

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-02

DECEMBER 14, 2007

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

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

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30585; Amdt. No. 3249

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 December 14, 2007.

A handwritten signature in cursive script, reading "James J. Ballough".

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 17 JAN 2008

Macon, GA, Macon Downtown, LOC RWY 10, Amdt 6A

Effective 14 FEB 2008

Andalusia/OPP, AL, South Alabama Rgnl at Bill Benton Field, RNAV (GPS) RWY 11, Amdt 1B

Andalusia/OPP, AL, South Alabama Rgnl at Bill Benton Field, RNAV (GPS) RWY 29, Amdt 1C

Page, AZ, Page Muni, RNAV (GPS) RWY 15, Orig

Page, AZ, Page Muni, RNAV (GPS) RWY 33, Orig

Page, AZ, Page Muni, GPS RWY 15, Orig-A, (CANCELLED)

Page, AZ, Page Muni, Takeoff Minimums and Obstacle DP, Amdt 2

Fort Myers, FL, Southwest Florida Intl, ILS OR LOC RWY 6, Amdt 6

West Palm Beach, FL, Palm Beach Intl, ILS OR LOC RWY 27R, Amdt 2

Blackfoot, ID, McCarley Field, RNAV (GPS)-A, Orig

Blackfoot, ID, McCarley Field, RNAV (GPS)-B, Orig

Blackfoot, ID, McCarley Field, VOR/DME-C, Orig

Blackfoot, ID, McCarley Field, RNAV (GPS) RWY 1, Orig, (CANCELLED)

Blackfoot, ID, McCarley Field, RNAV (GPS) RWY 19, Orig, (CANCELLED)

Blackfoot, ID, McCarley Field, VOR/DME RWY 1, Orig, (CANCELLED)

Greencastle, IN, Putnam County, RNAV (GPS) RWY 18, Amdt 1

Greencastle, IN, Putnam County, RNAV (GPS) RWY 36, Amdt 1

Greencastle, IN, Putnam County, Takeoff Minimums and Obstacle DP, Orig

Indianapolis, IN, Indianapolis Intl, ILS OR LOC RWY 5L, ILS RWY 5L (CAT II), ILS RWY 5L (CAT III), Amdt 3

Indianapolis, IN, Indianapolis Intl, ILS OR LOC RWY 5R, ILS 5R (CAT II), ILS RWY 5R (CAT III), Amdt 5

Indianapolis, IN, Indianapolis Intl, ILS OR LOC RWY 23L, Amdt 5

Indianapolis, IN, Indianapolis Intl, ILS OR LOC RWY 23R, Amdt 3

Indianapolis, IN, Indianapolis Intl, RNAV (GPS) RWY 5L, Amdt 1

Indianapolis, IN, Indianapolis Intl, RNAV (GPS) RWY 5R, Amdt 1

Indianapolis, IN, Indianapolis Intl, RNAV (GPS) RWY 23L, Amdt 1

Indianapolis, IN, Indianapolis Intl, RNAV (GPS) RWY 23R, Amdt 1

Valparaiso, IN, Porter County Muni, RNAV (GPS) RWY 9, Orig

Valparaiso, IN, Porter County Muni, RNAV (GPS) RWY 18, Orig

Valparaiso, IN, Porter County Muni, RNAV (GPS) RWY 27, Orig

Valparaiso, IN, Porter County Muni, GPS RWY 9, Amdt 1, (CANCELLED)

Valparaiso, IN, Porter County Muni, GPS RWY 27, Orig, (CANCELLED)

Valparaiso, IN, Porter County Muni, Takeoff Minimums and Obstacle DP, Orig

Boyne Falls, MI, Boyne Mountain, RNAV (GPS) RWY 17, Orig
Boyne Falls, MI, Boyne Mountain, RNAV (GPS) RWY 35, Orig
Boyne Falls, MI, Boyne Mountain, NDB OR GPS-A, Amdt 6A, (CANCELLED)
Ionia, MI, Ionia County, VOR-A, Amdt 1
Plymouth, MI, Canton-Plymouth-Mettetal, RNAV (GPS) RWY 18, Orig
Plymouth, MI, Canton-Plymouth-Mettetal, VOR-A, Amdt 12
Sturgis, MI, Kirsch Muni, RNAV (GPS) RWY 18, Orig
Sturgis, MI, Kirsch Muni, GPS RWY 18, Orig, (CANCELLED)
Hinckley, MN, Field Of Dreams, RNAV (GPS) RWY 6, Orig
Hinckley, MN, Field Of Dreams, RNAV (GPS) RWY 24, Orig
Hinckley, MN, Field Of Dreams, Takeoff Minimums and Obstacle DP, Orig
Minneapolis, MN, Flying Cloud, ILS OR LOC RWY 10R, Amdt 2C
Morris, MN, Morris Muni-Charlie Schmidt Fld, RNAV (GPS) RWY 32, Orig
Morris, MN, Morris Muni-Charlie Schmidt Fld, VOR RWY 32, Amdt 5
Morris, MN, Morris Muni-Charlie Schmidt Fld, GPS RWY 32, Orig, (CANCELLED)
Morris, MN, Morris Muni-Charlie Schmidt Fld, Takeoff Minimums and Obstacle
DP, Orig
Pipestone, MN, Pipestone Muni, RNAV (GPS) RWY 18, Orig
Pipestone, MN, Pipestone Muni, RNAV (GPS) RWY 36, Orig
Pipestone, MN, Pipestone Muni, NDB RWY 36, Amdt 7
Pipestone, MN, Pipestone Muni, Takeoff Minimums and Obstacle DP, Orig
Dayton, OH, James M Cox Dayton Intl, ILS OR LOC RWY 24R, Amdt 7
Bend, OR, Bend Muni, RNAV (GPS) Y RWY 16, Amdt 1A
Bend, OR, Bend Muni, RNAV (GPS) Z RWY 16, Orig
Bend, OR, Bend Muni, RNAV (GPS) RWY 34, Orig
Hartsville, SC, Hartsville Regional, Takeoff Minimums and Obstacle DP, Orig
Bremerton, WA, Bremerton National, ILS OR LOC RWY 19, Amdt 15
Bremerton, WA, Bremerton National, RNAV (GPS) RWY 1, Orig
Bremerton, WA, Bremerton National, RNAV (GPS) RWY 19, Orig
Bremerton, WA, Bremerton National, GPS RWY 1, Amdt 1A, (CANCELLED)
Bremerton, WA, Bremerton National, Takeoff Minimums and Obstacle DP, Amdt 3
Seattle, WA, Boeing Field/King County Intl, RNAV (GPS) Y RWY 13R, Orig-B
Rice Lake, WI, Rice Lake Regional-Carl's Field, RNAV (GPS) RWY 19, Amdt 2
Wausau, WI, Wausau Downtown, RNAV (GPS) RWY 12, Orig
Wausau, WI, Wausau Downtown, VOR/DME OR GPS RWY 12, Amdt 3,
(CANCELLED)

Effective 13 MAR 2008

Lynchburg, VA, Lynchburg Rgnl/Preston Glenn Fld, Takeoff Minimums and Obstacle
DP, Amdt 8

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 5.11 MILES AFTER CROAM INT							
FOBES/MCN 12.00 DME CW (IAF)		MOBSE INT		12.00 DME ARC (MCN LR-312)				2100		CLIMBING LEFT TURN TO 2200 VIA MCN VORTAC R-028 TO MURVE INT/MCN 17.00 DME AND HOLD.							
MOBSE INT (IF)		CROAM INT		101.59 / 6.14 (I-MAC)				2100									
ADDITIONAL FLIGHT DATA: HOLD NE, RT, 208.00 INBOUND. CHART FAS OBST: 710 TOWER 325010N/0833758W CHART 1082 TOWER 325044N/0834028W. CHART: LOC/AZIMUTH OFFSET 2.58 DEGREES. CHART MCN R-300 AT FOBES. CROAM TO RW10: 3.04/40. CHART AIRPORT ELEVATION: 437. CHART MIDDLE GEORGIA REGIONAL ASOS: 120.775. FAC CROSSES RWY C/L EXTENDED 2625 FROM 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 MOBSE 3. FAC <u>101.59</u> FAF <u>CROAM INT</u> DIST FAF TO MAP <u>5.11</u> THLD <u>5.11</u> 4. MIN. ALT <u>MOBSE 2100, CROAM 2100</u> 8. MSA FROM: <u>MCN VORTAC 2500</u>																	
MINIMUMS																	
TAKEOFF:		STANDARD		☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA		☒					
CATEGORY =====>		A			B			C			D			E			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
S-10	1060	1	630	1060	1	630	1060	1 3/4	630	1060	2	630					
CIRCLING	1200	1	763	1200	1 1/4	763	1200	2 1/4	763	1320	3	883					
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: USE MIDDLE GEORGIA REGIONAL ALTIMETER SETTING; WHEN NOT RECEIVED, USE ROBINS AFB ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET. CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.																	
CITY AND STATE				ELEVATION: 437 TDZE: 430				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP	
MACON, GA				AIRPORT NAME:				I-MAC				LOC RWY 10, AMDT 6A				AMDT 6	
				MACON DOWNTOWN								JAN 17 2008				DATE 12/20/2007	



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW11 CLIMB TO 2500 DIRECT CUBAY AND RIGHT TURN VIA 227.00 TRACK TO ZAMAM AND 282.23 TRACK TO ROMEK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.00 INBOUND. CHART FAS OBST: 394 TREE 311845N/0862436W CHART FAS OBST: 439 TREES 311913N/0862639W CHART: 524 TOWER 311853N/0862736W DISTANCE TO THLD FROM 305 HAT: 0.83 NM. WAAS CHANNEL # 82600 REFERENCE PATH ID: W11A							
PIGON (IAF)		ZELAS (FB)		168.68 / 12.01				2500									
ROMEK (IAF)		ZELAS (FB)		018.48 / 11.14				2500									
ZELAS (IF)		HIDAR (FB)		108.52 / 6.09				2000									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ZELAS 3. FAC: <u>108.58</u> FAF: <u>HIDAR</u> DIST FAF TO MAP: <u>5.11</u> THLD: <u>5.11</u> 4. MIN. ALT: <u>ZELAS 2500, HIDAR 2000, YERUS/3.00 NM TO RW11 1300*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2000</u> GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW11 2500</u>										MAG VAR: 2W EPOCH YEAR: 2005							
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		X					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	615	1	305	615	1	305	615	1	305	615	1	305					
LNAV/VNAV DA	655	1 1/4	345	655	1 1/4	345	655	1 1/4	345	655	1 1/4	345					
LNAV MDA	760	1	450	760	1	450	760	1 1/4	450	760	1 1/2	450					
CIRCLING	780	1	470	780	1	470	780	1 1/2	470	860	2	550					
NOTES: *LNAV ONLY CHART NOTES: DME/DME RNP -0.3 NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (119F). IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF ALTIMETER SETTING AND INCREASE LPV DA TO 697 FEET, LNAV/VNAV DA TO 737 FEET, AND ALL MDAS 100 FEET. SEE 8260-10																	
CITY AND STATE				ELEVATION: 310 TDZE: 310				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
ANDALUSIA/OPP, AL				AIRPORT NAME: SOUTH ALABAMA RGNL AT BILL BENTON FIELD				RNAV				RNAV (GPS) RWY 11, AMDT 1B FEB 14 2008				AMDT: 1A	
																DATED 12/20/2007	



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

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

NOTES CONT.

BARO-VNAV NA WHEN USING CAIRNS AAF ALTIMETER SETTING. VISIBILITY REDUCTION BY HELICOPTERS NA.

CITY AND STATE

ANDALUSIA/OPP, AL

ELEVATION: 310 TDZE: 310

AIRPORT NAME:

SOUTH ALABAMA RGNL AT BILL BENTON
FIELDFACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 11, AMDT 1B

FEB 14 2008

SUP:

AMDT: 1A

DATED: 12/20/2007

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	79J
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	311838.5720N
LTP/FTP LONGITUDE	0862405.1580W
LTP/FTP ELLIPSOIDAL HEIGHT	+00674
FPAP LATITUDE	311813.0000N
FPAP LONGITUDE	0862225.5100W
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

5D340FC3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00942
FPAP ORTHOMETRIC HEIGHT	+00942

CITY AND STATE

ANDALUSIA/OPP, AL

ELEVATION: 310 TDZE: 310

AIRPORT NAME:

SOUTH ALABAMA RGNL AT BILL BENTON
FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 11, AMDT 1B

FEB 14 2008

SUP:

AMDT: 1A

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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 79J K7FR11	APIGON	010	PIGONK7EA0E	A	IF					18000		A	S
SUSAP 79J K7FR11	APIGON	020	ZELASK7EA0EE		010TF		16870120	+	02500			A	S
SUSAP 79J K7FR11	AROMEK	010	ROMEKK7EA0E	A	IF					18000		A	S
SUSAP 79J K7FR11	AROMEK	020	ZELASK7EA0EE		010TF		01850111	+	02500			A	S
SUSAP 79J K7FR11	R	010	ZELASK7EA0E	I	IF			+	02500	18000		A	S
SUSAP 79J K7FR11	R	020	HIDARK7EA1E	F	051TF		10850061	+	02000		RW11	K7PGA	S
SUSAP 79J K7FR11	R	020	HIDARK7EA2WALPV			ALNAV/VNAV	ALNAV						S
SUSAP 79J K7FR11	R	021	YERUSK7EA0E	S	031TF		10860021	V	0130001314	-300		A	S
SUSAP 79J K7FR11	R	030	RW11 K7PG0GY	M	031TF		10860030		00349	-300		A	S
SUSAP 79J K7FR11	R	040	CUBAYK7EA0E	M	010DF							A	S
SUSAP 79J K7FR11	R	050	ZAMAMK7EA0E		R010TFY		2270					A	S
SUSAP 79J K7FR11	R	060	ROMEKK7EA0EY		010TF		2822	+	02500			A	S
SUSAP 79J K7FR11	R	070	ROMEKK7EA0EE		HR020HM		35800050	+	02500			A	S

[illegible]

SUP:	
AMDT:	1A
DATED:	12/20/2007

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.

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

	SUSAP 79J K7PR11	RW11 001	0000W11A0N3118385720W08624051580+006740300N3118130000W08622255100106751224000400F4005005D340FC3										
	SUSAP 79J K7PR11	RW11 002	+00942+00942LPV 82600 000										

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

	SUSAP 79J K7SRW11 K7PG	0	18018002525	M									

CITY AND STATE
 ANDALUSIA/OPP, AL

ELEVATION: 310 TDZE: 310
 AIRPORT NAME:
 SOUTH ALABAMA RGNL AT BILL BENTON
 FIELD

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 11, AMDT 1B
 FEB 14 2008

SUP:
 AMDT: 1A
 DATED: 12/20/2007



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
	PIGON	PIGON	010	IAF	IF		FB				
	PIGON	ZELAS	020		TF		FB	1.0	168.7(167T)	012.0	02500
	ROMEK	ROMEK	010	IAF	IF		FB				
	ROMEK	ZELAS	020		TF		FB	1.0	018.5(017T)	011.1	02500
		ZELAS	010	FACF	IF		FB				02500
		HIDAR	020	FAF	TF		FB	0.5	108.5(107T)	006.1	02000
		YERUS	021	SDF	TF		FB	0.3	108.6(107T)	002.1	01300
		RW11	030	MAP	TF		FO	0.3	108.6(107T)	003.0	00349

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUBAY	040		DF		FB	1.0			
	ZAMAM	050		TF	R	FB	1.0	227.0(225T)		
	ROMEK	060		TF		FO	1.0	282.2(280T)		02500
	ROMEK	070		HM	R	FO	2.0	358.0(356T)	005.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUBAY	N311637.87	W0861615.56	N3116.631	W08616.259
	HIDAR	N312006.34	W0862948.02	N3120.106	W08629.800
	PIGON	N313333.58	W0863951.18	N3133.560	W08639.853
	ROMEK	N311108.43	W0864018.65	N3111.141	W08640.311
	ROMEK	N311108.43	W0864018.65	N3111.141	W08640.311
	YERUS	N311930.15	W0862726.52	N3119.503	W08627.442
	ZAMAM	N310849.82	W0862519.39	N3108.830	W08625.323
	ZELAS	N312150.70	W0863637.21	N3121.845	W08636.620
	RW11	N311838.57	W0862405.16	N3118.643	W08624.086

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	00309	40

CITY AND STATE ANDALUSIA/OPP, AL	ELEVATION: 310 TDZE: 310	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 11, AMDT 1B FEB 14 2008	SUP:
	AIRPORT NAME: SOUTH ALABAMA RGNL AT BILL BENTON FIELD			AMDT: 1A
				DATED: 12/20/2007

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW29 CLIMB TO 2500 DIRECT COXOX AND VIA 236 TRACK TO ROMEK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.00 INBOUND. CHART FAS OBST: 439 TREE 311820N/0862337W CHART 640 TOWER 311615N/0862003W. DISTANCE TO THLD FROM 322 HAT: 0.90 NM. WAAS CHANNEL # 60929 REFERENCE PATH ID: W29A								
PIGON	SACOQ (FB)	119.45 / 28.52	2000									
ROMEK	PESSI (FB)	092.91 / 22.86	2000									
SACOQ (IAF)	ALANE (FB)	198.76 / 5.00	2000									
PESSI (IAF)	ALANE (FB)	018.73 / 5.00	2000									
ALANE (IF)	JAZZU (FB)	288.74 / 6.10	1600									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ALANE 3. FAC: <u>288.68</u> FAF: <u>JAZZU</u> DIST FAF TO MAP: <u>3.90</u> THLD: <u>3.90</u> 4. MIN. ALT: <u>ALANE 2000, JAZZU 1600, WEDIP/2.50 NM TO RW29 1140</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1600</u> GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW29 2500</u>				MAG VAR: 2W EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A	☐ X						
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	630	1 1/4	322	630	1 1/4	322	630	1 1/4	322	630	1 1/4	322
LNAV MDA	720	1	412	720	1	412	720	1 1/4	412	720	1 1/4	412
CIRCLING	780	1	470	780	1	470	780	1 1/2	470	860	2	550
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF ALTIMETER SETTING AND INCREASE DA TO 712 FEET AND INCREASE ALL MDAS 100 FEET.												
CITY AND STATE		ELEVATION: 310 TDZE: 308		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
ANDALUSIA/OPP, AL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 29, AMDT 1C		AMDT: 1B				
		SOUTH ALABAMA RGNL AT BILL BENTON FIELD				FEB 14 2008		DATED 12/20/2007				



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	79J
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	311824.3965N
LTP/FTP LONGITUDE	0862309.9335W
LTP/FTP ELLIPSOIDAL HEIGHT	+00660
FPAP LATITUDE	311838.5720N
FPAP LONGITUDE	0862405.1580W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

10646C96

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00929
FPAP ORTHOMETRIC HEIGHT	+00929

CITY AND STATE

ANDALUSIA/OPP, AL

ELEVATION: 310 TDZE: 308

AIRPORT NAME:

SOUTH ALABAMA RGNL AT BILL BENTON
FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 29, AMDT 1C

FEB 14 2008

SUP:

AMDT: 1B

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]

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]

SUP:	
AMDT:	1B
DATED:	12/20/2007

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
	PIGON	PIGON	010		IF		FB				
	PIGON	SACOQ	020	IAF	TF		FB	2.0	119.5 (118T)	028.5	02000
	PIGON	ALANE	030		TF		FB	1.0	198.8 (197T)	005.0	02000
	ROMEK	ROMEK	010		IF		FB				
	ROMEK	PESSI	020	IAF	TF		FB	2.0	092.9 (091T)	022.9	02000
	ROMEK	ALANE	030		TF		FB	1.0	018.7 (017T)	005.0	02000
		ALANE	010	FACF	IF		FB				02000
		JAZZU	020	FAF	TF		FB	0.3	288.7 (287T)	006.1	01600
		WEDIP	021	SDF	TF		FO	0.3	288.7 (287T)	001.4	01140
		RW29	030	MAP	TF		FO	0.3	288.7 (287T)	002.5	00345

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COXOX	040		DF		FB	1.0			
	ROMEK	050		TF		FO	1.0	236.0 (234T)		02500
	ROMEK	060		HM	R	FO	2.0	358.0 (356T)	005.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALANE	N311531.72	W0861159.24	N3115.529	W08611.987
	COXOX	N311924.61	W0862704.83	N3119.410	W08627.081
	JAZZU	N311717.22	W0861848.49	N3117.287	W08618.808
	PESSI	N311043.78	W0861339.97	N3110.730	W08613.666
	PIGON	N313333.58	W0863951.18	N3133.560	W08639.853
	ROMEK	N311108.43	W0864018.65	N3111.141	W08640.311
	ROMEK	N311108.43	W0864018.65	N3111.141	W08640.311
	SACOQ	N312019.63	W0861018.34	N3120.327	W08610.306
	WEDIP	N311741.32	W0862022.19	N3117.689	W08620.370
	RW29	N311824.40	W0862309.93	N3118.407	W08623.166

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW29	00305		40

CITY AND STATE ANDALUSIA/OPP, AL	ELEVATION: 310 TDZE: 308	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 29, AMDT 1C	AMDT: 1B
	SOUTH ALABAMA RGNL AT BILL BENTON FIELD		FEB 14 2008	DATED: 12/20/2007



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES						MISSED APPROACH									
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 9000 DIRECT FAPOV AND VIA 155.26 TRACK TO AROGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000. ✓ ADDITIONAL FLIGHT DATA: HOLD SE, RT, 336.00 INBOUND. CHART FAS OBST: 4289 TREE 365558N/1112723W ✓ CHART FAS OBST: 4449 TREE 370139N/1112850W ✓ CHART 4590 TREE 370227N/1112854W DISTANCE TO THLD FROM 335 HAT: 0.95 NM. CHART VDP AT 1.77 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 45604 REFERENCE PATH ID: W15A											
PGA VOR/DME	RASCO (FO)	335.78 / 14.62 ✓	8000 ✓												
CABER (IAF)	RASCO (NOPT) (FB)	135.75 / 15.32 ✓	8000 ✓												
RASCO (IF/IAF)	IYOGY (FB)	156.07 / 3.80	7200												
IYOGY	PAGSY (FB)	156.07 / 3.60 ✓	6600												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW RASCO, RT, 146.00 INBOUND, 8000 FT. IN LIEU OF PT (IAF) 3. FAC: 156.08 FAF: PAGSY DIST FAF TO MAP: 7.10 THLD: 7.10 4. MIN. ALT: RASCO 8000, IYOGY 7200, PAGSY 6600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 6600 GS ALT AT: PAGSY OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: RW15 11600						MAG VAR: 14E EPOCH YEAR: 1980									
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4599	1 1/4	335	4599	1 1/4	335	4599	1 1/4	335	4599	1 1/4	335			
LNAV/VNAV DA	4670	1 1/2	406	4670	1 1/2	406	4670	1 1/2	406	4670	1 1/2	406			
LNAV MDA	4860	1	596	4860	1	596	4860	1 1/2	596	4860	1 3/4	596			
CIRCLING	4860	1	544	4860	1	544	4860	1 1/2	544	4920	2	604			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 41C (105F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PGA VOR/DME VIA V208 SOUTHBOUND. CHART NOTE: CIRCLING NA TO RWY 7-25.															
CITY AND STATE		ELEVATION: 4316 TDZE: 4264		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
PAGE, AZ		AIRPORT NAME:				RNAV (GPS) RWY 15, ORIG FEB 14 2008				AMDT: NONE					
		PAGE MUNI								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	KPGA
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	365558.1510N
LTP/FTP LONGITUDE	1112658.4275W
LTP/FTP ELLIPSOIDAL HEIGHT	+12704
FPAP LATITUDE	365430.2600N
FPAP LONGITUDE	1112639.3300W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0936
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

FBF1ECDB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+12939
FPAP ORTHOMETRIC HEIGHT	+12939

CITY AND STATE

PAGE, AZ

ELEVATION: 4316 TDZE: 4264
AIRPORT NAME:

PAGE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

FEB 14 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.



Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	CABER	CABER	010	IAF	IF		FB				
	CABER	RASCO	020		TF		FB	1.0	135.8 (150T)	015.3	08000
	PGA	PGA	010		IF		FO				
	PGA	RASCO	020	IAF	TF		FB	2.0	335.8 (350T)	014.6	08000
	PGA	RASCO	030		HF	R	FB		146.0 (160T)	007.0	08000
		RASCO	010	FACF	IF		FB				08000
		IYOGY	011	SDF	TF		FB	0.5	156.1 (170T)	003.8	07200
		PAGSY	020	PAF	TF		FB	0.5	156.1 (170T)	003.6	06600
		RW15	030	MAP	TF		FO	0.3	156.1 (170T)	007.1	04295

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FAPOV	040		DF		FB	1.0			
	AROG	050		TF		FO	1.0	155.3 (169T)		09000
	AROG	060		HM	R	FO	2.0	336.0 (350T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PGA	N365551.76	W1112650.79	N3655.863	W11126.847
	AROG	N364600.28	W1112439.71	N3646.005	W11124.662
	CABER	N372331.60	W1113944.91	N3723.527	W11139.749
	FAPOV	N365359.78	W1112632.71	N3653.996	W11126.545
	IYOGY	N370631.25	W1112916.37	N3706.521	W11129.273
	PAGSY	N370258.21	W1112829.90	N3702.970	W11128.498
	RASCO	N371016.25	W1113005.58	N3710.271	W11130.093
	RW15	N365558.15	W1112658.43	N3655.969	W11126.974

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	04245	50

CITY AND STATE
PAGE, AZ

ELEVATION: 4316 TDZE: 4264
 AIRPORT NAME:
 PAGE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 15, ORIG
 FEB 14 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	LPV: DA LNAV/VNAV: DA LNAV: RW33 CLIMB TO 8500 DIRECT BIGNE AND VIA 324.92 TRACK TO ACOSI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8500. ✓ ADDITIONAL FLIGHT DATA: HOLD NW, RT, 148.00 INBOUND. CHART FAS OBST: 4494 TOWER 365430N/1112715W ✓ CHART FAS OBST: 4669 TREE 465218N/1112624W ✓ CHART: 5094 POWERLINE 365026N/1112638W ✓ CHART: 4689 TREE 365207N/1112648W ✓ CHART: 5593 TREE 364718N/1112515W ✓ DISTANCE TO THLD FROM 250 HAT: 0.63 NM. WAAS CHANNEL # 69204 REFERENCE PATH ID: W33A CHART VDP AT 1.80 MILES TO RW33 *LNAV ONLY ✓									
KLIFF (IAF)	EKAME (FB)	079.90 / 12.81	8200 ✓										
CELAY (IAF)	EKAME (FB)	333.82 / 4.00	8200 ✓										
EKAME (IF)	DIBEY (FB)	336.14 / 5.10	7500 ✓										
DIBEY	CADRI (FB)	336.14 / 4.11	6900 ✓										
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 EKAME ✓ 3. FAC: <u>336.12</u> FAF: <u>CADRI</u> DIST FAF TO MAP: <u>7.79</u> THLD: <u>7.79</u> 4. MIN. ALT: <u>EKAME 8200, DIBEY 7500, CADRI 6900, JATKA/4.50 NM TO RW33 5800, AYAVA/2.90 NM TO RW33 5280</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>6900</u> ✓ GS ALT AT: <u>CADRI</u> ✓ OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> ✓ TCH: <u>50.0</u> ~ 34:1 IS CLEAR 8. MSA FROM: <u>RW33 11600</u>				MAG VAR: 14E 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	
LPV DA	4566	1	250	4566	1	250	4566	1	250	4566	1	250	
LNAV/VNAV DA	4744	1 1/2	428	4744	1 1/2	428	4744	1 1/2	428	4744	1 1/2	428	
LNAV MDA	4920	1	604	4920	1	604	4920	1 3/4	604	4920	2	604	
CIRCLING	4920	1	604	4920	1	604	4920	1 3/4	604	4920	2	604	
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 41C (105F). CHART NOTE: DME/DME RNP-0.3 NA. ✓ CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CELAY VIA V208 SOUTHBOUND. ✓ SEE 8260-10													
CITY AND STATE			ELEVATION: 4316 ✓ TDZE: 4316 ✓			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:	
PAGE, AZ			AIRPORT NAME:						RNAV (GPS) RWY 33, ORIG ✓			AMDT: NONE	
			PAGE MUNI						FEB 14 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 PROFILE NOTE: VGSi AND RNAV GLIDEPATH NOT COINCIDENT. ✓

CHART NOTE CIRCLING NA TO RWY 7-25. ✓

CITY AND STATE

PAGE, AZ

ELEVATION: 4316 TDZE: 4316

AIRPORT NAME:

PAGE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

FEB 14 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 INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPGA
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	365500.2050N
LTP/FTP LONGITUDE	1112645.8250W
LTP/FTP ELLIPSOIDAL HEIGHT	+12921
FPAP LATITUDE	365628.1000N
FPAP LONGITUDE	1112704.9400W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0936
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

6A759FD0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+13155
FPAP ORTHOMETRIC HEIGHT	+13155

CITY AND STATE

PAGE, AZ

ELEVATION: 4316 TDZE: 4316

AIRPORT NAME:

PAGE MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

FEB 14 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.

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	ACOSI K20	W RL N37070735W111320459	E0116	NAR	ACOSI								
SUSAEENRT	AYAVA K20	W RL N36520858W111260855	E0115	NAR	AYAVA								
SUSAEENRT	BIGNE K20	W RL N36565858W111271157	E0115	NAR	BIGNE								
SUSAEENRT	CADRI K20	W RL N36471927W111250581	E0115	NAR	CADRI								
SUSAEENRT	CELAY K20	W RL N36341895W111220496	E0115	NAR	CELAY								
SUSAEENRT	DIBEY K20	W RL N36431589W111241314	E0115	NAR	DIBEY								
SUSAEENRT	EKAME K20	W RL N36381402W111230794	E0115	NAR	EKAME								
SUSAEENRT	JATKA K20	W RL N36503388W111254800	E0115	NAR	JATKA								
SUSAEENRT	KLIFF K20	C RL N36390744W111390105	E0115	NAR	KLIFF								

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPGAK2FR33	ACELAY	010CELAYK2EA0E	A	IF					18000		A	JS
SUSAP	KPGAK2FR33	ACELAY	020EKAMEK2EA0EE		010TF		33380040	+	08200			A	JS
SUSAP	KPGAK2FR33	AKLIFF	010KL1FFK2EA0E	A	IF					18000		A	JS
SUSAP	KPGAK2FR33	AKLIFF	020EKAMEK2EA0EE		010TF		07990128	+	08200			A	JS
SUSAP	KPGAK2FR33	R	010EKAMEK2EA0E	I	IF			+	08200	18000		A	JS
SUSAP	KPGAK2FR33	R	011DIBEYK2EA0E	S	051TF		33610051	+	07500			A	JS
SUSAP	KPGAK2FR33	R	020CADRIK2EA0E	F	051TF		33610041	+	06900		RW33	K2PGA	JS
SUSAP	KPGAK2FR33	R	021JATKAK2EA0E	S	031TF		33610033	V	0580005818	-300		A	JS
SUSAP	KPGAK2FR33	R	022AYAVAK2EA0E	S	031TF		33610016	V	0528005290	-300		A	JS
SUSAP	KPGAK2FR33	R	030RW33 K2PG0GY	M	031TF		33610029		04366	-300		A	JS
SUSAP	KPGAK2FR33	R	040BIGNEK2EA0E	M	010DF							A	JS
SUSAP	KPGAK2FR33	R	050ACOSIK2EA0EY		010TF		3249	+	08500			A	JS
SUSAP	KPGAK2FR33	R	060ACOSIK2EA0EE		HR020HM		14800070	+	08500			A	JS

[illegible]

CITY AND STATE PAGE, AZ	ELEVATION: 4316 TDZE: 4316 AIRPORT NAME: PAGE MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG FEB 14 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	KPGA2PR33	RW33	001	0000W33A0N3655002050W1126458250+129210300N3656281000W1127049400106750936000500F4005006A759FD0
SUSAP	KPGA2PR33	RW33	002	+13155+13155LPV 69204 000

SUSAP KPGAK2SRW33 K2PG 0 25180116 M

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
	CELAY	CELAY	010	IAF	IF		FB				
	CELAY	EKAME	020		TF		FB	1.0	333.8 (348T)	004.0	08200
	KLIFF	KLIFF	010	IAF	IF		FB				
	KLIFF	EKAME	020		TF		FB	1.0	079.9 (094T)	012.8	08200
		EKAME	010	FACF	IF		FB				08200
		DIBEY	011	SDF	TF		FB	0.5	336.1 (350T)	005.1	07500
		CADRI	020	FAF	TF		FB	0.5	336.1 (350T)	004.1	06900
		JATKA	021	SDF	TF		FB	0.3	336.1 (350T)	003.3	05800
		AYAVA	022	SDF	TF		FB	0.3	336.1 (350T)	001.6	05280
		RW33	030	MAP	TF		FO	0.3	336.1 (350T)	002.9	04366

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BIGNE	040		DF		FB	1.0			
	ACOSI	050		TF		FO	1.0	324.9 (339T)		08500
	ACOSI	060		HM	R	FO	2.0	148.0 (162T)	007.0	08500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACOSI	N370707.35	W1113204.59	N3707.123	W11132.077
	AYAVA	N365208.58	W1112608.55	N3652.143	W11126.143
	BIGNE	N365658.58	W1112711.57	N3656.976	W11127.193
	CADRI	N364719.27	W1112505.81	N3647.321	W11125.097
	CELAY	N363418.95	W1112204.96	N3634.316	W11122.083
	DIBEY	N364315.89	W1112413.14	N3643.265	W11124.219
	EKAME	N363814.02	W1112307.94	N3638.234	W11123.132
	JATKA	N365033.88	W1112548.00	N3650.565	W11125.800
	KLIFF	N363907.44	W1113901.05	N3639.124	W11139.018
	RW33	N365500.21	W1112645.83	N3655.004	W11126.764

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW33	04316	50	

CITY AND STATE

PAGE, AZ

ELEVATION: 4316 TDZE: 4316
 AIRPORT NAME:

PAGE MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG
FEB 14 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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles 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 FEB 14 2008

CITY AND STATE PAGE, AZ	ELEVATION: 4313 TDZE: 4268 AIRPORT NAME: PAGE MUNI	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 15, ORIG-A, 12/03/1998	SUP AMDT DATE 02/29/1996
				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 7 AND 25: NA - OBSTACLES

RWY 33: STANDARD

RWY 15: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 252 FEET PER NM TO 6500, OR 1900-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 33 CLIMB VIA 337.10 HEADING TO 6000, THEN CLIMBING LEFT TURN TO PGA VOR/DME. CROSS PGA VOR/DME AT OR ABOVE 7700. CONTINUE CLIMB IN PGA VOR/DME HOLDING PATTERN (HOLD NW, RIGHT TURNS 147.00 INBOUND) TO AIRWAY MEA.

RWY 15 CLIMB VIA 157.10 HEADING TO 6000, THEN CLIMBING RIGHT TURN TO PGA VOR/DME. CROSS PGA VOR/DME AT OR ABOVE 7700. CONTINUE CLIMB IN PGA VOR/DME HOLDING PATTERN (HOLD NW, RIGHT TURNS 147.00 INBOUND) TO AIRWAY MEA, OR CLIMB IN VISUAL CONDITIONS: CROSS PAGE AIRPORT AT OR ABOVE 6100, BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15 TERRAIN 192 FEET FROM DER, 274 FEET RIGHT OF CENTERLINE, 4323 FEET MSL, TREE 1.07 NM FROM DER, 167 FEET LEFT OF CENTERLINE, 4519 MSL, TRANS LINES 1.96 NM FROM DER, 825 LEFT OF CENTERLINE, 100 FEET AGL/4519 MSL, PWRLINE 4.00 NM FROM DER, 3606 FEET RIGHT OF CENTERLINE, 75 FEET AGL/4819 FEET MSL, PWRLINE 4.35 NM FROM DER, 3968 FEET RIGHT OF CENTERLINE, 75 FEET AGL/ 4919 FEET MSL, PWRLINE 5.36 NM FROM DER, 5039 FEET RIGHT OF CENTERLINE, 75 FEET AGL/5119 FEET MSL, PWRLINE 4.51 NM FROM DER, 4136 FEET RIGHT OF CENTERLINE, 75 FEET AGL/5019 FEET MSL, TREE 4.52 NM FEET FROM DER, 1508 FEET RIGHT OF CENTERLINE, 100 FEET AGL/5173 FEET MSL, AAO 4.58 NM FROM DER, 1617 FEET RIGHT OF CENTERLINE, 200 FEET AGL/5187 FEET MSL, AAO 5.15 NM FROM

(4) CONTROLLING OBSTACLES:

RWY 15: 4323 MSL TERRAIN 365457.87N-1112648.75W, 4519 MSL TREE 365357.00N-1112630.00, 4519 MSL TRANS LINES 365305.23N-1112610.53W, 4994 MSL PWRLINE 365057.19N-1112638.10W, 4994 MSL PWRLINE 365035.90N-1112638.00W, 5094 MSL PWRLINE 365025.79-1112637.90W, 5173 MSL TREE 365030.00N-1112606.00W, 5187 MSL AAO 365026.04N-1112606.502, 5190 MSL AAO 365002.82N-1112445.62W, 5249 MSL TREE 364924.00N-1112624.00W, 5440 MSL AAO 364907.00N-1112521.00W, 5249 MSL TREE 4924.00N-1112624.00W, 5389 MSL TREE 364845.00N-1112554.00W,

(5) City, State

PAGE, AZ

(6) Airport

PAGE MUNI

(7) Effective Date
FEB 14 2008

(8) Amdt. No.

2



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

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

(3) TAKEOFF OBSTACLE NOTES:

DER, 4456 FEET LEFT OF CENTERLINE, 200 FEET AGL/5190 FEET MSL, TREE 5.56 NM FROM DER, 4097 FEET RIGHT OF CENTERLINE, 30 FEET AGL/5249 FEET MSL, AAO 5.98 NM FROM DER, 653 FEET LEFT OF CENTERLINE, 200 FEET AGL/5440 FEET .

(4) CONTROLLING OBSTACLES:

364924.00N-1112624.00W, 5389 MSL TREE 364845.00N-1112554.00W, 5489 MSL TREE 364755.66N-1112452.19W, 5593 MSL TREE 364718.00N-1112515.00W, 5899 MSL WHITEDOME
364642.92N-1112555.00W, 5173 MSL TREE 365030.00W-1112606.00W, 5771 MSL AAO 364648.60N-1112743.14W, (VCOA): 5140 MSL PLANT 365415.00N-1112320.00W, 6902 MSL AAO
365053.40N-1114039.30W.

City, State PAGE, AZ		Airport PAGE, MUNI		Effective Date FEB 14 2008	Amdt. No. 2
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
RSW VORTAC	MUFFE LOM	231.31 / 4.18	2000	ILS: DA LOC: 4.30 MILES AFTER MUFFE LOM				
				CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2300 VIA RSW VORTAC R-140 TO CORFU INT/RSW 10.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2300 VIA HEADING 150 AND CYY VOR/DME R-018 TO WIMEX/CYY 17.96 DME AND HOLD S, RT, 018.33 INBOUND. DME REQUIRED.				
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 320.33 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S WIMEX/CYY 17.96 DME, RT, 018.33 INBOUND. CHART FAS OBST: 130 ANT 262932N/0814831W CHART 330 TWR 262910N/0815001W. CHART: ASR CHART IN PLANVIEW: WIMEX/CYY 17.96 DME.				
1. PT <u>L</u> SIDE OF COURSE <u>238.10</u> OUTBOUND <u>1600</u> FT WITHIN <u>10</u> MILES OF <u>MUFFE LOM</u> (IAF) 2. _____ 3. FAC: <u>058.10</u> FAF: <u>MUFFE LOM</u> DIST FAF TO MAP: <u>4.30</u> THLD: <u>4.30</u> 4. MIN. ALT: <u>MUFFE LOM 1600</u> 5. DIST TO THLD FROM OM: <u>4.30</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1052</u> 6. MIN GS INCPT: <u>1600</u> GS ALT AT: <u>GS INTCP</u> OM: <u>1467</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.1</u> 8. MSA FROM: <u>RS LOM 2600</u>				MAG VAR: 4W 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	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 6	227	1800	200	227	1800	200	227	1800
S-LOC 6	380	2400	353	380	2400	353	380	2400
CIRCLING	500	1	470	500	1	470	580	2
NOTES: CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: CAT E PROCEDURE TURN NA - RADAR REQUIRED. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 6 CAT E VISIBILITY TO RVR 4000 AND S-LOC 6 CAT E VISIBILITY TO RVR 6000. # CAT E 700-2 1/2 @ CAT E 800-2 1/2 # @ NA WHEN CONTROL TOWER CLOSED.								
CITY AND STATE		ELEVATION: 30 TDZE: 27		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP: ILS RWY 6
FORT MYERS, FL		AIRPORT NAME:		I-RSW		ILS OR LOC RWY 6, AMDT 6		AMDT: 5
		SOUTHWEST FLORIDA INTL				FEB 14 2008		DATED 01/18/2007



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	
PBI VORTAC	RELTY/PBI 4.75 DME/RADAR	094.20 / 4.75	1600	ILS: DA LOC: 4.41 MILES AFTER RELTY/PBI 4.75 DME/RADAR OR AT PBI 0.36 DME FIX CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 VIA PBI VORTAC R-343 TO MORGAN INT/PBI 17.81 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2000 VIA HEADING 299 AND PHK VORTAC R-090 TO CASK/PHK 12.84 DME AND HOLD E, LT, 270.34 INBOUND. DME REQUIRED. ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.24 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E CASK/PHK 12.84 DME, LT, 270.34 INBOUND. CHART FAS OBST: 200 SHIP 264042N/0795956W CHART IN PLANVIEW: CASK/PHK 12.84 DME. CHART 1600 PRIOR TO RELTY IN PROFILE.

- PT L SIDE OF COURSE 095.79 OUTBOUND 1500 FT WITHIN 10 MILES OF RELTY (IAF)
-
- FAC: 275.79 FAF: RELTY/PBI 4.75 DME/RADAR DIST FAF TO MAP: 4.41 THLD: 4.41
- MIN. ALT: RELTY 1500
- DIST TO THLD FROM OM: 4.41 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1152
- MIN GS INCPT: 1500 GS ALT AT: RELTY 1500 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 58.1
- MSA FROM: PBI VORTAC 2600

MAG VAR: 3W

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD #	LOC: STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27R	218	4000	200	218	4000	200	218	4000	200	218	4000	200			
S-LOC 27R	460	5000	442	460	5000	442	460	6000	442	460	1 1/2	442			
CIRCLING	500	1	481	500	1	481	640	1 3/4	621	680	2	661			

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

CAT C, D 700-2

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: I-PWB	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 2 FEB 14 2008	SUP: ILS RWY 27R AMDT: 1 DATED 06/13/2002
---------------------------------------	--	-------------------------------	---	---



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

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

TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LNAV: RW19							
IDA VOR/DME (IAF)		AMXOJ (FB)		209.65 / 11.00			7000		CLIMB TO 8500 DIRECT NARBE AND VIA 199.32 TRACK TO PIH VORTAC AND HOLD.							
AMXOJ (IF)		YILKO (FB)		188.99 / 6.20			6200									
										ADDITIONAL FLIGHT DATA: HOLD S, LT, 020.87 INBOUND. CHART ARRIVAL HOLDING AT IDA VOR/DME: HOLD N, RT, 195.00 INBOUND, 7000. HOLD S, LT, 020.87 INBOUND CHART FAS OBST:4667 TREE 431751/1121848W YILKO TO RW19 3.05/37						
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)										MAG VAR: 15E EPOCH YEAR: 2000						
2. PROFILE STARTS AT AMXOJ																
3. FAC: <u>188.95</u> FAF: <u>YILKO</u> DIST FAF TO MAP: <u>5.21</u> THLD: <u> </u>																
4. MIN. ALT: <u>AMXOJ 7000, YILKO 6200</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>RW19 10500</u>																
MINIMUMS																
TAKEOFF: <u> </u>		STANDARD ☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A ☒										
CATEGORY =====>		A		B		C		D		E						
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING		5340	1	852	5340	1 1/4	852	5340	2 1/2	852	5380	3	892			
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: USE POCATELLO REGIONAL ALTIMETER SETTING, WHEN NOT RECEIVED USE IDAHO FALLS REGIONAL ALTIMETER SETTING. CHART PLANVIEW NOTE: HOLDING NOT REQUIRED FOR ARRIVALS AT IDA VOR/DME VIA V21-365 SOUTHBOUND.																
CITY AND STATE BLACKFOOT, ID		ELEVATION: 4488 TDZE: AIRPORT NAME: MCCARLEY FIELD			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS)-A, ORIG FEB 14 2008					SUP: AMD'T: 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 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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 U02 K1SRW19 K1PG

0 25180105

M

CITY AND STATE

BLACKFOOT, ID

ELEVATION: 4488 TDZE:

AIRPORT NAME:

MCCARLEY FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-A, ORIG

FEB 14 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
	IDA	IDA	010	IAF	IF		FB				
	IDA	AMXOJ	020		TF		FB	2.0	209.7 (225T)	011.0	07000
		AMXOJ	010	FACF	IF		FB				07000
		YILKO	020	FAF	TF		FB	1.0	189.0 (204T)	006.2	06200
		RW19	030	MAP	TF		FO	0.3	189.0 (204T)	005.2	05380

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	2.0	189.0 (204T)		04888
	NARBE	050		DF		FB	2.0			
	PIH	060		TF		FO	2.0	199.3 (214T)		08500
	PIH	070		HM	L	FO	2.0	020.9 (036T)	007.0	08500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IDA	N433108.42	W1120350.10	N4331.140	W11203.835
	PIH	N425213.38	W1123908.05	N4252.223	W11239.134
	AMXOJ	N432318.53	W1121426.02	N4323.309	W11214.434
	NARBE	N431024.11	W1122216.81	N4310.402	W11222.280
	YILKO	N431738.81	W1121752.99	N4317.647	W11217.883
	RW19	N431252.78	W1122046.70	N4312.880	W11220.778

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE
BLACKFOOT, ID

ELEVATION: 4488 TDZE:
AIRPORT NAME:
MCCARLEY FIELD

**FACILITY
 IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS)-A, ORIG
FEB 14 2008

SUP:
AMDT: NONE
DATED:



GA
E
APPROVED

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

SUSAP U02 K1SRW01 K1PG

0 25180105

M

CITY AND STATE

BLACKFOOT, ID

ELEVATION: 4488

TDZE:

AIRPORT NAME:

MCCARLEY FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-B, ORIG

FEB 14 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
	PIH	PIH	010	IAF	IF		FB				
	PIH	MILMK	020		TF		FB	2.0	020.9 (036T)	012.0	07000
		MILMK	010	FACF	IF		FB				07000
		OHJOJ	020	FAF	TF		FB	1.0	021.0 (036T)	006.9	06200
		RW01	030	MAP	TF		FO	0.3	008.9 (024T)	005.2	05380

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	2.0	008.9 (024T)		04888
	JASKI	050		DF		FB	2.0			
	IDA	060		TF		FO	2.0	020.0 (035T)		07000
	IDA	070		HM	R	FO	2.0	195.0 (210T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IDA	N433108.42	W1120350.10	N4331.140	W11203.835
	PIH	N425213.38	W1123908.05	N4252.223	W11239.134
	JASKI	N431442.49	W1121940.13	N4314.708	W11219.669
	MILMK	N430156.58	W1122932.83	N4301.943	W11229.547
	OHJOJ	N430730.05	W1122402.14	N4307.501	W11224.036
	RW01	N431213.83	W1122110.32	N4312.231	W11221.172

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH

CITY AND STATE
BLACKFOOT, ID

ELEVATION: 4488 TDZE:
AIRPORT NAME:
MCCARLEY FIELD

**FACILITY
 IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS)-B, ORIG
FEB 14 2008

SUP:
AMDT: NONE
DATED:



APPROVED

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									
				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: _____												
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
NOTES:												
PROCEDURE CANCELED EFFECTIVE <u>FEB 14 2008</u>												
CITY AND STATE		ELEVATION: 4488 TDZE: 4488		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:			
BLACKFOOT, ID		AIRPORT NAME: MCCARLEY FIELD		RNAV		RNAV (GPS) RWY 1, ORIG, 12/27/2001			AMDT: NONE			
									DATE			

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	
				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: _____

MINIMUMS

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

NOTES: _____
PROCEDURE CANCELED EFFECTIVE FEB 14 2008

CITY AND STATE BLACKFOOT, ID	ELEVATION: 4488 TDZE: 4488 AIRPORT NAME: MCCARLEY FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG, 12/27/2001	SUP: AMDT: NONE DATED
-------------------------------------	---	------------------------------	---	-----------------------------



VOR/DME

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP:			
				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: _____																
MINIMUMS																
TAKEOFF: ☐		STANDARD ☐		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A ☐								
CATEGORY $\Rightarrow$		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	

NOTES:

FEB 14 2008

PROCEDURE CANCELLED EFFECTIVE _____

CITY AND STATE	ELEVATION: 4488	TDZE: 4488	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP
	AIRPORT NAME:		PIH	VOR/DME RWY 1, ORIG, 12/27/2001	AMDT NONE
	BLACKFOOT, ID	MCCARLEY FIELD			DATE



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES								MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 2500 DIRECT EYUTA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.11 INBOUND. CHART FAS OBST: 959 TREE 393906N/0864836W DISTANCE TO THLD FROM 350 HAT: 0.90 NM. CHART VDP AT 1.19 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 86906 REFERENCE PATH ID: W18A 1069 AAO 394300N/0864900W.								
ALLOE	PURTE (FB)	116.22 / 13.14	2500									
VHP VORTAC	GALPE (FB)	274.77 / 15.42	2600									
GALPE (IAF)	FAMTU (NOPT) (FB)	274.18 / 5.00	2500									
PURTE (IAF)	FAMTU (NOPT) (FB)	094.04 / 5.00	2500									
FAMTU (IF/IAF)	JOBKO (FB)	184.11 / 6.42	2500									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N FAMTU, RT, 184.11 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>184.11</u> FAF: <u>JOBKO</u> DIST FAF TO MAP: <u>4.58</u> THLD: <u>4.58</u> 4. MIN. ALT: FAMTU 2500, JOBKO 2500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2500</u> GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.30</u> TCH: <u>35.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW18 2600				MAG VAR: 3W EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1192	1 1/4	350	1192	1 1/4	350		NA			NA	
LNAV/VNAV DA	1262	1 1/2	420	1262	1 1/2	420		NA			NA	
LNAV MDA	1240	1	398	1240	1	398		NA			NA	
CIRCLING	1280	1	438	1300	1	458		NA			NA	
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING INDIANAPOLIS 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: 842 TDZE: 842		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
GREENCASTLE, IN		AIRPORT NAME:				RNAV (GPS) RWY 18, AMDT 1		AMDT: ORIG				
		PUTNAM COUNTY				FEB 14 2008		DATED 10/30/2003				



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

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

NOTES CONT.**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 80 FEET AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS.****CHART NOTE PROFILE: VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VHP VORTAC AIRWAY RADIALS 229 CW 311.**

CITY AND STATE

GREENCASTLE, IN

ELEVATION: 842 TDZE: 842

AIRPORT NAME:

PUTNAM COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 10/30/2003



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	417
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	393825.4510N
LTP/FTP LONGITUDE	0864849.1255W
LTP/FTP ELLIPSOIDAL HEIGHT	+02235
FPAP LATITUDE	393656.2900N
FPAP LONGITUDE	0864851.3600W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.30
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
<u>CRC REMAINDER</u>	61EF1C48

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02566
FPAP ORTHOMETRIC HEIGHT	+02566

CITY AND STATE
GREENCASTLE, IN

ELEVATION: 842 TDZE: 842
AIRPORT NAME:
PUTNAM COUNTY

FACILITY
IDENTIFIER:
RNAV

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

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 10/30/2003



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

[illegible]

