858

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00776	36

CITY AND STATE BURLINGTON, WI	ELEVATION: 779 TDZE: 779	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 29, ORIG APR 10 2008	SUP:
	AIRPORT NAME: BURLINGTON MUNI			AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: BUU VOR/DME							
TRUDO INT		BUU VOR/DME		087.56 / 5.23				2500		CLIMBING LEFT TURN TO 2500 IN BUU VOR/DME HOLDING PATTERN. ADDITIONAL FLIGHT DATA: HOLD E, LT, 282.23 INBOUND. CHART FAS OBST: 993 BLDG 424033N/0881653W FAC CROSSES RWY C/L EXTENDED 2787 FROM THLD.							
1. PT <u>R</u> SIDE OF COURSE <u>102.23</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>BUU VOR/DME</u> (IAF) 2. _____ 3. FAC <u>282.23</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>WEDIN/2.60 DME 1460*</u> 8. MSA FROM: <u>BUU VOR/DME 2700</u>														MAG VAR: 1W		EPOCH YEAR: 1985	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA		STANDARD @					
CATEGORY ==>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-29	1460	1	681	1460	1	681	1460	2	681	1460	2 1/4	681					
CIRCLING	1460	1	681	1460	1	681	1460	2	681	1460	2 1/4	681					
WEDIN FIX MINIMUMS																	
S-29	1300	1	521	1300	1	521	1300	1 1/2	521	1300	1 3/4	521					
CIRCLING	1340	1	561	1360	1	581	1360	1 1/2	581	1380	2	601					
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *1540 WHEN USING GENERAL MITCHELL INTERNATIONAL ALTIMETER SETTING CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GENERAL MITCHELL INTERNATIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, AND INCREASE S-29 AND CIRCLING CATS B, C, AND D SEE 8260-10																	
CITY AND STATE BURLINGTON, WI				ELEVATION: 779 TDZE: 779 AIRPORT NAME: BURLINGTON MUNI				FACILITY IDENTIFIER: BUU		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 29, AMDT 8 APR 10 2008				SUP VOR OR GPS RWY 29 AMDT 7 DATE 01/23/2003			

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

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NOTES CONT.

VISIBILITIES 1/4 MILE, AND WEDIN FIX MINIMUMS S-29 AND CIRCLING CATS C AND D VISIBILITIES 1/4 MILE.

CITY AND STATE

BURLINGTON, WI

ELEVATION: 779 TDZE: 779

AIRPORT NAME:

BURLINGTON MUNI

FACILITY
IDENTIFIER:

BUU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 29, AMDT 8

APR 10 2008

SUP: VOR OR GPS RWY
29

AMDT: 7

DATED: 01/23/2003

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No.30596; Amdt. No. 3259

Standard Instrument Approach Procedures;

Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT

ACTION: Final rule

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

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

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

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

For Examination-

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

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

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

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

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

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

THE RULE

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

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on February 22, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97 -- Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

FDC 8/4747 DVK FI/P STUART POWELL FIELD, DANVILLE, KY. LOC/DME RWY 30, AMDT 1...CHANGE CIRCLING CATS B/C MDA 1560/HAA 538, CAT D MDA 1720/HAA 698. CHANGE MISSED APPROACH TO READ: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 260 AND IIR R-131 TO DARBY INT AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD TO 3300. THIS IS LOC/DME RWY 30, AMDT 1A.

FDC 8/5114 LGA FI/P LA GUARDIA, NEW YORK, NY. RNAV (GPS) RWY 13 ORIG...CHANGE ALL REFERENCE TO COURE TO LAKIE. THIS IS RNAV (GPS) RWY 13, ORIG-A.

FDC 8/5119 PHL FI/P PHILADELPHIA INTL, PHILADELPHIA, PA. ILS OR LOC/DME RWY 27R, AMDT 10A...CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 27R LINE OF MINIMUMS. THIS IS ILS OR LOC/DME RWY 27R, AMDT 10B.

FDC 8/5120 PHL FI/P PHILADELPHIA INTL, PHILADELPHIA, PA. ILS OR LOC RWY 9L AMDT 4B...CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 9L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 9L, AMDT 4C.

FDC 8/5106 LEM FI/P LEMMON MUNI, LEMMON, SD. GPS RWY 29, ORIG...FINAL APPROACH FIX RE-NAMED RAYNY. THIS IS GPS RWY 29, ORIG-A.

FDC 8/0472 JNU FI/P JUNEAU INTL, JUNEAU, AK. LDA X RWY 8, AMDT 11A...CHART NOTE: CAUTION: ANY GO-AROUND AFTER PASSING MAP WILL NOT PROVIDE STANDARD OBSTRUCTION CLEARANCE. DELETE NOTE: CAUTION: EXECUTION OF THE MISSED APPROACH BEYOND THE MAP WILL NOT PROVIDE ADEQUATE TERRAIN CLEARANCE. MISSED APPROACH: IMMEDIATE CLIMBING RIGHT TURN VIA HEADING 280 AND I-JDL W COURSE TO CROSS BARLO INT/I-JDL 8.00 DME AT OR ABOVE 3000. CONTINUE CLIMB TO 5400 DIRECT SSR VORTAC OR EEF NDB AND HOLD. THIS IS LDA X RWY 8, AMDT 11B.

FDC 8/3803 RST FI/P ROCHESTER INTERNATIONAL, ROCHESTER, MN. ILS OR LOC RWY 31, AMDT 21...S-ILS 31 VISIBILITY RVR 1800 ALL CATS. MSA FROM ROCHESTER (RST) VOR/DME 270-090 3300, 090-270 3800. DELETE ALL REFERENCE TO RS LOM. THIS IS ILS OR LOC RWY 31, AMDT 21A.

FDC 8/3804 RST FI/P ROCHESTER INTERNATIONAL, ROCHESTER, MN. ILS OR LOC RWY 13, AMDT 7...S-ILS 13 VISIBILITY RVR 1800 ALL CATS. DELETE ALL REFERENCE TO RS LOM. THIS IS ILS OR LOC RWY 13, AMDT 7A.