CITY AND STATE GREENCASTLE, IN	ELEVATION: 842 TDZE: 842	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 FEB 14 2008	SUP:
	AIRPORT NAME:			AMDT: ORIG
	PUTNAM COUNTY			DATED: 10/30/2003

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

00842000035100

SUSAP 4I7 K5PR18 RW18 001 0000W18A0N3938254510W08648491255+022350330N3936562900W08648513600106751232000350F40050061EF1C48
SUSAP 4I7 K5PR18 RW18 002 +02566+02566LPV 86906 000

SUSAP 4I7 K5SRW18 K5PG 0 25180026 M

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
	ALLOE	ALLOE	010		IF		FB				
	ALLOE	PURTE	020	IAF	TF		FB	2.0	116.2 (113T)	013.1	02500
	ALLOE	FAMTU	030		TF		FB	1.0	094.0 (091T)	005.0	02500
	FAMTU	FAMTU	010		HF	R	FB		184.1 (181T)	004.0	02500
	VHP	VHP	010		IF		FB				
	VHP	GALPE	020	IAF	TF		FB	2.0	274.8 (272T)	015.4	02600
	VHP	FAMTU	030		TF		FB	1.0	274.2 (271T)	005.0	02500
		FAMTU	010	FACF	IF		FB				02500
		JOBKO	020	FAF	TF		FB	0.5	184.1 (181T)	006.4	02500
		RW18	030	MAP	TF		FO	0.3	184.1 (181T)	004.6	00877

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EYUTA	040		DF		FO	1.0			02500
	EYUTA	050		HM	R	FO	2.0	004.1 (001T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VHP	N394853.02	W0862202.88	N3948.884	W08622.048
	ALLOE	N395443.65	W0871042.39	N3954.728	W08710.707
	EYUTA	N392635.63	W0864906.88	N3926.594	W08649.115
	FAMTU	N394925.87	W0864832.53	N3949.431	W08648.542
	GALPE	N394919.88	W0864203.24	N3949.331	W08642.054
	JOBKO	N394300.28	W0864842.23	N3943.005	W08648.704
	PURTE	N394931.51	W0865501.85	N3949.525	W08655.031
	RW18	N393825.45	W0864849.13	N3938.424	W08648.819

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	00842		35

CITY AND STATE
GREENCASTLE, IN

ELEVATION: 842 TDZE: 842
 AIRPORT NAME:
PUTNAM COUNTY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, AMDT 1
FEB 14 2008

SUP:
 AMDT: **ORIG**
 DATED: **10/30/2003**



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
TTH VORTAC	HADBI (FB)	102.90 / 15.23	2500	LPV: DA LNAV/VNAV: DA LNAV: RW36
ZARHO	JANIX (FB)	263.11 / 14.40	2500	
HADBI (IAF)	EYUTA (NOPT) (FB)	094.04 / 5.00	2500	CLIMB TO 2500 DIRECT FAMTU AND HOLD.
JANIX (IAF)	EYUTA (NOPT) (FB)	274.18 / 5.00	2500	
EYUTA (IF/IAF)	AGUYU (FB)	004.11 / 6.18	2400	ADDITIONAL FLIGHT DATA: HOLD N, RT, 184.11 INBOUND. CHART FAS OBST: 899 TREE 393714N/0864901W CHART FAS OBST: 1130 TOWER 393500N/0864932W DISTANCE TO THLD FROM 294 HAT: 0.88 NM. CHART VDP AT 1.87 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 40306 REFERENCE PATH ID: W36A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S EYUTA, RT, 004.11 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 004.11 FAF: AGUYU DIST FAF TO MAP: 4.82 THLD: 4.82
- MIN. ALT: EYUTA 2500, AGUYU 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2400 GS ALT AT: OM: MM: IM:
- GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR
- MSA FROM: RW36 2600

MAG VAR: 3W EPOCH YEAR: 2005

MINIMUMS

TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1123	1 1/4	294	1123	1 1/4	294		NA			NA				
LNAV/VNAV DA	1242	1 1/2	413	1242	1 1/2	413		NA			NA				
LNAV MDA	1440	1	611	1440	1	611		NA			NA				
CIRCLING	1440	1	598	1440	1	598		NA			NA				

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING INDIANAPOLIS 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: PROCEDURE NA AT NIGHT.
 SEE 8260-10

CITY AND STATE GREENCASTLE, IN	ELEVATION: 842 TDZE: 829 AIRPORT NAME: PUTNAM COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 FEB 14 2008	SUP: AMDT: ORIG-A DATED 12/23/2004
--	---	-------------------------------------	--	--



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

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

NOTES CONT.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZARHO VIA V12 EASTBOUND, V305 NORTHBOUND, AND ARRIVALS ON TTH VORTAC AIRWAY RADIALS 062 CW 134.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE INDIANAPOLIS INTL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 80 FEET, AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS.

CHART NOTE: VDP NA WHEN USING INDIANAPOLIS INTL ALTIMETER SETTING.

CITY AND STATE

GREENCASTLE, IN

ELEVATION: 842 TDZE: 829

AIRPORT NAME:

PUTNAM COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG-A

DATED: 12/23/2004



**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	417
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	393736.1810N
LTP/FTP LONGITUDE	0864850.3520W
LTP/FTP ELLIPSOIDAL HEIGHT	+02151
FPAP LATITUDE	393905.3400N
FPAP LONGITUDE	0864848.1200W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1232
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D4ED5FF9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02481
FPAP ORTHOMETRIC HEIGHT	+02481

CITY AND STATE

GREENCASTLE, IN

ELEVATION: 842 TDZE: 829

AIRPORT NAME:

PUTNAM COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG-A

DATED: 12/23/2004



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

ARINC PACKET - 424-17[illegible]

CITY AND STATE GREENCASTLE, IN	ELEVATION: 842 TDZE: 829	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 FEB 14 2008	SUP:
	AIRPORT NAME:			AMDT: ORIG-A
	PUTNAM COUNTY			DATED: 12/23/2004



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

SUSAP 4I7 K5GRW36 0049870041 N39373618W086485035+0600 00814000030100

[illegible]

SUSAP	4I7	K5PR36	RW36	001	0000W36A0N3937361810W08648503520+021510300N3939053400W08648481200106751232000300F400500D4ED5FF9
SUSAP	4I7	K5PR36	RW36	002	+02481+02481LPV 40306 000

[illegible]

SUSAP 4I7 K5SRW36 K5PG 0 25180026 M

SUP:	
AMDT:	ORIG-A
DATED:	12/23/2004

FEB 14 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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EYUTA	EYUTA	010		HF	R	FB		004.1(001T)	004.0	02500
	TTH	TTH	010		IF		FB				
	TTH	HADBI	020	IAF	TF		FB	2.0	102.9(100T)	015.2	02500
	TTH	EYUTA	030		TF		FB	1.0	094.0(091T)	005.0	02500
	ZARHO	ZARHO	010		IF		FB				
	ZARHO	JANIX	020	IAF	TF		FB	2.0	263.1(260T)	014.4	02500
	ZARHO	EYUTA	030		TF		FB	1.0	274.2(271T)	005.0	02500
		EYUTA	010	FACF	IF		FB				02500
		AGUYU	020	FAF	TF		FB	0.5	004.1(001T)	006.2	02400
		RW36	030	MAP	TF		FO	0.3	004.1(001T)	004.8	00844

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FAMTU	040		DF		FO	1.0			02500
	FAMTU	050		HM	R	FO	2.0	184.1(181T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	TTH	N392920.24	W0871456.46	N3929.337	W08714.941
	AGUYU	N393246.83	W0864857.59	N3932.781	W08648.960
	EYUTA	N392635.63	W0864906.88	N3926.594	W08649.115
	FAMTU	N394925.87	W0864832.53	N3949.431	W08648.542
	HADBI	N392641.27	W0865534.06	N3926.688	W08655.568
	JANIX	N392629.63	W0864239.71	N3926.494	W08642.662
	ZARHO	N392859.99	W0862417.99	N3929.000	W08624.300
	RW36	N393736.18	W0864850.35	N3937.603	W08648.839

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW36	00814		30

CITY AND STATE
GREENCASTLE, IN

ELEVATION: 842 TDZE: 829
AIRPORT NAME:
PUTNAM COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, AMDT 1
FEB 14 2008

SUP:
AMDT: ORIG-A
DATED: 12/23/2004



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 18, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, ROAD AND VEHICLE 365' FROM DER, 577' RIGHT OF CENTERLINE, 23' AGL/832' MSL. POLE 598' FROM DER, 374' RIGHT OF CENTERLINE, 27' AGL/836' MSL. POLE 640' FROM DER, 423' RIGHT OF CENTERLINE, 28' AGL/837' MSL. BUILDING 773' FROM DER, 525' RIGHT OF CENTERLINE, 32' AGL/841' MSL. TREES BEGINNING 554' FROM DER, 428' RIGHT OF CENTERLINE, UP TO 100' AGL/899' MSL. FENCE 128' FROM DER, 306' LEFT OF CENTERLINE, 13' AGL/822' MSL. FENCE 214' FROM DER, 307' LEFT OF CENTERLINE, 16' AGL/825' MSL. TREES BEGINNING 901' FROM DER, 277' LEFT OF CENTERLINE, UP TO 100' AGL/865' MSL.

NOTE: RWY 36, TERRAIN BEGINNING 5' FROM DER, 85' RIGHT OF CENTERLINE, 0' AGL/854' MSL. STPL 1863' FROM DER, (CONT.)

(4) CONTROLLING OBSTACLES:

(5) City, State

GREENCASTLE, IN

(6) Airport

PUTNAM COUNTY

(7) Effective Date

FEB 18 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.

(3) TAKEOFF OBSTACLES NOTES:

310' RIGHT OF CENTERLINE, 45' AGL/894' MSL. TREES BEGINNING 658' FROM DER, 115' RIGHT OF CENTERLINE, UP TO 100' AGL/959' MSL. ANT ON BUILDING 2725' FROM DER, 18'
LEFT OF CENTERLINE, 64' AGL/913' MSL. TREES BEGINNING 30' FROM DER, 250' LEFT OF CENTERLINE, UP TO 100' AGL/949' MSL.

City, State GREENCASTLE, IN	Airport PUTNAM COUNTY	Effective Date FEB 18 2008	Amdt. No. ORIG		
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date



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

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

TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE								
KELLY INT (IAF)		MERLO/I-IND 15.42 DME/RADAR		030.00 / 2.33 (HDG) & 046.54 / 8.29 (I-IND)				5000*		ILS: DA LOC: 6.80 MILES AFTER CENEK/8.81 DME/RADAR OR AT I-IND 2.02 DME FIX						
MERLO/I-IND 15.42 DME/RADAR (IF)		JODEL/I-IND 12.02 DME/RADAR		046.54 / 3.40 (I-IND)				4000*		CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 3000 DIRECT VHP VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 VIA HEADING 230.00 AND TTH VORTAC R-077 TO CLOTT/TTH 23.33 DME AND HOLD E, RT, 257.00 INBOUND. (DME REQUIRED).						
JODEL/I-IND 12.02 DME/RADAR		CENEK/I-IND 8.81 DME/RADAR		046.54 / 3.20 (I-IND)				3000								
										ADDITIONAL FLIGHT DATA: HOLD NW, RT, 131.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E CLOTT/TTH 23.33 DME, RT, 257.00 INBOUND. CHART FAS OBST: 960 TOWER 394115N/0862042W CHART LOC RWY 5R. CHART VDP AT 3.57 DME; DISTANCE VDP TO THLD 1.55 MILES. CHART IN PLANVIEW: CLOTT/TTH 23.33 DME. CHART SUBDUED: PULLY LOM CHART (OYINU) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.						
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)										MAG VAR: 2W EPOCH YEAR: 1985						
2. PROFILE STARTS AT MERLO/I-IND 15.42 DME/RADAR																
3. FAC: <u>046.54</u> FAF: <u>CENEK/I-IND 8.81 DME/RADAR</u> DIST FAF TO MAP: <u>6.80</u> THLD: <u>6.80</u>																
4. MIN. ALT: <u>MERLO 5000*, JODEL 4000*, CENEK 3000</u>																
5. DIST TO THLD FROM OM: <u>6.80</u> MM: <u>0.51</u> IM: <u>1050</u> 150 HAT: <u>-</u> 100 HAT: <u>1051</u> GS ANT: <u>990</u>																
6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>CENEK/I-IND 8.81 DME/RADAR 3000</u> OM: <u>-</u> MM: <u>956</u> IM: <u>848</u>																
7. GS ANGLE: <u>3.00</u> TCH: <u>54.6</u>																
8. MSA FROM: <u>VHP VORTAC 3100</u>																
MINIMUMS																
TAKEOFF: <u> </u>		STANDARD <u>X</u>		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: <u>NA</u>		ILS: <u>#</u>		LOC: STANDARD				
CATEGORY <u>=====</u>		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 5L		948	1800	200	948	1800	200	948	1800	200	948	1800	200			
S-LOC 5L		1300	2400	552	1300	2400	552	1300	5000	552	1300	6000	552			
CIRCLING		1400	1	603	1400	1	603	1400	1 3/4	603	1400	2	603			
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 5L: DA 848 MSL, 118 RA, # CAT A, B, C, D 700-2 RVR 1200, HAT 100; CAT A, B, C, D. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 5L: CAT IIIA RVR 700; CATS A, B, C, D. CAT IIIB RVR 600; CATS A, B, C, D. CAT IIIC NA. SEE 8260-10																
CITY AND STATE		ELEVATION: 797 TDZE: 748			FACILITY IDENTIFIER: I-IND		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP: ILS RWY 5L				
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL					ILS OR LOC RWY 5L, AMDT 3 ILS RWY 5L (CAT II), ILS RWY 5L (CAT III)					AMDT: 2				
							FEB 14 2008					DATED 06/13/2002				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 5R.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 SOUTHWEST BOUND AND V12 WESTBOUND.

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

*3000 WHEN AUTHORIZED BY ATC

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797

TDZE: 748

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

IND

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 5L, AMDT 3
ILS RWY 5L (CAT II), ILS RWY 5L (CAT III)

FEB 14 2008

SUP: ILS RWY 5L

AMDT: 2

DATED: 06/13/2002

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: 6.96 MILES AFTER NURVE/I-OQV 8.78 DME/RADAR OR AT I-OQV 1.81 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT COLFA LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 DIRECT LAREZ LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, HOLD NE, LT, 226.57 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.56 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE FV LOM, LT, 226.57 INBOUND. CHART FAS OBST: 865 TREE 394132N/0861900W CHART LOC RWY 5L CHART VDP AT 2.65 DME; DISTANCE VDP TO THLD 0.83 MILES. CHART IN PLANVIEW: FV LOM. CHART SUBDUED: BRINN LOM CHART (CIVUV) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. CHART: LOC RWY 5L				
KELLY INT (IAF) BIRRA/I-OQV 15.24 DME/RADAR (IF) MEHNE/I-OQV 11.84 DME/RADAR	BIRRA/I-OQV 15.24 DME/RADAR MEHNE/I-OQV 11.84 DME/RADAR NURVE/I-OQV 8.78 DME/RADAR	048.00 / 4.59 (HDG) & 046.55 / 6.18 (I-OQV) 046.55 / 3.40 (I-OQV) 046.55 / 3.07 (I-OQV)	5000* 4000* 3100					
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>PROFILE STARTS AT BIRRA/I-OQV 15.24 DME/RADAR</u> 3. FAC: <u>046.55</u> FAF: <u>NURVE/I-OQV 8.78 DME/RADAR</u> DIST FAF TO MAP: <u>6.96</u> THLD: <u>6.96</u> 4. MIN. ALT: <u>BIRRA 5000*, MEHNE 4000*, NURVE 3100, GOLSE/I-OQV 3.30 DME 1220##</u> 5. DIST TO THLD FROM OM: <u>6.96</u> MM: <u>0.46</u> IM: <u>876</u> 150 HAT: <u>-</u> 100 HAT: <u>990</u> GS ANT: <u>1032</u> 6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>NURVE/I-OQV 8.78 DME/RADAR 3100</u> OM: <u>-</u> MM: <u>985</u> IM: <u>885</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.3</u> 8. MSA FROM: <u>VHP VORTAC 3100</u>				MAG VAR: 2W 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
S-ILS 5R	991	1800	200	991	1800	200	991	1800
S-LOC 5R	1220	2400	429	1220	2400	429	1220	5000
CIRCLING	1400	1	603	1400	1	603	1400	2
GOLSE FIX MINIMUMS								
S-LOC 5R	1120	2400	329	1120	2400	329	1120	4000
CIRCLING	1400	1	603	1400	1	603	1400	2
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 5R: DA 891 MSL, 131 RA, # CAT A, B, C, D 700-2 RVR 1200, HAT 100; CAT A, B, C, D. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 5R: CAT IIIA RVR 700; CATS A, B, C, D. CAT IIIB RVR 600; CATS A, B, C, D. CAT IIIC NA. SEE 8260-10								
CITY AND STATE INDIANAPOLIS, IN		ELEVATION: 797 TDZE: 791 AIRPORT NAME: INDIANAPOLIS INTL		FACILITY IDENTIFIER: I-OQV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 5R, AMDT 5 ILS RWY 5R (CAT II), ILS RWY 5R (CAT III) FEB 14 2008		SUP: AMDT: 4 DATED 02/16/2006

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 NOTE: FOR INOPERATIVE ALSF, INCREASE GOLSE FIX MINIMUMS S-LOC 5R CAT D VISIBILITY TO RVR 5000.

CHART NOTE: ADF REQUIRED.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 5L.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 AND V12 SOUTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: ADF AND DME OR RADAR REQUIRED.

LOC ONLY

*3100 WHEN AUTHORIZED BY ATC

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

I-OQV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 5R, AMDT 5
ILS RWY 5R (CAT II), ILS RWY 5R (CAT III)

FEB 14 2008

SUP:

AMDT: 4

DATED: 02/16/2006

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				
CLANG INT (IAF)	ISOLA INT/I-FVJ 13.25 DME/RADAR	181.57 / .31 (HDG) & 226.57 / 11.27 (I-FVJ)	5000*	ILS: DA LOC: 5.73 MILES AFTER ZEROX/INT/RADAR OR AT I-FVJ 0.17 DME FIX CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT COLFA LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 DIRECT BRINN LOM AND HOLD SW, RT, 046.55 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.56 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW OQ LOM, RT, 046.55 INBOUND. CHART FAS OBST: 901 TOWER 394345N/0861622W CHART LOC RWY 23R. CHART VDP AT 0.92 DME; DISTANCE VDP TO THLD 1.08 MILES. CHART IN PLANVIEW: OQ LOM. CHART IN PROFILE: I-FVJ DME ANTENNA. CHART (EVUYU) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. CHART SUBDUED: LAREZ LOM.			
ISOLA INT/I-FVJ 13.25 DME/RADAR (IF)	LATTE INT/I-FVJ 9.85 DME/RADAR	226.57 / 3.40 (I-FVJ)	4000*				
LATTE INT/I-FVJ 9.85 DME/RADAR	ZEROX INT/I-FVJ 5.56 DME/RADAR	226.57 / 4.29 (I-FVJ)	2700				
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. PROFILE STARTS AT ISOLA INT/I-FVJ 13.25 DME/RADAR 3. FAC: 226.57 FAF: ZEROX INT/I-FVJ 5.56 DME/RADAR DIST FAF TO MAP: 5.73 THLD: 5.73 4. MIN. ALT: ISOLA 5000*, LATTE 4000*, ZEROX 2700 5. DIST TO THLD FROM OM: 5.73 MM: 0.45 IM: - 150 HAT: - 100 HAT: - GS ANT: 1113 6. MIN GS INCPT: 2700 GS ALT AT: ZEROX INT/I-FVJ 5.56 DME/RADAR 2700 OM: - MM: 989 IM: - 7. GS ANGLE: 3.00 TCH: 58.5 8. MSA FROM: VHP VORTAC 3100				MAG VAR: 2W 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
S-ILS 23L	1042	2400	252	1042	2400	252	1042 2400 252
S-LOC 23L	1200	2400	410	1200	2400	410	1200 4000 410
CIRCLING	1400	1	603	1400	1	603	1400 2 603
NOTES: CHART NOTE: ADF REQUIRED. # CAT A, B, C, D 700-2 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 23R. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. *2700 WHEN AUTHORIZED BY ATC							
CITY AND STATE		ELEVATION: 797 TDZE: 790		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN		AIRPORT NAME:		I-FVJ		ILS OR LOC RWY 23L, AMDT 5	
		INDIANAPOLIS INTL				FEB 14 2008	
						SUP:	
						AMDT: 4	
						DATED 02/16/2006	

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ILS: DA LOC: 5.75 MILES AFTER WINOT/INT/I-UZK 5.58 DME/RADAR OR AT I-UZK 0.18 DME FIX CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VHP VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 240 AND TTH VORTAC R-077 TO CLOTT/TTH 23.33 DME AND HOLD E, RT, 257.00 INBOUND. (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD NW, RT, 131.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E CLOTT/TTH 23.33 DME, RT, 257.00 INBOUND. CHART FAS OBST: 930 TOWER 394613N/0861452W CHART IN PROFILE: I-UZK DME ANTENNA CHART LOC RWY 23L CHART VDP AT 0.87 DME; DISTANCE VDP TO THLD 1.05 MILES. CHART IN PLANVIEW: CLOTT/TTH 23.33 DME. CHART SUBDUED: RIBER OM CHART (SEYOY) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.							
CLANG INT (IAF)		CLAPR INT/I-UZK 13.25 DME/RADAR		244.00 / 1.94 (HDG) & 226.56 / 9.71 (I-UZK)				5000*									
CLAPR INT/I-UZK 13.25 DME/RADAR (IF)		FUSTO INT/I-UZK 9.87 DME/RADAR		226.56 / 3.38 (I-UZK)				4000*									
FUSTO INT/I-UZK 9.87 DME/RADAR		WINOT INT/I-UZK 5.58 DME/RADAR		226.56 / 4.29 (I-UZK)				2700									
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 CLAPR 3. FAC: <u>226.56</u> FAF: <u>WINOT</u> DIST FAF TO MAP: <u>5.75</u> THLD: <u>5.75</u> 4. MIN. ALT: <u>CLAPR 5000*, FUSTO 4000*, WINOT 2700</u> 5. DIST TO THLD FROM OM: <u>5.75</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1160</u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>WINOT 2700</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 8. MSA FROM: <u>VHP VORTAC 3100</u>										MAG VAR: 2W		EPOCH YEAR: 1985					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD			
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
S-ILS 23R	983	2400	200	983	2400	200	983	2400	200	983	2400	200					
S-LOC 23R	1180	2400	397	1180	2400	397	1180	2400	397	1180	4000	397					
CIRCLING 23R	1400	1	603	1400	1	603	1400	1 3/4	603	1400	2	603					
NOTES: CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 23L. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. *2700 WHEN AUTHORIZED BY ATC																# CAT A, B, C, D 700-2	
CITY AND STATE INDIANAPOLIS, IN				ELEVATION: 797 TDZE: 783 AIRPORT NAME: INDIANAPOLIS INTL				FACILITY IDENTIFIER: I-UZK		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 23R, AMDT 3 FEB 14 2008				SUP: ILS RWY 23R AMDT: 2 DATED 06/13/2002			

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
KELLY (IAF)	MERLO (FB)	042.70 / 10.54	3000	LPV: DA LNAV/VNAV: DA LNAV: RW05L CLIMB TO 2900 DIRECT WINOT AND VIA 048.35 TRACK TO CLANG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 243.86 INBOUND. CHART FAS OBST: 870 TREE 394155N/0862012W FAS OBST: 934 AAO 393927N/0862433W DISTANCE TO THLD FROM 356 HAT: 0.98 NM. CHART VDP AT 1.68 MILES TO RW05L * LNAV ONLY. WAAS CHANNEL # 45706 REFERENCE PATH ID: W05A			
MERLO (IF)	CENEK (FB)	046.41 / 6.60	3000				
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 MERLO 3. FAC: <u>046.47</u> FAF: <u>CENEK</u> DIST FAF TO MAP: <u>6.80</u> THLD: <u>6.80</u> 4. MIN. ALT: <u>MERLO 3000, CENEK 3000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>CENEK 3000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.6</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW05L 3100</u>				MAG VAR: 2W 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	HAT/HAA	DH/MDA
LPV DA	1104	4000	356	1104	4000	356	1104
LNAV/VNAV DA	1283	1 1/2	535	1283	1 1/2	535	1283
LNAV MDA	1340	2400	592	1340	2400	592	1340
CIRCLING	1400	1	603	1400	1	603	1400
NOTES: CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 SOUTHWEST BOUND AND V12 WESTBOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT.							
CITY AND STATE		ELEVATION: 797 TDZE: 748		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL		RNAV (GPS) RWY 5L, AMDT 1		SUP: ORG	
				FEB 14 2008		DATED 06/13/2002	

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

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

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW05L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	394223.0300N
LTP/FTP LONGITUDE	0861914.9400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01919
FPAP LATITUDE	394341.9800N
FPAP LONGITUDE	0861734.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F64E1528

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02250
FPAP ORTHOMETRIC HEIGHT	+02250

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 748

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5L, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

[illegible]

SUP:	
AMDT:	ORIG
DATED:	06/13/2002

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

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

SUSAP KINDK5SRW05LK5PG

0 25180031

M

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 748

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5L, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KELLY	KELLY	010	IAF	IF		FB				
	KELLY	MERLO	020		TF		FB	1.0	042.7 (041T)	010.5	03000
		MERLO	010	FACF	IF		FB				03000
		CENEK	020	FAF	TF		FB	0.5	046.4 (044T)	006.6	03000
		RW05L	030	MAP	TF		FO	0.3	046.5 (045T)	006.8	00793

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WINOT	040		DF		FB	1.0			
	CLANG	050		TF		FO	1.0	048.4 (046T)		02900
	CLANG	060		HM	L	FO	2.0	243.9 (242T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CENEK	N393731.74	W0862525.42	N3937.529	W08625.424
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	MERLO	N393248.86	W0863123.97	N3932.814	W08631.400
	WINOT	N394747.99	W0861220.10	N3947.800	W08612.335
	RW05L	N394223.03	W0861914.94	N3942.384	W08619.249

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW05L	00738		55

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 748
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 5L, AMDT 1
FEB 14 2003

SUP:
AMDT: ORIG
DATED: 06/13/2002

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
KELLY (IAF)	BIRRA (FB)	047.03 / 10.76	3100	LPV: DA LNAV/VNAV: DA LNAV: RW05R CLIMB TO 2900 DIRECT ZEROX AND VIA 045.97 TRACK TO CLANG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 243.86 INBOUND. CHART FAS OBST: 865 TREE 394132N/0861900W FAS OBST: 949 AAO 393823N/0862132W DISTANCE TO THLD FROM 339 HAT: 0.91 NM. CHART VDP AT 1.71 MILES TO RW05R* *LNAV ONLY. WAAS CHANNEL # 50306 REFERENCE PATH ID: W05B				
BIRRA (IF)	NURVE (FB)	046.42 / 6.47	3100					
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 BIRRA 3. FAC: <u>046.48</u> FAF: <u>NURVE</u> DIST FAF TO MAP: <u>6.96</u> THLD: <u>6.96</u> 4. MIN. ALT: <u>BIRRA 3100, NURVE 3100</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>3100</u> GS ALT AT: <u>NURVE 3100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.3</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW05R 3100</u>				MAG VAR: 2W 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	1130	4000	339	1130	4000	339	1130	4000
LNAV/VNAV DA	1276	6000	485	1276	6000	485	1276	6000
LNAV MDA	1400	2400	609	1400	2400	609	1400	1 1/2
CIRCLING	1400	1	603	1400	1	603	1400	2
NOTES: CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 AND V12 SOUTHWEST BOUND. CHART PROFILE NOTE: VGSLAND RNAV GLIDE PATH NOT COINCIDENT.								
CITY AND STATE		ELEVATION: 797 TDZE: 791		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
INDIANAPOLIS, IN		AIRPORT NAME:				RNAV (GPS) RWY 5R, AMDT 1		AMDT: ORIG
		INDIANAPOLIS INTL				FEB 14 2002		DATED 06/13/2002

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

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

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5R, AMDT 1

FEB 14 2003

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW05R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05B
LTP/FTP LATITUDE	394200.8700N
LTP/FTP LONGITUDE	0861815.9400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02073
FPAP LATITUDE	394311.2800N
FPAP LONGITUDE	0861646.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

51FC252C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02404
FPAP ORTHOMETRIC HEIGHT	+02404

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5R, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

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

SUP:	
AMDT:	ORIG
DATED:	06/13/2002

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

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

SUSAP KINDK5SRW05RK5PG

0 25180031

M

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 5R, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KELLY	KELLY	010	IAF	IF		FB				
	KELLY	BIRRA	020		TF		FB	1.0	047.0 (045T)	010.8	03100
		BIRRA	010	FACF	IF		FB				03100
		NURVE	020	FAF	TF		FB	0.5	046.4 (044T)	006.5	03100
		RW05R	030	MAP	TF		FO	0.3	046.5 (045T)	007.0	00839

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZEROX	040		DF		FB	1.0			
	CLANG	050		TF		FO	1.0	046.0 (044T)		02900
	CLANG	060		HM	L	FO	2.0	243.9 (242T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIRRA	N393225.51	W0863026.66	N3932.425	W08630.444
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	NURVE	N393702.65	W0862435.30	N3937.044	W08624.588
	ZEROX	N394716.29	W0861133.16	N3947.272	W08611.553
	RW05R	N394200.87	W0861815.94	N3942.015	W08618.266

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05R	00789	50

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 791 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5R, AMDT 1 FEB 14 2003	SUP:
				AMDT: ORIG
				DATED: 06/13/2002

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except * HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23L CLIMB TO 3100 DIRECT NURVE AND VIA 226.93 TRACK TO KELLY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.82 INBOUND. CHART FAS OBST: 947 ANT 394316N/0861701W CHART FAS OBST: 901 TOWER 394345N/0861622W DISTANCE TO THLD FROM 303 HAT: 0.78 NM. CHART VDP AT 1.08 MILES TO RW23L * LNAV ONLY. WAAS CHANNEL # 86406 REFERENCE PATH ID: W23A						
CLANG (IAF)		ISOLA (FB)		225.72 / 11.50				2700								
ISOLA (IF)		ZEROX (FB)		226.70 / 7.69				2700								
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 ISOLA 3. FAC: <u>226.63</u> FAF: <u>ZEROX</u> DIST FAF TO MAP: <u>5.73</u> THLD: <u>5.73</u> 4. MIN. ALT: <u>ISOLA 2700, ZEROX 2700</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>ZEROX</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>58.5</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW23L 3100</u>										MAG VAR: 2W		EPOCH YEAR: 1985				
MINIMUMS																
TAKEOFF: <u> </u>		STANDARD ☒		X SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD								
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1093	2400	303	1093	2400	303	1093	2400	303	1093	2400	303				
LNAV/VNAV DA	1203	5000	413	1203	5000	413	1203	5000	413	1203	5000	413				
LNAV MDA	1200	2400	410	1200	2400	410	1200	4000	410	1200	5000	410				
CIRCLING	1400	1	603	1400	1	603	1400	1 3/4	603	1400	2	603				
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000 AND INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10																
CITY AND STATE INDIANAPOLIS, IN				ELEVATION: 797 TDZE: 790 AIRPORT NAME: INDIANAPOLIS INTL				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23L, AMDT 1 FEB 14 2000				SUP: AMDT: ORIG DATED 06/13/2002		

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23L, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KIND
RUNWAY RW23L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23A
LTP/FTP LATITUDE 394311.2800N
LTP/FTP LONGITUDE 0861646.1700W
LTP/FTP ELLIPSOIDAL HEIGHT +02068
FPAP LATITUDE 394200.8700N
FPAP LONGITUDE 0861815.9400W
THRESHOLD CROSSING HEIGHT (TCH) 00058.5
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

75DBFA0F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02401
FPAP ORTHOMETRIC HEIGHT +02401

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23L, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

[illegible][illegible][illegible]

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 790 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23L, AMDT 1 FEB 14 2003	SUP:
				AMDT: ORIG
				DATED: 06/13/2002

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

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

SUSAP KINDK5SRW23LK5PG

0 25180031

M

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23L, AMDT 1

FEB 14 2003

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CLANG	CLANG	010	IAF	IF		FB				
	CLANG	ISOLA	020		TF		FB	1.0	225.7(224T)	011.5	02700
		ISOLA	010	FACF	IF		FB				02700
		ZEROX	020	FAF	TF		FB	0.5	226.7(225T)	007.7	02700
		RW23L	030	MAP	TF		FO	0.3	226.6(225T)	005.7	00847

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NURVE	040		DF		FB	1.0			
	KELLY	050		TF		FO	1.0	226.9(225T)		03100
	KELLY	060		HM	R	FO	2.0	070.8(069T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	ISOLA	N395244.52	W0860432.40	N3952.742	W08604.540
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	NURVE	N393702.65	W0862435.30	N3937.044	W08624.588
	ZEROX	N394716.29	W0861133.16	N3947.272	W08611.553
	RW23L	N394311.28	W0861646.17	N3943.188	W08616.770

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23L	00788	59

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 790 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23L, AMDT 1 FEB 14 2008	SUP:
				AMDT: ORIG
				DATED: 06/13/2002

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet + above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW23R CLIMB TO 3100 DIRECT CENEX AND VIA 224.25 TRACK TO KELLY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.82 INBOUND. CHART FAS OBST: 923 TOWER 394417N/0861648W FAS OBST: 954 AAO 394634N/0861521W DISTANCE TO THLD FROM 389 HAT: 1.05 NM. CHART VDP AT 1.17 MILES TO RW23R* *LNAV ONLY. WAAS CHANNEL # 77706 REFERENCE PATH ID: W23B			
CLANG (IAF)	CLAPR (FB)	229.69 / 11.57	2700				
CLAPR (IF)	WINOT (FB)	226.69 / 7.67	2700				
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 CLAPR 3. FAC: <u>226.62</u> FAF: <u>WINOT</u> DIST FAF TO MAP: <u>5.75</u> THLD: <u>5.75</u> 4. MIN. ALT: <u>CLAPR 2700, WINOT 2700</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>WINOT 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW23R 3100</u>				MAG VAR: <u>2W</u> EPOCH YEAR: <u>1985</u>			
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD		
CATEGORY ==>	A			B			C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
LPV DA	1172	4000	389	1172	4000	389	1172
LNAV/VNAV DA	1242	5000	459	1242	5000	459	1242
LNAV MDA	1220	2400	437	1220	2400	437	1220
CIRCLING	1400	1	603	1400	1	603	1400
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT.							
CITY AND STATE		ELEVATION: 797 TDZE: 783		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
INDIANAPOLIS, IN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 23R, AMDT 1	
		INDIANAPOLIS INTL				FEB 14 2008	
						SUP:	
						AMDT: ORIG	
						DATED 06/13/2002	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KIND
RUNWAY RW23R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W23B
REFERENCE PATH IDENTIFIER (APPROACH ID) 394341.9100N
LTP/FTP LATITUDE 0861734.4000W
LTP/FTP LONGITUDE +02055
LTP/FTP ELLIPSOIDAL HEIGHT 394222.9700N
FPAP LATITUDE 0861915.0300W
FPAP LONGITUDE 00055.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.50
COURSE WIDTH AT THRESHOLD 0000
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

3BD665F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02387
FPAP ORTHOMETRIC HEIGHT +02387

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23R, AMDT 1

FEB 14 2002

SUP:

AMDT: ORIG

DATED: 06/13/2002

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

[illegible]

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 783 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23R, AMDT 1 FEB 14 2002	SUP:
				AMDT: ORIG
				DATED: 06/13/2002

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

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

SUSAP KINDK5SRW23RK5PG

0 25180031

M

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23R, AMDT 1

FEB 14 2008

SUP:

AMDT: ORIG

DATED: 06/13/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLANG	CLANG	010	IAF	IF		FB				
	CLANG	CLAPR	020		TF		FB	1.0	229.7 (228T)	011.6	02700
		CLAPR	010	FACF	IF		FB				02700
		WINOT	020	FAF	TF		FB	0.5	226.7 (225T)	007.7	02700
		RW23R	030	MAP	TF		FO	0.3	226.6 (225T)	005.8	00838

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CENEK	040		DF		FB	1.0			
	KELLY	050		TF		FO	1.0	224.3 (222T)		03100
	KELLY	060		HM	R	FO	2.0	070.8 (069T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CENEK	N393731.74	W0862525.42	N3937.529	W08625.424
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	CLAPR	N395315.47	W0860520.38	N3953.258	W08605.340
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	WINOT	N394747.99	W0861220.10	N3947.800	W08612.335
	RW23R	N394341.91	W0861734.40	N3943.699	W08617.573

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW23R	00783		55

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23R, AMDT 1

FEB 14 2002

SUP:

AMDT: ORIG

DATED: 06/13/2002

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW09 CLIMB TO 2600 DIRECT FEVIX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 272.30 INBOUND. CHART FAS OBST: 995 OL ON RADIO TOWER 412634N/0870251W 999 AAO 412612N/0870723W DISTANCE TO THLD FROM 269 HAT: 0.70 NM. CHART VDP AT 1.40 MILES TO RW09* *LNAV ONLY. WAAS CHANNEL # 42606 REFERENCE PATH ID: W09A											
ZONYU (IAF)	FLABE (NOPT) (FB)	001.96 / 5.00	2800												
UDUPY (IAF)	FLABE (NOPT) (FB)	181.96 / 5.00	2800												
FLABE (IF/AF)	OCAVE (FB)	091.96 / 6.05	2400												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W FLABE, RT, 091.96 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 092.05 FAF: OCAVE _____ DIST FAF TO MAP: 4.91 THLD: 4.91 4. MIN. ALT: FLABE 2800, OCAVE 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: OCAVE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 2W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @										
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1038	1	269	1038	1	269	1038	1	269	1038	1	269			
LNAV/VNAV DA	1369	2	600	1369	2	600	1369	2	600	1369	2	600			
LNAV MDA	1260	1	491	1260	1	491	1260	1 1/4	491	1260	1 1/2	491			
CIRCLING	1260	1	490	1300	1	530	1300	1 1/2	530	1360	2	590			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). © NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LANSING MUNI ALTIMETER SETTING AND SEE 8260-10															
CITY AND STATE				ELEVATION: 770 TDZE: 769		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
VALPARAISO, IN				AIRPORT NAME:				RNAV (GPS) RWY 9, ORIG				AMDT: NONE			
				PORTER COUNTY MUNI				FEB 14 2002				DATED			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

INCREASE ALL DA'S 77 FEET AND ALL MDA'S 80FT; AND INCREASE LPV ALL CATS, LNAV/VNAV CAT D, LNAV CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

CHART PLANVIEW AND PROFILE NOTE: FLY VISUAL TO AIRPORT, LNAV/VNAV-092 - 1.7 MILES: WHEN USING LANSING ALTIMETER SETTING FLY VISUAL TO AIRPORT, LNAV/VNAV-092 - 2.0 MILES.

TAA

	FROM	TO	ALT
1.	002/30 CW 182/30 (NOPT)	002/25 CW 182/25	3400
2.	002/25 CW 182/25	FLABE (IF/IAF) (FB)	2800
3.	182/30 CW 272/30	UDUPY (IAF) (FB)	2800
4.	272/30 CW 002/30	ZONYU (IAF) (FB)	2800

CITY AND STATE

VALPARAISO, IN

ELEVATION: 770 TDZE: 769

AIRPORT NAME:

PORTER COUNTY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

FEB 18 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	KVPZ
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	412708.6790N
LTP/FTP LONGITUDE	0870105.0470W
LTP/FTP ELLIPSOIDAL HEIGHT	+02005
FPAP LATITUDE	412708.4800N
FPAP LONGITUDE	0865906.5600W
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	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

68DF5049

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02343
FPAP ORTHOMETRIC HEIGHT	+02343

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 769
AIRPORT NAME:
PORTER COUNTY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
FEB 14 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]

PAGE 4 OF 5 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
	FLABE	FLABE	010		HF	R	FB		092.0(090T)	004.0	02800
	UDUPY	UDUPY	010	IAF	IF		FB				
	UDUPY	FLABE	020		TF		FB	1.0	182.0(180T)	005.0	02800
	ZONYU	ZONYU	010	IAF	IF		FB				
	ZONYU	FLABE	020		TF		FB	1.0	002.0(T)	005.0	02800
		FLABE	010	FACF	IF		FB				02800
		OCAVE	020	FAF	TF		FB	0.5	092.0(090T)	006.1	02400
		RW09	030	MAP	TF		FO	0.3	092.1(090T)	004.8	00814

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEVIX	040		DF		FO	1.0			02600
	FEVIX	050		HM	R	FO	2.0	272.3(270T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FEVIX	N412705.94	W0864418.09	N4127.099	W08644.302
	FLABE	N412709.15	W0871539.90	N4127.153	W08715.665
	OCAVE	N412709.11	W0870737.16	N4127.152	W08707.619
	UDUPY	N413209.30	W0871540.18	N4132.155	W08715.670
	ZONYU	N412208.99	W0871539.62	N4122.150	W08715.660
	RW09	N412708.68	W0870105.05	N4127.145	W08701.084

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00769	45

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 769
 AIRPORT NAME:
PORTER COUNTY MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
FEB 14 2009

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE	ALTITUDE						
OXI VOR/DME	RODLE (FO)	323.08 / 25.73	2600	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 2600 DIRECT CUKIK AND VIA 105.61 TRACK TO OXI VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 321.08 INBOUND. CHART FAS OBST: 905 WATER TANK 412843N/0870000W CHART FAS OBST: 939 TREE 413003N/0870109W DISTANCE TO THLD FROM 350 HAT: 0.97 NM. CHART VDP AT 1.27 MILES TO RW18* *LNAV ONLY. WAAS CHANNEL # 82406 REFERENCE PATH ID: W18A					
CHETT (IAF)	RODLE (NOPT) (FB)	164.68 / 7.57	2600						
RODLE (IF/IAF)	SIPTE (FB)	181.62 / 6.05	2600						
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N RODLE, RT, 181.62 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>181.62</u> FAF: <u>SIPTE</u> DIST FAF TO MAP: <u>5.53</u> THLD: <u>5.53</u> 4. MIN. ALT: <u>RODLE 2600, SIPTE 2600, LABSE/2.70 NM TO RW18 1660*</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>SIPTE</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>RW18 2800</u>				MAG VAR: 2W 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
LPV DA	1120	1 1/4	350	1120	1 1/4	350		NA	
LNAV/VNAV DA	1233	1 3/4	463	1233	1 3/4	463		NA	
LNAV MDA	1200	1	430	1200	1	430		NA	
CIRCLING	1260	1	490	1300	1	530		NA	

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE VALPARAISO, IN	ELEVATION: 770 TDZE: 770 AIRPORT NAME: PORTER COUNTY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG FEB 14 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.***LNAV ONLY**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LANSING MUNI ALTIMETER SETTING AND INCREASE ALL DA'S 77 FEET AND ALL MDA'S 80 FEET, AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OXI VOR/DME ON AIRWAY RADIALS 276 CW 297.

CITY AND STATE

VALPARAISO, IN

ELEVATION: 770 TDZE: 770

AIRPORT NAME:

PORTER COUNTY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

FEB 14 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 KVPZ
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 412743.9355N
LTP/FTP LONGITUDE 0870025.2900W
LTP/FTP ELLIPSOIDAL HEIGHT +02010
FPAP LATITUDE 412614.8000N
FPAP LONGITUDE 0870024.5000W
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 0192
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

FB3C7830

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02348
FPAP ORTHOMETRIC HEIGHT +02348

CITY AND STATE

VALPARAISO, IN

ELEVATION: 770 TDZE: 770

AIRPORT NAME:

PORTER COUNTY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

FEB 14 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 - 424-17[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 770
AIRPORT NAME:
PORTER COUNTY MUNI

FACILITY IDENTIFIER:
BNAV

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

FEB 14 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.

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

	SUSAP KVPZK5PR18 RW18 001 0000W18A0N4127439355W08700252900+020100300N4126148000W08700245000106750192000400F400500FB3C7830												
	SUSAP KVPZK5PR18 RW18 002 +02348+02348LPV 82406 000												
MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KVPZK5SRW18 K5PG 0 25180028 M												

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 770
 AIRPORT NAME:
 PORTER COUNTY MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG
 FEB 14 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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CHETT	CHETT	010	IAF	IF		FB				
	CHETT	RODLE	020		TF		FB	1.0	164.7(163T)	007.6	02600
	OXI	OXI	010		IF		FO				
	OXI	RODLE	020		TF		FB	2.0	323.1(321T)	025.7	02600
	OXI	RODLE	030		HF	R	FB		181.6(180T)	004.0	02600
		RODLE	010	FACF	IF		FB				02600
		SIPTE	020	FAF	TF		FB	0.5	181.6(180T)	006.1	02600
		LABSE	021	SDF	TF		FB	0.3	181.6(180T)	002.8	01660
		RW18	030	MAP	TF		FO	0.3	181.6(180T)	002.7	00810

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUKIK	040		DF		FB	1.0			
	OXI	050		TF		FO	1.0	105.6(104T)		02600
	OXI	060		HM	R	FO	2.0	321.1(319T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OXI	N411919.35	W0863857.45	N4119.323	W08638.958
	CHETT	N414633.17	W0870331.98	N4146.553	W08703.533
	CUKIK	N412315.88	W0870022.93	N4123.265	W08700.382
	LABSE	N413026.02	W0870026.72	N4130.434	W08700.445
	RODLE	N413919.07	W0870031.44	N4139.318	W08700.524
	SIPTE	N413316.17	W0870028.22	N4133.270	W08700.470
	RW18	N412743.94	W0870025.29	N4127.732	W08700.422

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00770	40

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 770
 AIRPORT NAME:
PORTER COUNTY MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG
FEB 14 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	
CGT VORTAC	FEVIX (FO)	097.04 / 37.74	2600	LPV: DA LNAV/VNAV: DA LNAV: RW27 CLIMB TO 2600 DIRECT KEYVE AND LEFT TURN VIA 182.00 TRACK TO LERGE AND VIA 092.00 TRACK TO LECIL AND VIA 050.21 TRACK TO FEVIX AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 867 T-L TWR 412728N/0865835W CHART 930 TOWER 412610N/0865408W. DISTANCE TO THLD FROM 250 HAT: 0.63 NM. WAAS CHANNEL # 86806 REFERENCE PATH ID: W27A
NOMES (IAF)	FEVIX (NOPT) (FB)	250.34 / 11.51	2600	
OXI VOR/DME (IAF)	FEVIX (NOPT) (FB)	334.67 / 8.75	2600	
FEVIX (IF/IAF)	POYIN (FB)	272.30 / 6.04	2600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E FEVIX, RT, 272.30 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
- FAC: 272.21 FAF: POYIN DIST FAF TO MAP: 5.51 THLD: 5.51
- MIN. ALT: FEVIX 2600, POYIN 2600, COLBI/1.60 NM TO RW27 1320*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: POYIN OM: MM: IM:
- GS ANGLE: 3.00 TCH: 50.4 34:1 IS CLEAR
- MSA FROM: RW27 2800

MAG VAR: 2W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1020	1/2	250	1020	1/2	250	1020	1/2	250	1020	1/2	250			
LNAV/VNAV DA	1201	1	431	1201	1	431	1201	1	431	1201	1	431			
LNAV MDA	1180	1/2	410	1180	1/2	410	1180	3/4	410	1180	1	410			
CIRCLING	1260	1	490	1300	1	530	1300	1 1/2	530	1360	2	590			

NOTES:

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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OXI VOR/DME VIA V340 SOUTHEAST BOUND.

*LNAV ONLY

SEE 8260-10

CITY AND STATE VALPARAISO, IN	ELEVATION: 770 TDZE: 770 AIRPORT NAME: PORTER COUNTY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG FEB 14 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.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LANSING MUNI ALTIMETER SETTING AND INCREASE ALL DA'S 77 FEET AND ALL MDA'S 80 FEET, AND INCREASE LPV AND LNAV/VNAV ALL CATS, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4, WHEN USING LANSING MUNI ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 1 1/4.

CITY AND STATE

VALPARAISO, IN

ELEVATION: 770 TDZE: 770

AIRPORT NAME:

PORTER COUNTY MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

FEB 14 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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KVPZ
RW27
0
0
W27A
412708.5445N
0865939.6770W
+02006
412708.6900N
0870111.6100W
00050.4
F
03.00
106.75
1528
40.0
50.0

CRC REMAINDER

CEEF01F4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K5
+02344
+02344

CITY AND STATE

VALPARAISO, IN

ELEVATION: 770

TDZE: 770

AIRPORT NAME:

PORTER COUNTY MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

FEB 14 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 KVPZK5FR27	ACGT	010CGT	K5D 0V	IF						18000		A JS	
SUSAP KVPZK5FR27	ACGT	020FEVIXK5EA0E	020TF			09700377		+ 02600				A JS	
SUSAP KVPZK5FR27	ACGT	030FEVIXK5EA0EE	CR HF			27230040		+ 02600				A JS	
SUSAP KVPZK5FR27	ANOMES	010NOMESK5EA0E	A IF							18000		A JS	
SUSAP KVPZK5FR27	ANOMES	020FEVIXK5EA0EE	010TF			25030115		+ 02600				A JS	
SUSAP KVPZK5FR27	AOXI	0100XI	K5D 0V	A IF						18000		A JS	
SUSAP KVPZK5FR27	AOXI	020FEVIXK5EA0EE	010TF			33470088		+ 02600				A JS	
SUSAP KVPZK5FR27	R	010FEVIXK5EA0E	I IF					+ 02600		18000		A JS	
SUSAP KVPZK5FR27	R	020POYINK5EA0E	F 051TF			27230060		+ 02600			RW27	K5PGA JS	
SUSAP KVPZK5FR27	R	021COLBIK5EA0E	S 031TF			27220039		V 0132001332		-300		A JS	
SUSAP KVPZK5FR27	R	030RW27	K5PG0GY M 031TF			27220016		00819		-300		A JS	
SUSAP KVPZK5FR27	R	040KEYVEK5EA0E	M 010DF									A JS	
SUSAP KVPZK5FR27	R	050LERGEK5EA0E	L010TFY			1820						A JS	
SUSAP KVPZK5FR27	R	060LECILK5EA0E	010TF			0920						A JS	

CITY AND STATE VALPARAISO, IN	ELEVATION: 770 TDZE: 770 AIRPORT NAME: PORTER COUNTY MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG FEB 18 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.

0502	+ 02600
27230040	+ 02600

A JS
A JS

SUSAP KVPZK5GRW27 0070012721 N41270854W086593968+0000 00769000050150

SUSAP	KVPZK5PR27	RW27	001	0000W27A0N4127085445W08659396770+020060300N4127086900W08701116100106751528000504F400500CEE01F4
SUSAP	KVPZK5PR27	RW27	002	+02344+02344LPV 86806 000

SUSAP KVPZK5SRW27 K5PG 0 25180028 M

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
CGT	CGT	CGT	010		IF		FB				
CGT	FEVIX	FEVIX	020		TF		FB	2.0	097.0 (095T)	037.7	02600
CGT	FEVIX	FEVIX	030		HF	R	FB		272.3 (270T)	004.0	02600
NOMES	NOMES	NOMES	010	IAF	IF		FB				
NOMES	FEVIX	FEVIX	020		TF		FB	1.0	250.3 (248T)	011.5	02600
OXI	OXI	OXI	010	IAF	IF		FB				
OXI	FEVIX	FEVIX	020		TF		FB	1.0	334.7 (333T)	008.8	02600
	FEVIX	FEVIX	010	FACF	IF		FB				02600
	POYIN	POYIN	020	FAF	TF		FB	0.5	272.3 (270T)	006.0	02600
	COLBI	COLBI	021	SDF	TF		FB	0.3	272.2 (270T)	003.9	01320
	RW27	RW27	030	MAP	TF		FO	0.3	272.2 (270T)	001.6	00819

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KEYVE	040		DF		FB	1.0			
	LERGE	050		TF	L	FB	1.0	182.0 (180T)		
	LECIL	060		TF		FB	1.0	092.0 (090T)		
	FEVIX	070		TF		FO	1.0	050.2 (048T)		02600
	FEVIX	080		HM	R	FO	2.0	272.3 (270T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CGT	N413036.02	W0873417.56	N4130.600	W08734.293
	OXI	N411919.35	W0863857.45	N4119.323	W08638.958
	COLBI	N412708.30	W0865732.01	N4127.138	W08657.534
	FEVIX	N412705.94	W0864418.09	N4127.099	W08644.302
	KEYVE	N412709.00	W0870538.74	N4127.150	W08705.646
	LECIL	N411932.32	W0865533.50	N4119.539	W08655.558
	LERGE	N411932.76	W0870538.74	N4119.546	W08705.646
	NOMES	N413121.81	W0863004.56	N4131.364	W08630.076
	POYIN	N412707.56	W0865220.29	N4127.126	W08652.338
	RW27	N412708.54	W0865939.68	N4127.142	W08659.661

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	00769		50

CITY AND STATE
VALPARAISO, IN

ELEVATION: 770 TDZE: 770
AIRPORT NAME:
PORTER COUNTY MUNI

FACILITY IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

FEB 14 2008

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

ADDITIONAL FLIGHT DATA:

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

MAG VAR:

EPOCH YEAR:

TAKEOFF: <u> </u>	STANDARD <u> </u>	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A <u> </u>							
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 **FEB 14 2008**

CITY AND STATE VALPARAISO, IN	ELEVATION: 770 TDZE: 769	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 9, AMDT 1, 02/24/2000	SUP
	AIRPORT NAME: PORTER COUNTY MUNI			AMDT ORIG
	DATE 11/27/1999			



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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

FEB 18 2007

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE VALPARAISO, IN	ELEVATION: 770 TDZE: 770	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 27, ORIG, 09/16/1998	SUP
	AIRPORT NAME: PORTER COUNTY MUNI			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, 18, 27, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREE 51' FROM DER, 350' RIGHT OF CENTERLINE, 100' AGL/874' MSL. TREE 1,219' FROM DER, 775' LEFT OF CENTERLINE, 57' AGL/807' MSL.

NOTE: RWY 18, TOWER AND MULTIPLE TREES BEGINNING 140' FROM DER, 157' RIGHT OF CENTERLINE, UP TO 100' AGL/865' MSL. TREES 143' FROM DER, 71' LEFT OF CENTERLINE, 100' AGL/865' MSL.

NOTE: RWY 27, MULTIPLE TREES, 1,038 FROM DER, 308' LEFT OF CENTERLINE, UP TO 68' AGL/828' MSL. SIGN, 1,847' FROM DER, 263' RIGHT OF CENTERLINE, 49' AGL/817' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

VALPARAISO, IN

(6) Airport

PORTER COUNTY MUNI

(7) Effective Date

FEB 18 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.

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

NOTES: RWY 36, TREES 105' FROM DER, 99' RIGHT OF CENTERLINE, 100' AGL/895' MSL. TREES 108' FROM DER, 129' LEFT OF CENTERLINE, 100' AGL/874' MSL.

City, State VALPARAISO, IN		Airport PORTER COUNTY MUNI			Effective Date FEB 14 2008	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW17 CLIMBING RIGHT TURN TO 3000 DIRECT IROTO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 218.39 INBOUND. FAS OBST: 1273 AAO 451236N/0845648W OTODE TO RW17: 3.05/40.
SPARR	SEPTE (FB)	324.26 / 28.24	3000	
PLN VORTAC	SEPTE (FB)	215.23 / 17.12	3000	
ADENO	URUBE (FB)	021.58 / 19.93	3000	
SEPTE (IAF)	CEDOS (NOPT) (FB)	265.32 / 5.00	3000	
URUBE (IAF)	CEDOS (NOPT) (FB)	085.16 / 5.00	3000	
CEDOS (IF/IAF)	OTODE (FB)	175.24 / 6.11	2600	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N CEDOS, RT, 175.24 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF)
- FAC: 175.26 FAF: OTODE DIST FAF TO MAP: 5.74 THLD: 5.74
- MIN. ALT: CEDOS 3000, OTODE 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW17 3500

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1580	1	873	1580	1 1/4	873	1580	2 1/2	873	1580	2 3/4	873				
CIRCLING	1580	1	861	1580	1 1/4	861	1580	2 1/2	861	1640	3	921				

NOTES:
 CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: USE BELLAIRE ALTIMETER SETTING; WHEN NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET AND INCREASE LNAV CATS A, C, AND D VISIBILITY 1/4 MILE, AND CIRCLING
 SEE 8260-10

CITY AND STATE BOYNE FALLS, MI	ELEVATION: 719 TDZE: 707 AIRPORT NAME: BOYNE MOUNTAIN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG FEB 14 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.

CATS A AND C 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SPARR VIA V420 EASTBOUND AND ARRIVALS AT PLN

VORTAC VIA V233 NORTHBOUND.

CITY AND STATE

BOYNE FALLS, MI

ELEVATION: 719 TDZE: 707

AIRPORT NAME:

BOYNE MOUNTAIN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

FEB 14 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 BOYNE FALLS, MI	ELEVATION: 719 TDZE: 707 AIRPORT NAME: BOYNE MOUNTAIN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG FEB 14 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.

G S

SUSAP KBFK5GRW17 0048911753 N45101931W084553277+0300 00703030040060

SUSAP KBFAK5SRW17 K5PG 0 25180035 M

PAGE 4 OF 5 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 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ADENO	ADENO	010		IF		FB				
	ADENO	URUBE	020	IAF	TF		FB	2.0	021.6 (016T)	019.9	03000
	ADENO	CEDOS	030		TF		FB	1.0	085.2 (079T)	005.0	03000
	CEDOS	CEDOS	010		HF	R	FB		175.2 (169T)	004.0	03000
	PLN	PLN	010		IF		FB				
	PLN	SEPTE	020	IAF	TF		FB	2.0	215.2 (209T)	017.1	03000
	PLN	CEDOS	030		TF		FB	1.0	265.3 (259T)	005.0	03000
	SPARR	SPARR	010		IF		FB				
	SPARR	SEPTE	020	IAF	TF		FB	2.0	324.3 (318T)	028.2	03000
	SPARR	CEDOS	030		TF		FB	1.0	265.3 (259T)	005.0	03000
		CEDOS	010	FACF	IF		FB				03000
		OTODE	020	FAF	TF		FB	0.5	175.2 (169T)	006.1	02600
		RW17	030	MAP	TF		FO	0.3	175.3 (169T)	005.7	00743

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	175.3 (169T)		01119
	IROTO	050		DF	R	FO	1.0			03000
	IROTO	060		HM	R	FO	2.0	218.4 (212T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.32	W0843950.81	N4537.839	W08439.847
	ADENO	N450150.32	W0851313.53	N4501.839	W08513.226
	CEDOS	N452157.72	W0845840.34	N4521.962	W08458.672
	IROTO	N451120.22	W0850430.10	N4511.337	W08504.502
	OTODE	N451557.39	W0845703.41	N4515.957	W08457.057
	SEPTE	N452253.51	W0845142.19	N4522.892	W08451.703
	SPARR	N450152.29	W0842501.69	N4501.872	W08425.028
	URUBE	N452101.51	W0850538.26	N4521.025	W08505.638
	RW17	N451019.31	W0845532.77	N4510.322	W08455.546

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	00703		40

CITY AND STATE
BOYNE FALLS, MI

ELEVATION: 719 TDZE: 707
 AIRPORT NAME:
 BOYNE MOUNTAIN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 17, ORIG
 FEB 14 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		
ADENO	DUVRE (FB)	129.55 / 10.48	3000	LNAV: RW35	
CARGA (IAF)	ELBOT (NOPT) (FB)	015.98 / 17.86	3000	CLIMB TO 3000 DIRECT CEDOS AND HOLD.	
DUVRE (IAF)	ELBOT (NOPT) (FB)	095.70 / 5.00	3000		
ELBOT (IF/IAF)	ROCOR (FB)	005.78 / 8.26	2500		
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 175.24 INBOUND. FAS OBST: 1526 AAO 450559N/0845506W CHART: 1603 TOWER 450435N/0845404W CHART R-4201 A AND B. ROCOR TO RW35: 3.05/40.	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S ELBOT, RT, 005.78 INBOUND, 3000 FT. IN LIEU OF PT (IF/IAF)
- FAC: 355.30 FAF: ROCOR DIST FAF TO MAP: 5.39 THLD: 5.39
- MIN. ALT: ELBOT 3000, ROCOR 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: RW35 3500

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	X									
CATEGORY ==>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1840	1 1/4	1121	1840	1 1/2	1121	1840	3	1121	1840	3	1121			
CIRCLING	1840	1 1/4	1121	1840	1 1/2	1121	1840	3	1121	1840	3	1121			

NOTES:
 CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: USE BELLAIRE ALTIMETER SETTING; WHEN NOT RECEIVED, USE PELLSTON ALTIMETER SETTING.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARGA VIA V215-233 SOUTHWEST BOUND.

CITY AND STATE BOYNE FALLS, MI	ELEVATION: 719 TDZE: 719 AIRPORT NAME: BOYNE MOUNTAIN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG FEB 18 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]

W0063	NAW	ADENO
W0068	NAW	CARGA
W0071	NAW	CEDOS
W0059	NAW	DUVRE
W0068	NAW	ELBOT
W0071	NAW	ROCOR

ADENO
CARGA
CEDOS
DUVRE
ELBOT
ROCOR

[illegible]

1800018000C

MNAW

BOYNE MOUNTAIN

[illegible]

12960105	+ 03000
09570050	+ 03000
01600179	+ 03000
00580040	+ 03000
	+ 03000
00580083	+ 02500
35530054	00757
3553	+ 01119
	+ 03000
17520040	+ 03000

18000

G S

RW35 K5PGG S

-305

G S

[illegible]

00717050040060

[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.

SUSAP KBF5SRW35 KSPG

0 25180035

M

CITY AND STATE
BOYNE FALLS, MI

ELEVATION: 719 TDZE: 719
AIRPORT NAME:
BOYNE MOUNTAIN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
FEB 14 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
	ADENO	ADENO	010		IF		FB				
	ADENO	DUVRE	020	IAF	TF		FB	2.0	129.6 (124T)	010.5	03000
	ADENO	ELBOT	030		TF		FB	1.0	095.7 (090T)	005.0	03000
	CARGA	CARGA	010	IAF	IF		FB				
	CARGA	ELBOT	020		TF		FB	1.0	016.0 (010T)	017.9	03000
	ELBOT	ELBOT	010		HF	R	FB		005.8 (360T)	004.0	03000
	ELBOT	ELBOT	010	FACF	IF		FB				03000
	ROCOR	ROCOR	020	FAF	TF		FB	0.5	005.8 (360T)	008.3	02500
	RW35	RW35	030	MAP	TF		FO	0.3	355.3 (349T)	005.4	00757

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	355.3 (349T)		01119
	CEDOS	050		DF		FO	1.0			03000
	CEDOS	060		HM	R	FO	2.0	175.2 (169T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADENO	N450150.32	W0851313.53	N4501.839	W08513.226
	CARGA	N443828.48	W0845815.23	N4438.475	W08458.254
	CEDOS	N452157.72	W0845840.34	N4521.962	W08458.672
	DUVRE	N445602.32	W0850056.09	N4456.039	W08500.935
	ELBOT	N445603.69	W0845353.78	N4456.062	W08453.896
	ROCOR	N450419.14	W0845356.52	N4504.319	W08453.942
	RW35	N450936.72	W0845521.37	N4509.612	W08455.356

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00717	40

CITY AND STATE
BOYNE FALLS, MI

ELEVATION: 719 TDZE: 719
AIRPORT NAME:
BOYNE MOUNTAIN

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
FEB 14 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	
				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 CANCELLED EFFECTIVE: FEB 14 2008

CITY AND STATE BOYNE FALLS, MI	ELEVATION: 719 TDZE: AIRPORT NAME: BOYNE MOUNTAIN	FACILITY IDENTIFIER: BFA	PROCEDURE NO./AMDT NO.: NDB OR GPS-A, AMDT 6A 1/30/97	SUP
				AMDT 6
				DATE 12/5/96



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: 4.46 MILES AFTER KEEFR/LAN 16.00 DME/RADAR OR AT MAJID/LAN 20.47 DME FIX CLIMB TO 2500 THEN RIGHT TURN DIRECT LAN VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 315.00 INBOUND. CHART FAS OBST: 1034 TOWER 425454N/0850029W FAC CROSSES 280' WEST OF RWY 27 THLD.							
LAN VORTAC (IAF)	ZESLA/LAN 10.00 DME	315.00 / 10.00				2500											
ZESLA/LAN 10.00 DME (IF)	KEEFR/LAN 16.00 DME/RADAR	315.00 / 6.00 (LAN R-315)				2500											
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT LAN VORTAC 3. FAC <u>315.00</u> FAF <u>KEEFR/LAN 16.00 DME/RADAR</u> DIST FAF TO MAP <u>4.46</u> THLD 4. MIN. ALT <u>LAN VORTAC 2500, ZESLA 2500, KEEFR 2500</u> 8. MSA FROM: <u>LAN VORTAC 3000</u>										MAG VAR: <u>5W</u> EPOCH YEAR: <u>1995</u>							
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		
CIRCLING	1400	1	582	1400	1 1/4	582	1400	1 1/2	582		NA						
NOTES: CHART PLANVIEW NOTE: DME OR RADAR REQUIRED. CHART PLANVIEW NOTE: CAUTION: BRIGHTLY LIGHTED SHOPPING CENTER 3000' NORTH OF AIRPORT. CHART NOTE: USE LANSING ALTIMETER SETTING; WHEN NOT RECEIVED, USE CHARLOTTE ALTIMETER SETTING AND INCREASE ALL MDAS 20 FEET, AND INCREASE CAT C VISIBILITY 1/4 MILE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LAN VORTAC AIRWAY RADIALS 262CW003.																	
CITY AND STATE			ELEVATION: 818 TDZE:			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP					
IONIA, MI			AIRPORT NAME:			LAN			VOR-A, AMDT 1			AMDT ORIG					
			IONIA COUNTY						FEB 14 2008			DATE 05/27/1993					



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: RW18 CLIMBING LEFT TURN TO 2800 DIRECT DURAC AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 963 STACK 422232N/0832643W CHART 1250 TOWERS 422522N/0832739W. CEDIT TO RW18: 3.77/30.											
SVM VORTAC	DURAC (FO)	044.77 / 8.85	2800												
PSI VORTAC (IAF)	DURAC (NOPT) (FB)	169.68 / 11.11	2800												
DURAC (IF/IAF)	CEDIT (FB)	182.49 / 6.10	2400												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N DURAC, RT, 182.49 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 182.50 FAF: CEDIT _____ DIST FAF TO MAP: 4.18 THLD: 4.18 4. MIN. ALT: DURAC 2800, CEDIT 2400 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: RW18 3100				MAG VAR: 5W 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	1300	1	604	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
CIRCLING	1300	1	604	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NOTES: CHART NOTE: CIRCLING NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SVM VORTAC VIA AIRWAY RADIALS 349 CW 095. SEE 8260-10															
CITY AND STATE		ELEVATION: 696 TDZE: 696		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
PLYMOUTH, MI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 18, ORIG				AMDT: NONE					
		CANTON-PLYMOUTH-METTETAL				FEB 14 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.

NOTES CONT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: USE WILLOW RUN ALTIMETER SETTING; IF NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY ALTIMETER SETTING.

CITY AND STATE

PLYMOUTH, MI

ELEVATION: 696 TDZE: 696

AIRPORT NAME:

CANTON-PLYMOUTH-METTETAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

FEB 14 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 1D2 K5FP18	APSI	010PSI	K5D 0V	A	IF					18000		G	S
SUSAP 1D2 K5FP18	APSI	020DURACK5EAOEE	020TF			16970111		+ 02800				G	S
SUSAP 1D2 K5FP18	ASVM	010SVM	K5D 0V		IF					18000		G	S
SUSAP 1D2 K5FP18	ASVM	020DURACK5EAOEE	020TF			04480089		+ 02800				G	S
SUSAP 1D2 K5FP18	ASVM	030DURACK5EAOEE	CR	HF		18250040		+ 02800				G	S
SUSAP 1D2 K5FP18	P	010DURACK5EAOE	I	IF				+ 02800		18000		G	S
SUSAP 1D2 K5FP18	P	020CEDITK5EAOE	F	051TF		18250061		+ 02400			RW18	K5PGG	S
SUSAP 1D2 K5FP18	P	030RW18	K5PGOGY	M	031TF	18250042		00726		-377		G	S
SUSAP 1D2 K5FP18	P	040	0	M	010CA	1825		+ 01096				G	S
SUSAP 1D2 K5FP18	P	050DURACK5EAOEY	L010DF					+ 02800				G	S
SUSAP 1D2 K5FP18	P	060DURACK5EAOEE	HR020HM			18250040		+ 02800				G	S

[illegible][illegible]

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	
GEEBE	TEVUJ (FB)	289.42 / 5.42	2500	LNAV: RW18 CLIMB TO 3000 DIRECT CAVUP AND VIA 096.30 TRACK TO BRYTO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 095.71 INBOUND. CHART FAS OBST: 1133 TREE 415048N/0852710W ZUGDA TO RW18: 3.05/40
BRYTO	TEVUJ (FB)	001.19 / 15.75	2500	
RESGY (IAF)	UKANE (FB)	139.93 / 9.20	2500	
TEVUJ (IAF)	UKANE (FB)	273.76 / 5.00	2500	
UKANE (IF)	ZUGDA (FB)	183.69 / 6.20	2500	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)

2. PROFILE STARTS AT UKANE

3. FAC: 183.69 FAF: ZUGDA DIST FAF TO MAP: 4.80 THLD: 4.80

4. MIN. ALT: UKANE 2500, ZUGDA 2500

5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____

6. MIN GS INCP: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____

7. GS ANGLE: _____ TCH: 34:1 IS NOT CLEAR

8. MSA FROM: RW18 2500

MAG VAR: 4W 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		1400	1	486	1400	1	486	1400	1 1/4	486	1400	1 1/2	486			
CIRCLING		1420	1	495	1420	1	495	1440	1 1/2	515	1620	2 1/4	695			

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

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

CITY AND STATE	ELEVATION: 925 TDZE: 914	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STURGIS, MI	AIRPORT NAME: KIRSCH MUNI		RNAV (GPS) RWY 18, ORIG	AMDT: NONE
			FEB 14 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.

NOTES CONT.

INCREASE ALL MDAS 40 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GEEBE VIA V10 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RESGY VIA V285 NORTHBOUND, AND VIA V100 WESTBOUND.

CITY AND STATE

STURGIS, MI

ELEVATION: 925

TDZE: 914

AIRPORT NAME:

KIRSCH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

FEB 14 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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIRSK5FP18	ABRYTO	010BRYTOK5EA0E	IF							18000		G	S
SUSAP KIRSK5FP18	ABRYTO	020TEVUJK5EA0E	A 020TF			00120158		+ 02500				G	S
SUSAP KIRSK5FP18	ABRYTO	030UKANEK5EA0EE	010TF			27380050		+ 02500				G	S
SUSAP KIRSK5FP18	AGEEBE	010GEEBEK5EA0E	IF							18000		G	S
SUSAP KIRSK5FP18	AGEEBE	020TEVUJK5EA0E	020TF			28940054		+ 02500				G	S
SUSAP KIRSK5FP18	AGEEBE	030UKANEK5EA0EE	010TF			27380050		+ 02500				G	S
SUSAP KIRSK5FP18	ARESGY	010RESGYK5EA0E	A IF							18000		G	S
SUSAP KIRSK5FP18	ARESGY	020UKANEK5EA0EE	010TF			13990092		+ 02500				G	S
SUSAP KIRSK5FP18	P	010UKANEK5EA0E	I IF					+ 02500		18000		G	S
SUSAP KIRSK5FP18	P	020ZUGDAK5EA0E	F 051TF			18370062		+ 02500			RW18 K5PGG	S	
SUSAP KIRSK5FP18	P	030RW18 K5PGOGY	M 031TF			18370048		00949		-305		G	S
SUSAP KIRSK5FP18	P	040	0 M 010CA			1837		+ 01325				G	S
SUSAP KIRSK5FP18	P	050CAVUPK5EA0EY	010DF									G	S
SUSAP KIRSK5FP18	P	060BRYTOK5EA0EY	010TF			0963		+ 03000				G	S
SUSAP KIRSK5FP18	P	070BRYTOK5EA0EE	HR020HM			09570040		+ 03000				G	S

[illegible]

CITY AND STATE STURGIS, MI	ELEVATION: 925 TDZE: 914 AIRPORT NAME: KIRSCH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, ORIG FEB 14 2000	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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	BRYTO	BRYTO	010		IF		FB				
	BRYTO	TEVUJ	020	IAF	TF		FB	2.0	001.2 (357T)	015.8	02500
	BRYTO	UKANE	030		TF		FB	1.0	273.8 (270T)	005.0	02500
	GEEBE	GEEBE	010		IF		FB				
	GEEBE	TEVUJ	020		TF		FB	2.0	289.4 (285T)	005.4	02500
	GEEBE	UKANE	030		TF		FB	1.0	273.8 (270T)	005.0	02500
	RESGY	RESGY	010	IAF	IF		FB				
	RESGY	UKANE	020		TF		FB	1.0	139.9 (136T)	009.2	02500
		UKANE	010	FACF	IF		FB				02500
		ZUGDA	020	FAF	TF		FB	0.5	183.7 (180T)	006.2	02500
		RW18	030	MAP	TF		FO	0.3	183.7 (180T)	004.8	00949

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	183.7 (180T)		01325
	CAVUP	050		DF		FB	1.0			
	BRYTO	060		TF		FO	1.0	096.3 (092T)		03000
	BRYTO	070		HM	R	FO	2.0	095.7 (092T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BRYTO	N414430.25	W0851847.66	N4144.504	W08518.794
	CAVUP	N414444.25	W0852625.48	N4144.738	W08526.425
	GEEBE	N415848.21	W0851249.28	N4158.804	W08512.821
	RESGY	N420650.13	W0853507.01	N4206.836	W08535.117
	TEVUJ	N420014.53	W0851949.77	N4200.242	W08519.830
	UKANE	N420013.10	W0852632.15	N4200.218	W08526.536
	ZUGDA	N415401.21	W0852629.45	N4154.020	W08526.491
	RW18	N414912.82	W0852627.36	N4149.214	W08526.456

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00909	40

CITY AND STATE
STURGIS, MI

ELEVATION: 925 TDZE: 914
 AIRPORT NAME:
 KIRSCH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG
 FEB 14 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.

SUSAP 1D2 K5SRW18 K5PG

0 25180031

M

CITY AND STATE
PLYMOUTH, MIELEVATION: 696 TDZE: 696
AIRPORT NAME:
CANTON-PLYMOUTH-METTETALFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG

FEB 14 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
	PSI	PSI	010	IAF	IF		FB				
	PSI	DURAC	020		TF		FB	2.0	169.7 (165T)	011.1	02800
	SVM	SVM	010		IF		FO				
	SVM	DURAC	020		TF		FB	2.0	044.8 (040T)	008.9	02800
	SVM	DURAC	030		HF	R	FB		182.5 (178T)	004.0	02800
		DURAC	010	FACF	IF		FB				02800
		CEDIT	020	FAF	TF		FB	0.5	182.5 (178T)	006.1	02400
		RW18	030	MAP	TF		FO	0.3	182.5 (178T)	004.2	00726

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	182.5 (178T)		01096
	DURAC	050		DF	L	FO	1.0			02800
	DURAC	060		HM	R	FO	2.0	182.5 (178T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PSI	N424203.09	W0833157.95	N4242.052	W08331.966
	SVM	N422431.93	W0833539.08	N4224.532	W08335.651
	CEDIT	N422514.19	W0832738.19	N4225.237	W08327.637
	DURAC	N423119.89	W0832759.80	N4231.332	W08327.997
	RW18	N422103.47	W0832723.42	N4221.058	W08327.390

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00696	30

CITY AND STATE
PLYMOUTH, MIELEVATION: 696 TDZE: 696
AIRPORT NAME:
CANTON-PLYMOUTH-METTETALFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 18, ORIG

FEB 14 2008

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
TERMINAL ROUTES										MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 7.03 MILES AFTER SVM VORTAC OR AT MADWE/SVM 7.03 DME FIX CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 2400 DIRECT SVM VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 123.81 INBOUND. CHART FAS OBST: 885 POLE 422041N/0832936W CHART 1164 TOWER 422151N/0833251W. FAC CROSSES MID POINT OF RWY 18/36. CHART MAXIMUM PROCEDURE TURN ENTRY ALTITUDE AT 6000.					
1. PT <u>L</u> SIDE OF COURSE <u>303.81</u> OUTBOUND <u>2400</u> FT WITHIN <u>5</u> MILES OF <u>SVM VORTAC</u> (IAF)															
2.															
3. FAC <u>123.81</u> FAF <u>SVM VORTAC</u> DIST FAF TO MAP <u>7.03</u> THLD															
4. MIN. ALT <u>SVM VORTAC 2400, ADEBE/SVM 4.80 DME 1580</u>															
8. MSA FROM: <u>SVM VORTAC 050-295 3100, 295-050 2600</u>												MAG VAR: <u>3W</u>		EPOCH YEAR: <u>1965</u>	
MINIMUMS															
TAKEOFF:		STANDARD		☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		☒			
CATEGORY >>>>>		A		B		C		D		E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1580	1 1/4	884		NA			NA			NA				
ADEBE FIX MINIMUMS															
CIRCLING	1220	1	524		NA			NA			NA				
NOTES:															
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.															
CHART NOTE: USE WILLOW RUN ALTIMETER SETTING; IF NOT RECEIVED, USE DETROIT METROPOLITAN WAYNE COUNTY ALTIMETER SETTING.															
CITY AND STATE		ELEVATION: 696 TDZE:		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR OR GPS-A			
PLYMOUTH, MI				CANTON-PLYMOUTH-METTETAL		SVM		VOR-A, AMDT 12 FEB 14 2008				AMDT 11A			
												DATE 03/15/2007			



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE		ADDITIONAL FLIGHT DATA:									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____																MAG VAR: _____		EPOCH YEAR: _____	
TAKEOFF: _____		STANDARD _____		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A _____											
CATEGORY =====>		A		B		C		D		E									
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
NOTES: PROCEDURE CANCELLED EFFECTIVE: <u>FEB 14 2008</u>																			
CITY AND STATE STURGIS, MI		ELEVATION: 925 TDZE: 914 AIRPORT NAME: KIRSCH MUNI		FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO.: GPS RWY 18, ORIG 22 MAY 97				SUP NONE		AMDT NONE							
										DATE									



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW06
RZN VOR/DME	KAYEK (FB)	275.83 / 30.11	3000	CLIMB TO 3000 DIRECT FITAN AND HOLD.
KAYEK (IAF)	JASNI (NOPT) (FB)	335.64 / 5.00	3000	
LINDR (IAF)	JASNI (NOPT) (FB)	136.74 / 17.83	3000	
CIVOL (IAF)	JASNI (NOPT) (FB)	050.35 / 14.72	3000	
JASNI (IF/IAF)	HISMA (FB)	065.26 / 6.21	2600	
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 245.63 INBOUND. CHART FAS OBST: 1334 TOWER 460117N/0925544W CHART VDP AT 1.69 MILES TO RW06. HISMA TO RW06: 3.04/35

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW JASNI, RT, 065.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 065.36 FAF: HISMA DIST FAF TO MAP: 4.79 THLD: 4.79
- MIN. ALT: JASNI 3000, HISMA 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW06 2700

MAG VAR: 0E

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	1600	1	579	1600	1	579		NA			NA				
CIRCLING	1640	1	619	1640	1	619		NA			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

SEE 8260-10

CITY AND STATE	ELEVATION: 1021 TDZE: 1021	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HINCKLEY, MN	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 6, ORIG	AMDT: NONE
	FIELD OF DREAMS		FEB 14 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: VDP NA WHEN USING MORA ALTIMETER SETTING.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RZN VOR/DME VIA V505 AND V13 NORTHEAST BOUND.**

CITY AND STATE

HINCKLEY, MN

ELEVATION: 1021 TDZE: 1021

AIRPORT NAME:

FIELD OF DREAMS

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

FEB 14 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 HINCKLEY, MN	ELEVATION: 1021 TDZE: 1021 AIRPORT NAME: FIELD OF DREAMS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 6, ORIG FEB 14 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.

RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP 04W K3GRW06 0025610654 N46011746W092535790-0400 01020019035075

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

SUSAP 04W K3SRW06 K3PG 0 25180027 M

CITY AND STATE

HINCKLEY, MN

ELEVATION: 1021 TDZE: 1021

AIRPORT NAME:

FIELD OF DREAMS

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

FEB 14 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
	CIVOL	CIVOL	010	IAF	IF		FB				
	CIVOL	JASNI	020		TF		FB	1.0	050.4 (050T)	014.7	03000
	JASNI	JASNI	010		HF	R	FB		065.3 (065T)	004.0	03000
	LINDR	LINDR	010	IAF	IF		FB				
	LINDR	JASNI	020		TF		FB	1.0	136.7 (137T)	017.8	03000
	RZN	RZN	010		IF		FB				
	RZN	KAYEK	020	IAF	TF		FB	2.0	275.8 (276T)	030.1	03000
	RZN	JASNI	030		TF		FB	1.0	335.6 (336T)	005.0	03000
		JASNI	010	FACF	IF		FB				03000
		HISMA	020	FAF	TF		FB	0.5	065.3 (065T)	006.2	02600
		RW06	030	MAP	TF		FO	0.3	065.4 (065T)	004.8	01055

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	065.4 (065T)		01421
	FITAN	050		DF		FO	1.0			03000
	FITAN	060		HM	R	FO	2.0	245.6 (246T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RZN	N454913.60	W0922228.30	N4549.227	W09222.472
	CIVOL	N454720.08	W0932432.37	N4547.335	W09324.540
	FITAN	N460605.03	W0923849.96	N4606.084	W09238.833
	HISMA	N455917.93	W0930012.42	N4559.299	W09300.207
	JASNI	N455642.21	W0930818.09	N4556.704	W09308.302
	KAYEK	N455209.04	W0930520.73	N4552.151	W09305.346
	LINDR	N460942.34	W0932548.75	N4609.706	W09325.813
	RW06	N460117.46	W0925357.90	N4601.291	W09253.965

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	01020	35

CITY AND STATE

HINCKLEY, MN

ELEVATION: 1021 TDZE: 1021

AIRPORT NAME:

FIELD OF DREAMS

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 6, ORIG

FEB 14 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	
LINDR	ICEYU (FB)	087.99 / 30.60	3000	LNAV: RW24 CLIMB TO 3000 DIRECT JASNI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 065.26 INBOUND. CHART FAS OBST: 1114 TREE 460124N/0925321W CHART VDP AT 1.28 MILES TO RW24. CAXOT TO RWY24: 3.04/35
ICEYU (IAF)	FITAN (NOPT) (FB)	155.59 / 5.00	3000	
RZN VOR/DME (IAF)	FITAN (NOPT) (FB)	326.00 / 20.36	3000	
KINGZ (IAF)	FITAN (NOPT) (FB)	244.05 / 15.85	3000	
FITAN (IF/IAF)	CAXOT (FB)	245.63 / 6.10	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE FITAN, RT, 245.63 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 245.53 FAF: CAXOT DIST FAF TO MAP: 5.12 THLD: 5.12
- MIN. ALT: FITAN 3000, CAXOT 2700, MOKNE/2.00 NM TO RW24 1680
- 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: RW24 2700

MAG VAR: 0E

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	1380	1	359	1380	1	359		NA			NA				
CIRCLING	1640	1	619	1640	1	619		NA			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MORA ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.

CHART NOTE: VDP NA WHEN USING MORA ALTIMETER SETTING.

CITY AND STATE HINCKLEY, MN	ELEVATION: 1021 TDZE: 1021 AIRPORT NAME: FIELD OF DREAMS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG FEB 14 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 HINCKLEY, MN	ELEVATION: 1021 TDZE: 1021 AIRPORT NAME: FIELD OF DREAMS	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG FEB 14 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 04W K3GRW24 0023572455 N46012635W092532997+0400 01011039435075

SUSAP 04W K3SRW24 K3PG 0 25180027 M

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	FITAN	FITAN	010		HF	R	FB		245.6 (246T)	004.0	03000
	KINGZ	KINGZ	010	IAF	IF		FB				
	KINGZ	FITAN	020		TF		FB	1.0	244.1 (244T)	015.9	03000
	LINDR	LINDR	010		IF		FB				
	LINDR	ICEYU	020	IAF	TF		FB	2.0	088.0 (088T)	030.6	03000
	LINDR	FITAN	030		TF		FB	1.0	155.6 (156T)	005.0	03000
	RZN	RZN	010	IAF	IF		FB				
	RZN	FITAN	020		TF		FB	1.0	326.0 (326T)	020.4	03000
		FITAN	010	FACF	IF		FB				03000
		CAXOT	020	FAF	TF		FB	0.5	245.6 (246T)	006.1	02700
		MOKNE	021	SDF	TF		FB	0.3	245.5 (246T)	003.1	01680
		RW24	030	MAP	TF		FO	0.3	245.5 (246T)	002.0	01046

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	245.5 (246T)		01380
	JASNI	050		DF		FO	1.0			03000
	JASNI	060		HM	R	FO	2.0	065.3 (065T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	RZN	N454913.60	W0922228.30	N4549.227	W09222.472
	CAXOT	N460333.73	W0924648.80	N4603.562	W09246.813
	FITAN	N460605.03	W0923849.96	N4606.084	W09238.833
	ICEYU	N461038.18	W0924148.10	N4610.636	W09241.802
	JASNI	N455642.21	W0930818.09	N4556.704	W09308.302
	KINGZ	N461302.85	W0921821.06	N4613.048	W09218.351
	LINDR	N460942.34	W0932548.75	N4609.706	W09325.813
	MOKNE	N460216.16	W0925053.29	N4602.269	W09250.888
	RW24	N460126.35	W0925329.97	N4601.439	W09253.500

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW24	01011		35

CITY AND STATE
HINCKLEY, MN

ELEVATION: 1021 TDZE: 1021
 AIRPORT NAME:
 FIELD OF DREAMS

FACILITY
IDENTIFIER:
RNAV

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

FEB 14 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 6, 24, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, TREE 82' FROM DER, 480' RIGHT OF CENTERLINE, 100' AGL/1114' MSL. TREE 143' FROM DER, 161' LEFT OF CENTERLINE, 100' AGL/1114' MSL.

NOTE: RWY 24, TREE 48' FROM DER, 165' LEFT OF CENTERLINE, 100' AGL/1124' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HINCKLEY, MN

(6) Airport

FIELD OF DREAMS

(7) Effective Date

FEB 14 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	
GEP VORTAC	FCM VOR/DME	184.53 / 19.53	2600	LOC: 5.03 MILES AFTER STUBR/INT/FCM 5.46 DME OR AT FCM 0.43 DME FIX ILS: DA CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 2600 DIRECT FCM VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 5000 DIRECT FGT VORTAC AND HOLD S, RT, 358.03 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, RT, 080.00 INBOUND. CHART FAS OBST: 1029 100' TREE 444951N/0933024W CHART: 1150 TOWER 445053N/0933530W CHART FCM R-170 AT FASAP.
FCM VOR/DME	STUBR INT/FCM 5.46 DME	275.88 / 5.46	2600	
FASAP/FCM 12.00 DME CW (IAF)	ZAMUD/FCM 12.00 DME	12.00 DME ARC (FCM LR-265)	2600	
ZAMUD/FCM 12.00 DME (IF)	STUBR INT/FCM 5.46 DME	098.02 / 6.54 (I-FCM)	2600	

- PT L SIDE OF COURSE 278.02 OUTBOUND 2600 FT WITHIN 10 MILES OF STUBR INT/FCM 5.46 DME (IAF)
-
- FAC: 098.02 FAF: STUBR INT/FCM 5.46 DME DIST FAF TO MAP: 5.03 THLD: 5.03
- MIN. ALT: STUBR 2600, GOBKE/FCM 1.70 DME 1340*
- DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 890
- MIN GS INCPT: 2600 GS ALT AT: STUBR 2569 OM: - MM: 1098 IM: -
- GS ANGLE: 3.00 TCH: 41.0
- MSA FROM: FCM VOR/DME 090-360 2800, 360-090 3500

MAG VAR: 3E

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	LOC: STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 10R	1106	1/2	200	1106	1/2	200	1106	1/2	200	1106	1/2	200			
S-LOC 10R	1340	1/2	434	1340	1/2	434	1340	3/4	434	1340	1	434			
CIRCLING	1340	1	434	1360	1	454	1360	1 1/2	454	1460	2	554			
DME MINIMUMS															
S-LOC 10R	1280	1/2	374	1280	1/2	374	1280	1/2	374	1280	3/4	374			
CIRCLING	1320	1	414	1360	1	454	1360	1 1/2	454	1460	2	554			

NOTES:
* LOC ONLY

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 906 TDZE: 906 AIRPORT NAME: FLYING CLOUD	FACILITY IDENTIFIER: I-FCM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 10R, AMDT 2C FEB 14 2008	SUP: AMDT: 2B DATED 08/30/2007
-----------------------------------	---	-------------------------------	---	--------------------------------------

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW32 CLIMBING LEFT TURN TO 3500 DIRECT URTAW AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1249 TREE 453130N/0955635W. CHART VDP AT 1.16 MILES TO RW32. SONMU TO RW32: 3.04/48 CHART: TDZ ELEVATION 1132 FT. CHART: FIELD ELEVATION 1138 FT.				
ARDUE	IMKEW (FB)	330.34 / 20.97	3500					
AXN VOR/DME	VONoz (FB)	209.21 / 36.05	3500					
IMKEW (IAF)	URTAW (NOPT) (FB)	049.02 / 5.00	3500					
VONoz (IAF)	URTAW (NOPT) (FB)	229.16 / 5.00	3500					
URTAW (IF/IAF)	SONMU (FB)	319.09 / 6.27	2700					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE URTAW, RT, 319.09 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>319.03</u> FAF: <u>SONMU</u> DIST FAF TO MAP: <u>4.73</u> THLD: <u>4.73</u> 4. MIN. ALT: URTAW 3500, SONMU 2700, SISOE/3.00 NM TO RW32 2140 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: RW32 3400				MAG VAR: 5E EPOCH YEAR: 1985				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	1540	1	408	1540	1	408	1540	1 1/4
CIRCLING	1560	1	422	1600	1	462	1600	1 1/2
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VDP NA WHEN USING BENSON ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT AXN VOR/DME VIA V175 NORTHBOUND.								
CITY AND STATE		ELEVATION: 1138 TDZE: 1132		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
MORRIS, MN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 32, ORIG		AMDT: NONE
		MORRIS MUNI-CHARLIE SCHMIDT FLD				FEB 14 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.

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

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

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

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMOXK3GRW32 0040003190 N45333653W095574127+0100 01124000048075

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

SUSAP KMOXK3SRW32 K3PG 0 25180034 M

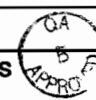
CITY AND STATE
 MORRIS, MN

ELEVATION: 1138 TDZE: 1132
 AIRPORT NAME:
 MORRIS MUNI-CHARLIE SCHMIDT FLD

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 32, ORIG
 FEB 14 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
	ARDUE	ARDUE	010		IF		FB				
	ARDUE	IMKEW	020	IAF	TF		FB	2.0	330.3(335T)	021.0	03500
	ARDUE	URTAW	030		TF		FB	1.0	049.0(054T)	005.0	03500
	AXN	AXN	010		IF		FB				
	AXN	VONoz	020	IAF	TF		FB	2.0	209.2(214T)	036.1	03500
	AXN	URTAW	030		TF		FB	1.0	229.2(234T)	005.0	03500
	URTAW	URTAW	010		HF	R	FB		319.1(324T)	004.0	03500
		URTAW	010	FACF	IF		FB				03500
		SONMU	020	FAF	TF		FB	1.0	319.1(324T)	006.3	02700
		SISOE	021	SDF	TF		FB	0.3	319.0(324T)	001.7	02140
		RW32	030	MAP	TF		FO	0.3	319.0(324T)	003.0	01172

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	319.0(324T)		01538
	URTAW	050		DF	L	FO	1.0			03500
	URTAW	060		HM	R	FO	2.0	319.1(324T)	004.0	03500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXN	N455730.07	W0951357.42	N4557.501	W09513.957
	ARDUE	N450243.92	W0954150.57	N4502.732	W09541.843
	IMKEW	N452146.38	W0955414.94	N4521.773	W09554.249
	SISOE	N453110.95	W0955510.72	N4531.183	W09555.179
	SONMU	N452946.83	W0955343.86	N4529.781	W09553.731
	URTAW	N452442.45	W0954830.32	N4524.708	W09548.505
	VONoz	N452738.23	W0954245.10	N4527.637	W09542.752
	RW32	N453336.53	W0955741.27	N4533.609	W09557.688

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01124	48

CITY AND STATE
MORRIS, MN

ELEVATION: 1138 TDZE: 1132
 AIRPORT NAME:
MORRIS MUNI-CHARLIE SCHMIDT FLD

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 32, ORIG
FEB 14 2008

SUP:
 AMDT: **NONE**
 DATED:



U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: MOX VOR/DME CLIMB TO 3000 THEN LEFT TURN DIRECT MOX VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 315.10 INBOUND. CHART FAS OBST: 1249 TREE 453407N/0955721W CHART FIELD ELEVATION: 1138 CHART TDZE: 1132 JEXIR TO RW32: 3.04/48 CHART VDP AT 1.50 DME; DISTANCE VDP TO THLD 1.03 MILES. FAC CROSSES RWY C/L EXTENDED 3007 FROM THLD.											
AXN VOR/DME	MOX VOR/DME	225.98 / 38.89	3500												
ATY VORTAC	MOX VOR/DME	045.29 / 60.87	3900												
1. PT <u>L</u> SIDE OF COURSE <u>135.10</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>MOX VOR/DME</u> (IAF) 2. _____ 3. FAC <u>315.10</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>JEXIR/MOX 2.17 DME 1720*</u> 8. MSA FROM: <u>MOX VOR/DME 3400</u>					MAG VAR: <u>5E</u> EPOCH YEAR: <u>1985</u>										
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-32	1720	1	588	1720	1	588	1720	1 1/2	588		NA				
CIRCLING	1720	1	582	1720	1	582	1720	1 1/2	582		NA				
JEXIR FIX MINIMUMS															
S-32	1500	1	368	1500	1	368	1500	1	368		NA				
CIRCLING	1560	1	422	1600	1	462	1600	1 1/2	462		NA				
NOTES: * 1780 WHEN USING BENSON ALTIMETER SETTING. CHART NOTE: VDP NA WHEN USING BENSON ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BENSON ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND CAT C VISIBILITY 1/4 MILE, JEXIR FIX MINIMUMS S-32 CAT C VISIBILITY 1/4 MILE.															
CITY AND STATE MORRIS, MN		ELEVATION: 1138 TDZE: 1132 AIRPORT NAME: MORRIS MUNI-CHARLIE SCHMIDT FLD		FACILITY IDENTIFIER: MOX		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 32, AMDT 5 FEB 14 2005				SUP AMDT 4B DATE 04/04/1991					



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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____

EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELLED EFFECTIVE FEB 14 2008

CITY AND STATE MORRIS, MN	ELEVATION: 1130 TDZE: 1130 AIRPORT NAME: MORRIS MUNI-CHARLIE SCHMIDT FLD	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 32, ORIGINAL 12/16/1997	SUP 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 04, 22 NA - ENVIRONMENTAL.
RWY 14, 32 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 32, TREES 2,888' FROM DER, 1,125' LEFT OF CENTERLINE, 100' AGL/1,209' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MORRIS, MN

(6) Airport

MORRIS MUNI-CHARLIE SCHMIDT FLD

(7) Effective Date

FEB 14 2008

(8) Amdt. No.

ORIG



APPROVED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FSD VORTAC AIRWAY RADIALS 319 CW 046.

CHART NOTE: VDP NA WITH SIOUX FALLS ALTIMETER SETTING.

CITY AND STATE

PIPESTONE, MN

ELEVATION: 1736 TDZE: 1736

AIRPORT NAME:

PIPESTONE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG

FEB 18 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 KPQNK3FP18	A	A	010	A	010	A	010	A	010	A	010	A	010
SUSAP KPQNK3FP18	A	A	020	S	020	S	020	S	020	S	020	S	020
SUSAP KPQNK3FP18	A	A	030	S	030	S	030	S	030	S	030	S	030
SUSAP KPQNK3FP18	A	A	040	S	040	S	040	S	040	S	040	S	040
SUSAP KPQNK3FP18	A	A	050	S	050	S	050	S	050	S	050	S	050
SUSAP KPQNK3FP18	A	A	060	S	060	S	060	S	060	S	060	S	060
SUSAP KPQNK3FP18	A	A	070	S	070	S	070	S	070	S	070	S	070
SUSAP KPQNK3FP18	A	A	080	S	080	S	080	S	080	S	080	S	080
SUSAP KPQNK3FP18	A	A	090	S	090	S	090	S	090	S	090	S	090
SUSAP KPQNK3FP18	A	A	100	S	100	S	100	S	100	S	100	S	100
SUSAP KPQNK3FP18	A	A	110	S	110	S	110	S	110	S	110	S	110
SUSAP KPQNK3FP18	A	A	120	S	120	S	120	S	120	S	120	S	120
SUSAP KPQNK3FP18	A	A	130	S	130	S	130	S	130	S	130	S	130
SUSAP KPQNK3FP18	A	A	140	S	140	S	140	S	140	S	140	S	140
SUSAP KPQNK3FP18	A	A	150	S	150	S	150	S	150	S	150	S	150
SUSAP KPQNK3FP18	A	A	160	S	160	S	160	S	160	S	160	S	160
SUSAP KPQNK3FP18	A	A	170	S	170	S	170	S	170	S	170	S	170
SUSAP KPQNK3FP18	A	A	180	S	180	S	180	S	180	S	180	S	180
SUSAP KPQNK3FP18	A	A	190	S	190	S	190	S	190	S	190	S	190
SUSAP KPQNK3FP18	A	A	200	S	200	S	200	S	200	S	200	S	200
SUSAP KPQNK3FP18	A	A	210	S	210	S	210	S	210	S	210	S	210
SUSAP KPQNK3FP18	A	A	220	S	220	S	220	S	220	S	220	S	220
SUSAP KPQNK3FP18	A	A	230	S	230	S	230	S	230	S	230	S	230
SUSAP KPQNK3FP18	A	A	240	S	240	S	240	S	240	S	240	S	240
SUSAP KPQNK3FP18	A	A	250	S	250	S	250	S	250	S	250	S	250
SUSAP KPQNK3FP18	A	A	260	S	260	S	260	S	260	S	260	S	260
SUSAP KPQNK3FP18	A	A	270	S	270	S	270	S	270	S	270	S	270
SUSAP KPQNK3FP18	A	A	280	S	280	S	280	S	280	S	280	S	280
SUSAP KPQNK3FP18	A	A	290	S	290	S	290	S	290	S	290	S	290
SUSAP KPQNK3FP18	A	A	300	S	300	S	300	S	300	S	300	S	300
SUSAP KPQNK3FP18	A	A	310	S	310	S	310	S	310	S	310	S	310
SUSAP KPQNK3FP18	A	A	320	S	320	S	320	S	320	S	320	S	320
SUSAP KPQNK3FP18	A	A	330	S	330	S	330	S	330	S	330	S	330
SUSAP KPQNK3FP18	A	A	340	S	340	S	340	S	340				

PAGE 3 OF 5 PAGES

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

1809	+ 03300
35770040	+ 03300

G	S
G	S

SUSAP KPONK3GRW18 0043021777 N43591285W096175850-0100 01734000040075

SUSAP KPQNK3SRW18 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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
	ASTOE	ASTOE	010	IAF	IF		FB				
	ASTOE	SAKNE	020		TF		FB	1.0	137.9 (144T)	020.9	03800
	FSD	FSD	010		IF		FB				
	FSD	TIBUC	020	IAF	TF		FB	2.0	017.6 (024T)	033.9	03800
	FSD	SAKNE	030		TF		FB	1.0	072.9 (079T)	005.0	03800
	GHENT	GHENT	010		IF		FB				
	GHENT	UCAVE	020	IAF	TF		FB	2.0	221.4 (227T)	023.9	03800
	GHENT	SAKNE	030		TF		FB	1.0	253.0 (259T)	005.0	03800
	SAKNE	SAKNE	010		HF	R	FB		163.0 (169T)	004.0	03800
		SAKNE	010	FACF	IF		FB				03800
		RAYOV	020	FAF	TF		FB	0.5	163.0 (169T)	006.0	03700
		RW18	030	MAP	TF		FO	0.3	163.0 (169T)	006.0	01774

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	163.0 (169T)		02136
	OKOCI	050		DF		FB	1.0			
	HEVBA	060		TF		FO	1.0	180.9 (187T)		03300
	HEVBA	070		HM	R	FO	2.0	357.7 (004T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FSD	N433858.30	W0964652.20	N4338.972	W09646.870
	ASTOE	N442755.47	W0963816.95	N4427.925	W09638.283
	GHENT	N442807.95	W0954954.48	N4428.133	W09549.908
	HEVBA	N434731.72	W0961900.75	N4347.529	W09619.013
	OKOCI	N435715.55	W0961723.09	N4357.259	W09617.385
	RAYOV	N440506.25	W0961933.80	N4405.104	W09619.563
	SAKNE	N441059.62	W0962109.42	N4410.994	W09621.157
	TIBUC	N441001.97	W0962758.51	N4410.033	W09627.975
	UCAVE	N441156.87	W0961420.11	N4411.948	W09614.335
	RW18	N435912.85	W0961758.50	N4359.214	W09617.975

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01734	40

CITY AND STATE
PIPESTONE, MN

ELEVATION: 1736 TDZE: 1736
 AIRPORT NAME:
PIPESTONE MUNI

FACILITY IDENTIFIER:
RNAV

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

FEB 18 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: RW36								
OTG VOR/DME	RECOG (FB)			281.48 / 28.26		3400	CLIMB TO 3800 DIRECT PEYRI AND VIA 341.26 TRACK TO SAKNE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 162.96 INBOUND. CEPKA TO RW36: 3.04/30. FAS OBST: 1989 AAO 435441N/0961713W 2009 AAO 435346N/0961828W CHART VDP AT 1.51NM TO RW36.								
SECTO (IAF)	HEVBA (NOPT) (FB)			085.49 / 7.64		3300									
RECOG (IAF)	HEVBA (NOPT) (FB)			267.75 / 5.00		3300									
HEVBA (IF/IAF)	CEPKA (FB)			357.67 / 6.22		3300									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S HEVBA, RT, 357.67 INBOUND, 3300 FT. IN LIEU OF PT (IAF) 3. FAC: 357.68 FAF: CEPKA _____ DIST FAF TO MAP: 4.78 THLD: 4.78 4. MIN. ALT: HEVBA 3300, CEPKA 3300 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: RW36 3900							MAG VAR: 6E EPOCH YEAR: 1990								
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @									
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	2240	1	506	2240	1	506	2240	1 1/2	506		NA				
CIRCLING	2240	1	504	2240	1	504	2280	1 1/2	544		NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SECTO VIA V148 SOUTHWEST BOUND AND ARRIVALS AT OTG VOR/DME VIA V250 NORTHEAST BOUND. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SIOUX FALLS ALTIMETER SETTING SEE 8260-10															
CITY AND STATE		ELEVATION: 1736 TDZE: 1734		AIRPORT NAME:		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
PIPESTONE, MN				PIPESTONE MUNI		RNAV	RNAV (GPS) RWY 36, ORIG FEB 18, 2008					NONE			
												DATED			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

AND INCREASE ALL MDAS 120 FEET AND CAT C VISIBILITIES 1/4 MILE.

CHART NOTE: VDP NA WITH SIOUX FALLS ALTIMETER SETTING.

CITY AND STATE

PIPESTONE, MN

ELEVATION: 1736 TDZE: 1734

AIRPORT NAME:

PIPESTONE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

FEB 18 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 - 424-15[illegible][illegible][illegible][illegible][illegible]

CITY AND STATE
PIPESTONE, MN

ELEVATION: 1736 TDZE: 1734
AIRPORT NAME:
PIPESTONE MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
FEB 18 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.

01729000030075

[illegible]

0 25180039

M

FEB 7 4 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
	HEVBA	HEVBA	010		HF	R	FB		357.7 (004T)	004.0	03300
	OTG	OTG	010		IF		FB				
	OTG	RECOG	020	IAF	TF		FB	2.0	281.5 (288T)	028.3	03400
	OTG	HEVBA	030		TF		FB	1.0	267.8 (274T)	005.0	03300
	SECTO	SECTO	010	IAF	IF		FB				
	SECTO	HEVBA	020		TF		FB	1.0	085.5 (092T)	007.6	03300
		HEVBA	010	FACF	IF		FB				03300
		CEPKA	020	FAF	TF		FB	0.5	357.7 (004T)	006.2	03300
		RW36	030	MAP	TF		FO	0.3	357.7 (004T)	004.7	01759

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	357.7 (004T)		02136
	PEYRI	050		DF		FB	1.0			
	SAKNE	060		TF		FO	1.0	341.3 (347T)		03800
	SAKNE	070		HM	R	FO	2.0	163.0 (169T)	004.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OTG	N433848.90	W0953455.00	N4338.815	W09534.917
	CEPKA	N435344.45	W0961827.71	N4353.741	W09618.462
	HEVBA	N434731.72	W0961900.75	N4347.529	W09619.013
	PEYRI	N440030.18	W0961751.60	N4400.503	W09617.860
	RECOG	N434712.31	W0961207.45	N4347.205	W09612.124
	SAKNE	N441059.62	W0962109.42	N4410.994	W09621.157
	SECTO	N434744.17	W0962933.77	N4347.736	W09629.563
	RW36	N435830.42	W0961802.27	N4358.507	W09618.038

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW36	01729	30

CITY AND STATE
PIPESTONE, MN

ELEVATION: 1736 TDZE: 1734
AIRPORT NAME:
PIPESTONE MUNI

FACILITY IDENTIFIER:
RNAV

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

FEB 14 2006

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: PQN NDB/DME CLIMB TO 3300 THEN LEFT TURN DIRECT PQN NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.54 INBOUND. CHART FAS OBST: 1925 TOWER 435715N/0961629W CHART VDP AT 2.31 DME. DISTANCE VDP TO THLD 1.64 MILES. FAC CROSSES RWY C/L EXTENDED 2998 FROM THLD.									
POEMS INT/FSD 29.00 DME	PQN NDB	317.02 / 4.54			3300										
1. PT <u>L</u> SIDE OF COURSE <u>184.54</u> OUTBOUND <u>3300</u> FT WITHIN <u>10</u> MILES OF <u>PQN NDB</u> (IAF) 2. _____ 3. FAC <u>004.54</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT <u>TEYUB/2.90 DME 2360*</u> 8. MSA FROM: <u>PQN NDB/DME 3900</u>					MAG VAR: 6E EPOCH YEAR: 1990										
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-36	2360	1	626	2360	1	626	2360	1 3/4	626		NA				
CIRCLING	2360	1	624	2360	1	624	2360	1 3/4	624		NA				
TEYUB FIX MINIMUMS															
S-36	2280	1	546	2280	1	546	2280	1 1/2	546		NA				
CIRCLING	2280	1	544	2280	1	544	2280	1 1/2	544		NA				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SIOUX FALLS ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET, S-36 CAT B VISIBILITY 1/4 MILE, CAT C VISIBILITY 1/2 MILE AND TEYUB FIX MINIMUMS CAT C VISIBILITY 1/4 MILE. *2480 WHEN USING SIOUX FALLS ALTIMETER SETTING. CHART NOTE: VDP NA WITH SIOUX FALLS ALTIMETER SETTING.															
CITY AND STATE		ELEVATION: 1736 TDZE: 1734		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP NDB OR GPS RWY					
PIPESTONE, MN		AIRPORT NAME:		PQN		NDB RWY 36, AMDT 7				36					
		PIPESTONE MUNI				FEB 18 2008				AMDT		6			
										DATE		04/06/2005			



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 09, 27 NA - ENVIRONMENTAL.
RWY 18, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES BEGINNING 3811' FROM DER, 854' RIGHT OF CENTERLINE, UP TO 100' AGL/1859' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

PIPESTONE, MN

(6) Airport

PIPESTONE MUNI

(7) Effective Date

FEB 14 2008

(8) Amdt. No.

ORIG



ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 4.79 MILES AFTER ACTRA OM/INT CLIMB TO 3000 THEN RIGHT TURN DIRECT DQN VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2700 DIRECT BRUNY LOM AND HOLD SW, RT, 059.34 INBOUND (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 084.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW AT LOM, RT, 059.34 INBOUND. CHART FAS OBST: 1069 T-LINE 395641N/0840758W CHART: ASR CHART IN PLANVIEW: AT LOM.											
DQN VOR/DME	ACTRA OM/INT	106.87 / 12.86	2800												
ROD VORTAC	LENAN INT	184.00 / 14.53	2800												
LENAN INT (IAF)	UYOGO INT (NOPT)	184.00 / 2.36 (ROD R-184)	2700												
BONEE INT (IAF)	UYOGO INT (NOPT)	239.36 / 4.91 (I-VUQ)	2700												
UYOGO INT	ACTRA OM/INT	239.36 / 5.15 (I-VUQ)	2600												
1. PT <u>L</u> SIDE OF COURSE <u>059.36</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>ACTRA OM</u> (IAF) 2. 3. FAC: <u>239.36</u> FAF: <u>ACTRA OM/INT</u> DIST FAF TO MAP: <u>4.79</u> THLD: <u>4.79</u> 4. MIN. ALT: <u>ACTRA OM 2600</u> 5. DIST TO THLD FROM OM: <u>4.79</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>2600</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2597</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.9</u> 8. MSA FROM: <u>DQN VOR/DME 3100</u>				MAG VAR: 4W 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 24R	1197	2400	200	1197	2400	200	1197	2400	200	1197	2400	200			
S-LOC 24R	1340	2400	343	1340	2400	343	1340	2400	343	1340	4000	343			
CIRCLING	1480	1	471	1480	1	471	1480	1 1/2	471	1560	2	551			
NOTES: CHART PROFILE NOTE: DISREGARD DME INDICATIONS # @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SPRINGFIELD ALTIMETER SETTING: INCREASE DA TO 1245 FEET AND ALL MDAS 60 FEET, AND INCREASE VISIBILITY S-LOC 24R CAT C 1/4 MILE.															
CITY AND STATE		ELEVATION: 1009 TDZE: 997		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
DAYTON, OH		AIRPORT NAME:		I-VUQ		ILS OR LOC RWY 24R, AMDT 7				AMDT: 6A					
		JAMES M COX DAYTON INTL				FEB 14 2008				DATED 10/31/2006					

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
URBIA	DSD VORTAC (FO)	322.53 / 15.00	6200	LNAV: RW16
DUMMP (IAF)	DSD VORTAC (NOPT) (FB)	209.55 / 10.00	6100	
HERBS (IAF)	DSD VORTAC (NOPT) (FB)	166.56 / 10.00	6100	CLIMB TO 7400 DIRECT FOGIT AND LEFT TURN VIA 041.12 TRACK TO HATMO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7400.
HERLD (IAF)	DSD VORTAC (NOPT) (FB)	126.75 / 10.00	6100	
HORRN (IAF)	BOTTL (NOPT) (FB)	114.05 / 10.00	9000	ADDITIONAL FLIGHT DATA: HOLD E, RT, 284.01 INBOUND. CHART FAS OBST: 3549 TREE 440603N/1211238W COMEK TO RW16: 2.91/50
BOTTL	DSD VORTAC (FB)	114.05 / 10.00	6100	
EENIE (IAF)	TABSE (NOPT) (FB)	081.26 / 5.00	7900	
SEE 8260-10				

- | | | | | | |
|--------------------------|--|------------|------------------|----------|-----------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. | HOLD NW DSD VORTAC, LT, 123.97 INBOUND, 6100 FT. IN LIEU OF PT (IAF) | | | | |
| 3. FAC: | 149.76 | FAF: COMEK | DIST FAF TO MAP: | | 4.36 THLD: 4.36 |
| 4. MIN. ALT: | DSD VORTAC 6100, FOGIV 5700, COMEK 4800 | | | | |
| 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: | RW16 11600 | | | | |

EPOCH YEAR: 1980

[illegible]

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

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 16, AMDT 1A
FEB 14 2008

SUP:	RNAV (GPS) RWY 16
AMDT:	1
DATED	10/25/2007



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TABSE	DSD VORTAC (FB)	081.26 / 10.00	6100
SNOKY (IAF)	FOSNI (NOPT) (FB)	065.96 / 6.00	9500
FOSNI	DSD VORTAC (FB)	065.96 / 10.00	6100
DSD VORTAC (IF/IAF)	FOGIV (FB)	123.97 / 3.00	5700
FOGIV	COMEK (FB)	123.97 / 3.00	4800

CITY AND STATE

BEND, OR

ELEVATION: 3460

TDZE: 3432

AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 16, AMDT 1A

FEB 14 2008

SUP: RNAV (GPS) RWY 16

AMDT: 1

DATED: 10/25/2007

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

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

ARINC PACKET - 424-15[illegible][illegible][illegible][illegible]

CITY AND STATE
BEND, OR

ELEVATION: 3460 TDZE: 3432
AIRPORT NAME:
BEND MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 16, AMDT 1A
FEB 14 2008

SUP:	RNAV (GPS) RWY 16
AMDT:	1
DATED:	10/25/2007

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	KBDNK1FP16-Y	AHERLD	020DSD	K1D	OVE	010TF	12680100	+	06100			G	S	I
SUSAP	KBDNK1FP16-Y	AHORRN	010HORRNK1EA0E	A		IF				18000		G	S	I
SUSAP	KBDNK1FP16-Y	AHORRN	020BOTTLK1EA0E			010TF	11410100	+	09000			G	S	I
SUSAP	KBDNK1FP16-Y	AHORRN	030DSD	K1D	OVE	010TF	11410100	+	06100			G	S	I
SUSAP	KBDNK1FP16-Y	ASNOKY	010SNOKYK1EA0E	A		IF				18000		G	S	I
SUSAP	KBDNK1FP16-Y	ASNOKY	020FOSNIK1EA0E			010TF	06600060	+	09500			G	S	I
SUSAP	KBDNK1FP16-Y	ASNOKY	030DSD	K1D	OVE	010TF	06600100	+	06100			G	S	I
SUSAP	KBDNK1FP16-Y	AURBIA	010URBIAK1EA0E			IF				18000		G	S	I
SUSAP	KBDNK1FP16-Y	AURBIA	020DSD	K1D	OV	A 020TF	32250150	+	06200			G	S	I
SUSAP	KBDNK1FP16-Y	AURBIA	030DSD	K1D	OVE	CL HF	12400070	+	06100			G	S	I
SUSAP	KBDNK1FP16-Y	P	010DSD	K1D	OV	I IF		+	06100	18000		G	S	I
SUSAP	KBDNK1FP16-Y	P	011FOGIVK1EA0E	S		051TF	12400030	+	05700			G	S	I
SUSAP	KBDNK1FP16-Y	P	020COMCK1EA0E	F		051TF	12400030	+	04800			RW16	K1PGG	S
SUSAP	KBDNK1FP16-Y	P	030RW16	K1PGGY	M	031TF	14980044		03453	-291		G	S	I
SUSAP	KBDNK1FP16-Y	P	040		0	M 010CA	1498	+	03800			G	S	I
SUSAP	KBDNK1FP16-Y	P	050FOGITK1EA0E			010DF						G	S	I
SUSAP	KBDNK1FP16-Y	P	060HATMOK1EA0EY			L010TFY	0411	+	07400			G	S	I
SUSAP	KBDNK1FP16-Y	P	070HATMOK1EA0EE			HRO20HM	28400070	+	07400			G	S	I

[illegible]

CITY AND STATE BEND, OR	ELEVATION: 3460 TDZE: 3432 AIRPORT NAME: BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 16, AMDT 1A FEB 14 2008	SUP: RNAV (GPS) RWY 16
				AMDT: 1
				DATED: 10/25/2007

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 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DUMMP	DUMMP	010	IAF	IF		FB				
	DUMMP	DSD	020		TF		FB	1.0	209.6 (229T)	010.0	06100
	EENIE	EENIE	010	IAF	IF		FB				
	EENIE	TABSE	020		TF		FB	1.0	081.3 (100T)	005.0	07900
	EENIE	DSD	030		TF		FB	1.0	081.3 (100T)	010.0	06100
	HERBS	HERBS	010	IAF	IF		FB				
	HERBS	DSD	020		TF		FB	1.0	166.6 (186T)	010.0	06100
	HERLD	HERLD	010	IAF	IF		FB				
	HERLD	DSD	020		TF		FB	1.0	126.8 (146T)	010.0	06100
	HORRN	HORRN	010	IAF	IF		FB				
	HORRN	BOTTL	020		TF		FB	1.0	114.1 (133T)	010.0	09000
	HORRN	DSD	030		TF		FB	1.0	114.1 (133T)	010.0	06100
	SNOKY	SNOKY	010	IAF	IF		FB				
	SNOKY	FOSNI	020		TF		FB	1.0	066.0 (085T)	006.0	09500
	SNOKY	DSD	030		TF		FB	1.0	066.0 (085T)	010.0	06100
	URBIA	URBIA	010		IF		FB				
	URBIA	DSD	020	IAF	TF		FB	2.0	322.5 (342T)	015.0	06200
	URBIA	DSD	030		HF	L	FB		124.0 (143T)	007.0	06100
		DSD	010	FACF	IF		FB				06100
		FOGIV	011	SDF	TF		FB	0.5	124.0 (143T)	003.0	05700
		COMEK	020	FAF	TF		FB	0.5	124.0 (143T)	003.0	04800
		RW16	030	MAP	TF		FO	0.3	149.8 (169T)	004.4	03453

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	149.8 (169T)		03800
	FOGIV	050		DF		FB	1.0			
	HATMO	060		TF	L	FO	1.0	041.1 (060T)		07400
	HATMO	070		HM	R	FO	2.0	284.0 (303T)	007.0	07400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSD	N441509.95	W1211812.69	N4415.166	W12118.212
	BOTTL	N442201.01	W1212821.48	N4422.017	W12128.358
	COMEK	N441022.43	W1211311.45	N4410.374	W12113.191
	DUMMP	N442147.63	W1210746.95	N4421.794	W12107.783
	EENIE	N441752.12	W1213844.88	N4417.869	W12138.748
	FOGIV	N440036.49	W1211030.10	N4400.608	W12110.502
	FOGIV	N441246.22	W1211541.97	N4412.770	W12115.700
	FOSNI	N441419.05	W1213204.39	N4414.318	W12132.073

CITY AND STATE

BEND, OR

ELEVATION: 3460 TDZE: 3432

AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 16, AMDT 1A

FEB 14 2008

SUP: RNAV (GPS) RWY 16

AMDT: 1

DATED: 10/25/2007

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.

HATMO	N440756.00	W1205244.90	N4407.933	W12052.748
HERBS	N442507.23	W1211651.75	N4425.121	W12116.863
HERLD	N442326.22	W1212602.55	N4423.437	W12126.043
HORRN	N442851.03	W1213832.73	N4428.851	W12138.546
SNOKY	N441347.76	W1214023.24	N4413.796	W12140.387
TABSE	N441658.47	W1213153.94	N4416.975	W12131.899
URBIA	N440056.51	W1211136.09	N4400.942	W12111.602
RW16	N440606.09	W1211200.77	N4406.102	W12112.013

RUNWAY DATA

	THRESHOLD	
RWY	ELEVATION	TCH
RW16	03403	50

CITY AND STATE
BEND, OR

ELEVATION: 3460 TDZE: 3432
AIRPORT NAME:
BEND MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 16, AMDT 1A
FEB 14 2008

SUP: RNAV (GPS) RWY 16
AMDT: 1
DATED: 10/25/2007

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
DSD VORTAC	FOMBO (FO)	029.42 / 5.96	7000	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 9500 DIRECT JOGON AND LEFT TURN VIA 050.79 TRACK TO SAKKO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9500. ADDITIONAL FLIGHT DATA: HOLD E, RT, 271.42 INBOUND. CHART FAS OBST: 3539 TREE 440607N/1211241W CHART FAS OBST: 3549 TREE 440602N/1211240W DISTANCE TO THLD FROM 250 HAT: 0.72 NM. CHART VDP AT 1.21 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 81906 REFERENCE PATH ID: W16A								
HERBS (IAF)	FOMBO (NOPT) (FB)	130.81 / 6.94	7000									
FOMBO (IF/IAF)	HEKIL (FB)	161.04 / 7.00	5400									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N FOMBO, RT, 161.04 INBOUND, 7000 FT. IN LIEU OF PT (IAF) 3. FAC: 161.04 FAF: HEKIL _____ DIST FAF TO MAP: 6.01 THLD: 6.01 4. MIN. ALT: FOMBO 7000, HEKIL 5400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 5400 GS ALT AT: HEKIL 5400 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW16 11600				MAG VAR: 19E 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
LPV DA	3682	1	250	3682	1	250	3682	1	250	3682	1	250
LNAV/VNAV DA	3809	1 1/2	377	3809	1 1/2	377	3809	1 1/2	377	3809	1 1/2	377
LNAV MDA	3840	1	408	3840	1	408	3840	1 1/4	408	3840	1 1/4	408
CIRCLING	3940	1	480	3980	1	520	4000	1 1/2	540	4040	2	580
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -21C (-5F) OR ABOVE 42C (107F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE			ELEVATION: 3460 TDZE: 3432		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:		
BEND, OR			AIRPORT NAME:				RNAV (GPS) Z RWY 16, ORIG			AMDT: NONE		
			BEND MUNI				FEB 14 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.

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DSD VORTAC ON AIRWAY RADIALS 348 CW 052, AND V269-536 EASTBOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REDMOND ALTIMETER SETTING AND INCREASE ALL DA/MDA'S BY 80 FEET, LPV VISIBILITIES 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITIES 1/4 MILE ALL CATS, LNAV CAT D VISIBILITY 1/4 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

BEND, OR

ELEVATION: 3460

TDZE: 3432

AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 16, ORIG

FEB 14 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	KBDN
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	440606.0885N
LTP/FTP LONGITUDE	1211200.7730W
LTP/FTP ELLIPSOIDAL HEIGHT	+10163
FPAP LATITUDE	440436.9900N
FPAP LONGITUDE	1211200.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7AD4922D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+10373
FPAP ORTHOMETRIC HEIGHT	+10373

CITY AND STATE

BEND, OR

ELEVATION: 3460 TDZE: 3432

AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 16, ORIG

FEB 14 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 BEND, OR	ELEVATION: 3460 TDZE: 3432 AIRPORT NAME: BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 16, ORIG FEB 14 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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DSD	DSD	010		IF		FO				
	DSD	FOMBO	020	IAF	TF		FB	2.0	029.4 (048T)	006.0	07000
	DSD	FOMBO	030		HF	R	FB		161.0 (180T)	007.0	07000
	HERBS	HERBS	010	IAF	IF		FB				
	HERBS	FOMBO	020		TF		FB	1.0	130.8 (150T)	006.9	07000
		FOMBO	010	FACF	IF		FB				07000
		HEKIL	020	FAF	TF		FB	0.5	161.0 (180T)	007.0	05400
		RW16	030	MAP	TF		FO	0.3	161.0 (180T)	006.0	03453

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JOGON	040		DF		FB	1.0			
	SAKKO	050		TF	L	FO	1.0	050.8 (070T)		09500
	SAKKO	060		HM	R	FO	2.0	271.4 (290T)	007.0	09500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSD	N441509.95	W1211812.69	N4415.166	W12118.212
	FOMBO	N441907.14	W1211200.01	N4419.119	W12112.000
	HEKIL	N441206.89	W1211200.42	N4412.115	W12112.007
	HERBS	N442507.23	W1211651.75	N4425.121	W12116.863
	JOGON	N440006.07	W1211201.12	N4400.101	W12112.019
	SAKKO	N440642.42	W1204656.37	N4406.707	W12046.940
	RW16	N440606.09	W1211200.77	N4406.102	W12112.013

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW16	03403	50

CITY AND STATE BEND, OR	ELEVATION: 3460 TDZE: 3432	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 16, ORIG FEB 14 2008	SUP:
	AIRPORT NAME: BEND MUNI			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												
DSD VORTAC	HARBU (FO)	139.16 / 26.70	8000	LNAV: FEDKU CLIMB TO 6000 DIRECT CELVA AND VIA 315 TRACK TO DESCHUTES VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 123.97 INBOUND. CHART FAS OBST: 3839 TREE 440057N/1211138W CHART 4419 TREE 435602N/1211010W. CHART 4579 TREE 435506N/1210952W CHART 3869 TREE 440001N-1211121W CODAY TO RW34: 3.01/50 FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.											
POCIT (IAF)	HARBU (NOPT) (FB)	333.07 / 8.49	8000												
HARBU (IF/IAF)	NALOE (FB)	311.15 / 3.40	7400												
NALOE	CODAY (FB)	311.12 / 2.60	6700												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE HARBU, RT, 311.15 INBOUND, 8000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>326.08</u> FAF: <u>CODAY</u> DIST FAF TO MAP: <u>9.50</u> THLD: <u>9.98</u> 4. MIN. ALT: <u>HARBU 8000, NALOE 7400, CODAY 6700, GUPYE/4.50 NM TO FEDKU 5100</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>FEDKU 11600</u>				MAG VAR: 19E 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	4100	1	640	4100	1	640	4100	1 3/4	640	4100	2	640			
CIRCLING	4100	1	640	4100	1	640	4100	1 3/4	640	4100	2	640			
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 REDMOND ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET, LNAV CATS C/D VISIBILITY 1/4 MILE AND CIRCLING CAT C/D VISIBILITY 1/4 MILE. SEE 8260-10															
CITY AND STATE				ELEVATION: 3460 TDZE: 3460		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
BEND, OR				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 34, ORIG				AMDT: NONE			
				BEND MUNI				FEB 14 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DSD VORTAC ON AIRWAY RADIALS 092 CW 196.

CITY AND STATE

BEND, OR

ELEVATION: 3460 TDZE: 3460

AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

FEB 14 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 BEND, OR	ELEVATION: 3460 TDZE: 3460 AIRPORT NAME: BEND MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG FEB 14 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.

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

	SUSAP KBDNK1GRW34 0052003410 N44051474W121120082-1100 03460000050075												

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

	SUSAP KBDNK1SRW34 K1PG 0 25180116 M												

CITY AND STATE

BEND, OR

ELEVATION: 3460 TDZE: 3460
AIRPORT NAME:

BEND MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

FEB 14 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
	DSD	DSD	010		IF		FO				
	DSD	HARBU	020	IAF	TF		FB	2.0	139.2 (158T)	026.7	08000
	DSD	HARBU	030		HF	R	FB		311.2 (330T)	008.0	08000
	POCIT	POCIT	010	IAF	IF		FB				
	POCIT	HARBU	020		TF		FB	1.0	333.1 (352T)	008.5	08000
		HARBU	010	FACF	IF		FB				08000
		NALOE	011	SDF	TF		FB	0.5	311.2 (330T)	003.4	07400
		CODAY	020	FAF	TF		FB	0.5	311.1 (330T)	002.6	06700
		GUPYE	021	SDF	TF		FB	0.3	326.1 (345T)	005.0	05100
		FEDKU	030	MAP	TF		FO	0.3	326.1 (345T)	004.5	03668

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	326.1 (345T)		03860
	CELVA	050		DF		FB	1.0			
	DSD	060		TF		FO	1.0	315.0 (334T)		06000
	DSD	070		HM	L	FO	2.0	124.0 (143T)	007.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DSD	N441509.95	W1211812.69	N4415.166	W12118.212
	CELVA	N440739.01	W1211305.38	N4407.650	W12113.090
	CODAY	N435534.34	W1210837.25	N4355.572	W12108.621
	FEDKU	N440445.11	W1211200.85	N4404.752	W12112.014
	GUPYE	N440024.23	W1211024.28	N4400.404	W12110.405
	HARBU	N435022.15	W1210429.29	N4350.369	W12104.488
	NALOE	N435319.08	W1210649.71	N4353.318	W12106.829
	POCIT	N434157.75	W1210252.24	N4341.963	W12102.871
	RW34	N440514.74	W1211200.82	N4405.246	W12112.014

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW34	03460	50

CITY AND STATE
BEND, OR

ELEVATION: 3460 TDZE: 3460
 AIRPORT NAME:
 BEND MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 34, ORIG
 FEB 14 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 3, 21 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 2478' FROM DER, 684' RIGHT OF CENTERLINE, UP TO 100' AGL/489' MSL. TREES BEGINNING 405' FROM DER, 363' LEFT OF CENTERLINE, UP TO 100' AGL/479' MSL. ROAD+VEHICLE 59' FROM DER, 418' RIGHT OF CENTERLINE, UP TO 15' AGL/374' MSL.

NOTE: RWY 21, TREES BEGINNING 128' FROM DER, 255' RIGHT OF CENTERLINE, UP TO 100' AGL/439' MSL. TREES BEGINNING 216' FROM DER, 325' LEFT OF CENTERLINE, UP TO 100' AGL/429' MSL. ROAD+VEHICLE 11' FROM DER, 335' RIGHT OF CENTERLINE, UP TO 15' AGL/364' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

HARTSVILLE, SC

(6) Airport

HARTSVILLE REGIONAL

(7) Effective Date

FEB 14 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		
CARRO INT/SEA VORTAC 23.91 DME	CAN NDB	346.30 / 7.05	3500	ILS: DA LOC: 6.20 MILES AFTER WUMOX/INT	
CAN NDB	WUMOX INT	012.47 / 12.35	3500	CLIMB TO 3500 DIRECT CAN NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500; OR WHEN DIRECTED BY ATC, CLIMB TO 4000 VIA HEADING 193 AND OLM R-346 TO CARRO INT/OLM 19.43 DME AND HOLD N, RT, 166.32 INBOUND, CONTINUE CLIMB-IN-HOLD TO 4000.	
				ADDITIONAL FLIGHT DATA: HOLD S, LT, 013.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N CARRO, RT, 166.32 INBOUND CHART FAS OBST: 931 TOWER 473250N/1224233W CHART 3500 PRIOR TO WUMOX IN PROFILE. CHART TDZE 441	

- PT L SIDE OF COURSE 012.78 OUTBOUND 3000 FT WITHIN 10 MILES OF WUMOX INT (IAF)
-
- FAC: 192.78 FAF: WUMOX INT DIST FAF TO MAP: 6.20 THLD: 6.20
- MIN. ALT: WUMOX 2500
- DIST TO THLD FROM OM: 6.20 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1045
- MIN GS INCPT: 2500 GS ALT AT: WUMOX INT 2500 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 52.7
- MSA FROM: CAN NDB 030-130 2600, 130-220 4000, 220-030 9000

MAG VAR: 20E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 19		645	1/2	204	645	1/2	204	645	1/2	204	645	1/2	204			
S-LOC 19		1200	1/2	759	1200	3/4	759	1200	1 3/4	759	1200	2	759			
CIRCLING		1200	1	756	1200	1 1/4	756	1200	2 1/4	756	1200	2 1/2	756			

NOTES:

CHART NOTE: CIRCLING NA FOR CAT D WEST OF RWY 1-19.

CHART PLANVIEW NOTE: ADF REQUIRED.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SEATTLE-TACOMA INTERNATIONAL ALTIMETER

SEE 8260-10

CITY AND STATE BREMERTON, WA	ELEVATION: 444 TDZE: 441 AIRPORT NAME: BREMERTON NATIONAL	FACILITY IDENTIFIER: I-PWT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 19, AMDT 15 FEB 14 2008	SUP: AMDT: 14 DATED 12/22/2005
--	--	-------------------------------	--	--

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.

SETTING AND INCREASE ALL DA/MDAS 60 FEET AND ALL VISIBILITIES 3/4 MILE, INOPERATIVE TABLE DOES NOT APPLY.

CITY AND STATE

BREMERTON, WA

ELEVATION: 444 TDZE: 441

AIRPORT NAME:

BREMERTON NATIONAL

FACILITY
IDENTIFIER:

I-PWT

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 19, AMDT 15

FEB 14 2008

SUP:

AMDT: 14

DATED: 12/22/2005

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW01 CLIMBING RIGHT TURN TO 4000 DIRECT CARRO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 047.40 INBOUND. CHART FAS OBST: 626 TREE 472853N/1224559W CEBOD TO RW01: 3.04/45											
SANDR (IAF)	CARRO (FB)	048.63 / 21.73	4000												
OLM VORTAC (IAF)	CARRO (FB)	345.32 / 19.43	4000												
CARRO (IF)	CEBOD (FB)	346.50 / 7.22	2100												
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 CARRO 3. FAC: <u>012.72</u> FAF: <u>CEBOD</u> DIST FAF TO MAP: <u>4.99</u> THLD: <u>4.99</u> 4. MIN. ALT: <u>CARRO 4000, CEBOD 2100</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW01 9000</u>				MAG VAR: <u>20E</u> EPOCH YEAR: <u>1985</u>											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	880	1	436	880	1	436	880	1 1/4	436	880	1 1/2	436			
CIRCLING	940	1	496	940	1	496	940	1 1/2	496	1000	2	556			
NOTES: CHART NOTE: CIRCLING NA FOR CAT D W OF RWY 1-19. ✓ CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SEATTLE-TACOMA INTERNATIONAL ALTIMETER SEE 8260-10															
CITY AND STATE BREMERTON, WA		ELEVATION: 444 TDZE: 444 AIRPORT NAME: BREMERTON NATIONAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG FEB 14 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.**SETTING AND INCREASE ALL MDAS 60 FEET****CHART PLANVIEW NOTE: PROCEDURE NA AT SANDR VIA V27 SOUTHWEST BOUND AND AT OLM VORTAC ON AIRWAY****RADIALS 012 CW 346.**

CITY AND STATE

BREMERTON, WA**ELEVATION: 444 TDZE: 444**

AIRPORT NAME:

BREMERTON NATIONALFACILITY
IDENTIFIER:**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, ORIG**FEB 14 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.

SUSAP KPWTK1SRW01 K1PG

0 25180090

M

CITY AND STATE

BREMERTON, WA

ELEVATION: 444 TDZE: 444

AIRPORT NAME:

BREMERTON NATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, ORIG

FEB 14 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
	OLM	OLM	010	IAF	IF		FB				
	OLM	CARRO	020		TF		FB	1.0	345.3 (005T)	019.4	04000
	SANDR	SANDR	010	IAF	IF		FB				
	SANDR	CARRO	020		TF		FB	1.0	048.6 (069T)	021.7	04000
		CARRO	010	FACF	IF		FB				04000
		CEBOD	020	FAF	TF		FB	0.5	346.5 (007T)	007.2	02100
		RW01	030	MAP	TF		FO	0.3	012.7 (033T)	006.0	00489

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	012.7 (033T)		00844
	CARRO	050		DF	R	FO	1.0			04000
	CARRO	060		HM	R	FO	2.0	047.4 (067T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OLM	N465817.90	W1225406.60	N4658.298	W12254.110
	CARRO	N471738.07	W1225127.81	N4717.635	W12251.464
	CEBOD	N472448.30	W1225015.58	N4724.805	W12250.260
	SANDR	N470947.18	W1232111.41	N4709.786	W12321.190
	RW01	N472859.97	W1224616.98	N4729.000	W12246.283

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00444	45

CITY AND STATE BREMERTON, WA	ELEVATION: 444 TDZE: 444	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG FEB 14 2008	SUP:
	AIRPORT NAME: BREMERTON NATIONAL			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	
LOFAL (IAF)	GITRE (FB)	142.59 / 11.55	3400	LPV: DA LNAV: RW19
GITRE (IF)	WUMOX (FB)	192.90 / 6.00	2500	CLIMB TO 4000 DIRECT CEBOD AND VIA 166.52 TRACK TO CARRO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 047.40 INBOUND. CHART ARRIVAL HOLDING AT LOFAL, HOLD NW, RT, 142.59 INBOUND, 3400 CHART FAS OBST: 1450 TOWER 473238N/1224447W CHART 534 TREE 473017N/1224458W. DISTANCE TO THLD FROM 322 HAT: 0.86 NM. CHART VDP AT 3.50 MILES TO RW19* *LNAV ONLY. WAAS CHANNEL # 61106 REFERENCE PATH ID: W19A
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT GITRE 3. FAC: <u>192.84</u> FAF: <u>WUMOX</u> DIST FAF TO MAP: <u>6.20</u> THLD: <u>6.20</u> 4. MIN. ALT: <u>GITRE 3400, WUMOX 2500</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>WUMOX</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>52.7</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW19 9000</u>				
				MAG VAR: 20E EPOCH YEAR: 1985

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		763	1/2	322	763	1/2	322	763	1/2	322	763	1/2	322			
LNAV MDA		1600	1 1/4	1159	1600	1 1/2	1159	1600	2 1/2	- 1159	1600	2 1/2	1159			
CIRCLING		1600	1 1/4	1156	1600	1 1/2	1156	1600	3	1156	1600	3	1156			

SEE 8260-10

CITY AND STATE BREMERTON, WA	ELEVATION: 444 TDZE: 441 AIRPORT NAME: BREMERTON NATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, ORIG FEB 14 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.

SETTING AND INCREASE DA TO 808 FEET AND ALL MDAS 60 FEET, INCREASE LPV VISIBILITY ALL CATS 1/2 MILE. INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT A AND B.

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY ALL CATS 1/2 MILE. INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT A AND B.

CHART NOTE: VDP NA WHEN USING SEATTLE-TACOMA INTERNATIONAL ALTIMETER SETTING.

CITY AND STATE

BREMERTON, WA**ELEVATION: 444 TDZE: 441**

AIRPORT NAME:

BREMERTON NATIONALFACILITY
IDENTIFIER:**RNAV**

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG**FEB 14 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
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

0
0
KPWT
RW19
0
0
W19A
472949.7600N
1224529.6800W
+01124
472859.9100N
1224617.0400W
00052.7
F
03.00
106.75
0000
40.0
50.0

CRC REMAINDER

6746E827

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K1
+01334
+01334

CITY AND STATE

BREMERTON, WA

ELEVATION: 444 TDZE: 441

AIRPORT NAME:

BREMERTON NATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG

FEB 14 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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPWTK1FR19	AGITRE	010	LOFALK1EA0E	A	IF					18000		A JS	
SUSAP KPWTK1FR19	AGITRE	020	GITREK1EA0EE		010TF		14260116	+	03400			A JS	
SUSAP KPWTK1FR19	R	010	GITREK1EA0E	I	IF			+	03400	18000		A JS	
SUSAP KPWTK1FR19	R	020	WUMOXK1EA0E	F	051TF		19290060	+	02500		RW19	K1PGA JS	
SUSAP KPWTK1FR19	R	030	RW19 K1PGOGY	M	031TF		19280062		00491	-300		A JS	
SUSAP KPWTK1FR19	R	040	CEBODK1EA0E	M	010DF							A JS	
SUSAP KPWTK1FR19	R	050	CARROK1EA0EY		010TF		1665	+	04000			A JS	
SUSAP KPWTK1FR19	R	060	CARROK1EA0EE		HR020HM		04740050	+	04000			A JS	

[illegible][illegible][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.

SUSAP KPWTK1SRW19 K1PG

0 25180090

M

CITY AND STATE

BREMERTON, WA

ELEVATION: 444 TDZE: 441

AIRPORT NAME:

BREMERTON NATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19, ORIG

FEB 14 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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GITRE	LOFAL	010	IAF	IF		FB				
	GITRE	GITRE	020		TF		FB	1.0	142.6(163T)	011.6	03400
		GITRE	010	FACF	IF		FB				03400
		WUMOX	020	FAF	TF		FB	0.5	192.9(213T)	006.0	02500
		RW19	030	MAP	TF		FO	0.3	192.8(213T)	006.2	00491

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEBOD	040		DF		FB	1.0			
	CARRO	050		TF		FO	1.0	166.5(187T)		04000
	CARRO	060		HM	R	FO	2.0	047.4(067T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARRO	N471738.07	W1225127.81	N4717.635	W12251.464
	CEBOD	N472448.30	W1225015.58	N4724.805	W12250.260
	GITRE	N474004.63	W1223543.12	N4740.077	W12235.719
	LOFAL	N475105.59	W1224049.86	N4751.093	W12240.831
	WUMOX	N473502.43	W1224031.98	N4735.041	W12240.533
	RW19	N472949.76	W1224529.68	N4729.829	W12245.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW19	00438	53

CITY AND STATE
BREMERTON, WA

ELEVATION: 444 TDZE: 441
 AIRPORT NAME:
BREMERTON NATIONAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19, ORIG
FEB 14 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

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

FEB 14 2008

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE BREMERTON, WA	ELEVATION: 444 TDZE: 444 AIRPORT NAME: BREMERTON NATIONAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 1, AMDT 1A, 08/10/2000	SUP _____ AMDT 1 DATE 9/9/99
--	--	------------------------------------	---	--



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:

RWY 19: STANDARD

RWY 1: 300-1 OR STANDARD WITH MINIMUM CLIMB OF 410 FT PER NM TO 700

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 1: CLIMBING RIGHT TURN TO 6000 DIRECT CAN NDB, THENCE...

RWY 19: CLIMB TO 6000 DIRECT CAN NDB, THENCE...

... CONTINUE CLIMB-IN-HOLD (S, LT, 013.00 INBOUND) TO 6000 BEFORE PROCEEDING ON COURSE

**(3) TAKEOFF OBSTACLE NOTES: RWY 1, MULTIPLE BUSHES 380' FROM DER, 522' LEFT OF CENTERLINE, UP TO 17' AGL/456' MSL, MULTIPLE TREES AND POLES BEGINNING 1210' FROM DER, 622' LEFT OF CENTERLINE, UP TO 100' AGL/561' MSL, MULTIPLE TREES AND BUSHES 1012' FROM DER, 708' RIGHT OF CENTERLINE, UP TO 100' AGL/495' MSL.
RWY 19, MULTIPLE TREES BEGINNING 176' FROM DER, 337' LEFT OF CENTERLINE, UP TO 100' AGL/514' MSL, MULTIPLE TREES BEGINNING 371' FROM DER, 277' RIGHT OF CENTERLINE, UP TO 100' AGL/548' MSL.**

(4) CONTROLLING OBSTACLES:

RWY 1: 599 MSL TREE 473009.89N/1224452.35W, 2395 MSL TOWER 473253.00N/1224827.00W, 7956 MSL AAO 474614.30N/1230736.30W

RWY9: 2395 MSL TOWER 473253.00N/1224827.00W, 7956 MSL AAO 474614.30N/1230736.30W

(5) City, State

BREMERTON, WA

(6) Airport

BREMERTON NATIONAL

(7) Effective Date
FEB 14 2008

(8) Amdt. No.
3



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: RW13R CLIMB TO 6400 DIRECT DUANE AND VIA 117.06 TRACK TO BLAKO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6400. ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.00 INBOUND. CHART FAS OBST: 528 BLDG 473351N/1221828W CHART 1071 ANT 473617N/1221951W. CHART 578 TWR 473455N/1222146W. CHART VDP AT 1.98 MILES TO RW13R. FISEN TO RW13R: 3.40/50.							
PAE VOR/DME		ZUVEN (FB)		198.43 / 9.20		4000									
ZUVEN (IAF)		BOENG (FB)		179.49 / 9.03		2900									
LOFAL (IAF)		BOENG (FB)		126.85 / 13.87		2900									
BOENG (IF)		FISEN (FB)		101.10 / 6.00		1700									
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT BOENG 3. FAC: <u>130.15</u> FAF: <u>FISEN</u> DIST FAF TO MAP: <u>4.54</u> THLD: <u>4.54</u> 4. MIN. ALT: <u>BOENG 2900, FISEN 1700, ZAGRO/3.40 NM TO RW13R 1280</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: <u>34:1</u> IS NOT CLEAR 8. MSA FROM: <u>RW13R 6200</u>								MAG VAR: 20E EPOCH YEAR: 1990							
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A				STANDARD @							
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	720	5000	703	720	5000	703	720	2	703	720	2 1/4	703			
CIRCLING	780	1	759	840	1 1/4	819	900	2 3/4	879	960	3	939			
NOTES: CHART NOTE: CIRCLING TO RWY 13L/31R NA AT NIGHT. @ CAT B 900-2, CAT C 900-2 3/4, CAT D 1000-3 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE SEATTLE, WA				ELEVATION: 21 TDZE: 17 AIRPORT NAME: BOEING FIELD/KING COUNTY INTL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 13R, ORIG-B FEB 14 2008				SUP: RNAV (GPS) RWY 13R AMDT: ORIG-A DATED 12/21/2006			



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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PAE VOR/DME VIA AIRWAY RADIALS 163 CW 236.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOFAL VIA V4-495 NORTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE

SEATTLE, WA

ELEVATION: 21 TDZE: 17

AIRPORT NAME:

BOEING FIELD/KING COUNTY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 13R, ORIG-B

FEB 14 2008

SUP: **RNAV (GPS) RWY
13R**AMDT: **ORIG-A**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 PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	PAE	K1011060VDLW	N47551140W122164020	N47551210W122164180E020000674	NARPAINE	I							

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	BLAKO K10	C	L	N47193577W122040528	E0172	NAR	BLAKO	I					
SUSAEENRT	BOENG K10	W		N47392837W122293672	E0172	NAR	BOENG	I					
SUSAEENRT	DUANE K10	C		N47264694W122135491	E0172	NAR	DUANE	I					
SUSAEENRT	FISEN K10	W		N47362229W122220115	E0172	NAR	FISEN	I					
SUSAEENRT	LOFAL K10	C	L	N47510559W122404986	E0172	NAR	LOFAL	I					
SUSAEENRT	ZAGRO K10	W		N47352284W122211071	E0172	NAR	ZAGRO	I					
SUSAEENRT	ZUVEN K10	W		N47475888W122250926	E0172	NAR	ZUVEN	I					

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KBFIK1ABFI	0	100YHN47314800W122180710E020000021	1800018000C	MNAR	BOEING FIELD/KING COUNTY INTL	I						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KBFIK1FR13RY	A	LOFAL	010LOFALK1EAOE	A	IF				18000		B JS	I
SUSAP	KBFIK1FR13RY	A	LOFAL	020BOENGK1EAOEE	010TF		12690139	+ 02900				B JS	I
SUSAP	KBFIK1FR13RY	A	PAE	010PAE K1D 0V	IF					18000		B JS	I
SUSAP	KBFIK1FR13RY	A	PAE	020ZUVENK1EAOE	A 020TF		19840092	+ 04000				B JS	I
SUSAP	KBFIK1FR13RY	A	PAE	030BOENGK1EAOEE	010TF		17950090	+ 02900				B JS	I
SUSAP	KBFIK1FR13RY	R		010BOENGK1EAOE	I IF			+ 02900		18000		B JS	I
SUSAP	KBFIK1FR13RY	R		020FISENK1EAE	F 051TF		10110060	+ 01700			RW13R K1PGB	JS	I
SUSAP	KBFIK1FR13RY	R		020FISENK1EA2WN		N	ALNAV					JS	I
SUSAP	KBFIK1FR13RY	R		021ZAGROK1EAOE	S 031TF		13020011	V 0128001291		-336		B JS	I
SUSAP	KBFIK1FR13RY	R		030RW13RK1PGOGY	M 031TF		13020034	00067		-336		B JS	I
SUSAP	KBFIK1FR13RY	R		040DUANEK1EAOE	M 010DF							B JS	I
SUSAP	KBFIK1FR13RY	R		050BLAKOK1EAOEY	010TF		1171	+ 06400				B JS	I
SUSAP	KBFIK1FR13RY	R		060BLAKOK1EAOEE	HR020HM		28300050	+ 06400				B JS	I

CITY AND STATE SEATTLE, WA	ELEVATION: 21	TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 13R, ORIG-B FEB 14 2008	SUP: RNAV (GPS) RWY 13R
	AIRPORT NAME: BOEING FIELD/KING COUNTY INTL				AMD'T: ORIG-A
					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.

RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KBFIK1GRW13R 0100001302 N47322595W122184088+0000 -0018100017000050200R I

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

SUSAP KBFIK1SRW13RK1PG 0 18018006225 M I

CITY AND STATE

SEATTLE, WA

ELEVATION: 21

TDZE: 17

AIRPORT NAME:

BOEING FIELD/KING COUNTY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 13R, ORIG-B

FEB 14 2008

SUP: RNAV (GPS) RWY
13R

AMDT: ORIG-A

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
	LOFAL	LOFAL	010	IAF	IF		FB				
	LOFAL	BOENG	020		TF		FB	1.0	126.9 (147T)	013.9	02900
	PAE	PAE	010		IF		FB				
	PAE	ZUVEN	020	IAF	TF		FB	2.0	198.4 (218T)	009.2	04000
	PAE	BOENG	030		TF		FB	1.0	179.5 (200T)	009.0	02900
		BOENG	010	FACF	IF		FB				02900
		FISEN	020	FAF	TF		FB	0.5	101.1 (121T)	006.0	01700
		ZAGRO	021	SDF	TF		FB	0.3	130.2 (150T)	001.1	01280
		RW13R	030	MAP	TF		FO	0.3	130.2 (150T)	003.4	00067

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DUANE	040		DF		FB	1.0			
	BLAKO	050		TF		FO	1.0	117.1 (137T)		06400
	BLAKO	060		HM	R	FO	2.0	283.0 (303T)	005.0	06400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PAE	N475511.40	W1221640.20	N4755.190	W12216.670
	BLAKO	N471935.77	W1220405.28	N4719.596	W12204.088
	BOENG	N473928.37	W1222936.72	N4739.473	W12229.612
	DUANE	N472646.94	W1221354.91	N4726.782	W12213.915
	FISEN	N473622.29	W1222201.15	N4736.372	W12222.019
	LOFAL	N475105.59	W1224049.86	N4751.093	W12240.831
	ZAGRO	N473522.84	W1222110.71	N4735.381	W12221.179
	ZUVEN	N474758.88	W1222509.26	N4747.981	W12225.154
	RW13R	N473225.95	W1221840.88	N4732.433	W12218.681

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW13R	00017	50	

CITY AND STATE SEATTLE, WA	ELEVATION: 21 TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 13R, ORIG-B FEB 14 2008	SUP: RNAV (GPS) RWY 13R
	AIRPORT NAME: BOEING FIELD/KING COUNTY INTL			AMDT: ORIG-A
				DATED: 12/21/2006



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	LNAV: RW19 CLIMB TO 3200 DIRECT HERRB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 010.33 INBOUND. CHART FAS OBST: 1379 TREES 452900N/0914615W. CHART VDP AT 1.55 MILES TO RW19. TISME TO RW19: 3.05/38.	
ALEEN	FEMER (FB)	095.36 / 16.76	3200		
LAYVU	HOMLO (FB)	268.26 / 22.67	3200		
FEMER (IAF)	ORBEW (NOPT) (FB)	100.33 / 5.00	3200		
HOMLO (IAF)	ORBEW (NOPT) (FB)	283.18 / 11.13	3200		
ORBEW (IF/IAF)	TISME (FB)	190.41 / 6.32	2900		

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. HOLD N ORBEW, RT, 190.41 INBOUND, 3200 FT. IN LIEU OF PT (IAF)	
3. FAC: 190.39 FAF: TISME	DIST FAF TO MAP: 5.42 THLD: 5.42
4. MIN. ALT: ORBEW 3200, TISME 2900, WANSO/3.50 NM TO RW19 2260	
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: RW19 3200	MAG VAR: 1E 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	1640	1	531	1640	1	531	1640	1 1/2	531	1640	1 3/4	531			
CIRCLING	1640	1	531	1640	1	531	1700	1 1/2	591	1740	2	631			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LAYVU VIA V413 NORTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALEEN VIA V55 NORTHWEST BOUND, V148 SOUTHWEST BOUND.
 SEE 8260-10

CITY AND STATE RICE LAKE, WI	ELEVATION: 1109 TDZE: 1109 AIRPORT NAME: RICE LAKE REGIONAL - CARL'S FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 2 FEB 14 2008	SUP: AMDT: 1 DATED 10/27/2005
--	--	---	---	-------------------------------------

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHIPPEWA VALLEY REGIONAL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET, INCREASE LNAV CAT C/D VISIBILITY 1/4 MILE AND CIRCLING

CAT C/D VISIBILITY 1/2 MILE.

CHART PROFILE NOTE: VDP NA WHEN USING CHIPPEWA VALLEY REGIONAL ALTIMETER SETTING.

CITY AND STATE

RICE LAKE, WI

ELEVATION: 1109 TDZE: 1109

AIRPORT NAME:

RICE LAKE REGIONAL - CARL'S FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO / AMDT NO / EFFECTIVE DATE:

RNAV (GPS) RWY 19, AMDT 2

FEB 14 2008

SUP:

AMDT: 1

DATED: 10/27/2005

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KRPDK5FP19	AALLEN	010ALEENK5EA0E	IF					18000			G	S
SUSAP	KRPDK5FP19	AALLEN	020FEMERK5EA0E	A 020TF		09540168		+ 03200				G	S
SUSAP	KRPDK5FP19	AALLEN	030ORBEWK5EA0EE	010TF		10030050		+ 03200				G	S
SUSAP	KRPDK5FP19	ALAYVU	010LAYVUK5EA0E	IF					18000			G	S
SUSAP	KRPDK5FP19	ALAYVU	020HOMLOK5EA0E	A 020TF		26830227		+ 03200				G	S
SUSAP	KRPDK5FP19	ALAYVU	030ORBEWK5EA0EE	010TF		28320111		+ 03200				G	S
SUSAP	KRPDK5FP19	AORBEW	010ORBEWK5EA0EE	CR HF		19040040		+ 03200	18000			G	S
SUSAP	KRPDK5FP19	P	010ORBEWK5EA0E	I IF				+ 03200	18000			G	S
SUSAP	KRPDK5FP19	P	020TISMEK5EA0E	F 051TF		19040063		+ 02900			RW19	K5PGG	S
SUSAP	KRPDK5FP19	P	021WANSOK5EA0E	S 031TF		19040019		V 0226002292		-305		G	S
SUSAP	KRPDK5FP19	P	030RW19	K5PG0GY M 031TF		19040035		01147		-305		G	S
SUSAP	KRPDK5FP19	P	040	0 M 010CA		1904		+ 01509				G	S
SUSAP	KRPDK5FP19	P	050HERRBK5EA0EY	010DF				+ 03200				G	S
SUSAP	KRPDK5FP19	P	060HERRBK5EA0EE	HR020HM		01030040		+ 03200				G	S

[illegible]

CITY AND STATE RICE LAKE, WI	ELEVATION: 1109 TDZE: 1109 AIRPORT NAME: RICE LAKE REGIONAL - CARL'S FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 2 FEB 14 2008	SUP:
				AMDT: 1
				DATED: 10/27/2005

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]

SUP:	
AMDT:	1
DATED:	10/27/2005

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ALEEN	ALEEN	010		IF		FB				
	ALEEN	FEMER	020	IAF	TF		FB	2.0	095.4(096T)	016.8	03200
	ALEEN	ORBEW	030		TF		FB	1.0	100.3(101T)	005.0	03200
	LAYVU	LAYVU	010		IF		FB				
	LAYVU	HOMLO	020	IAF	TF		FB	2.0	268.3(269T)	022.7	03200
	LAYVU	ORBEW	030		TF		FB	1.0	283.2(284T)	011.1	03200
	ORBEW	ORBEW	010		HF	R	FB		190.4(191T)	004.0	03200
		ORBEW	010	FACF	IF		FB				03200
		TISME	020	FAF	TF		FB	0.5	190.4(191T)	006.3	02900
		WANSO	021	SDF	TF		FB	0.3	190.4(191T)	001.9	02260
		RW19	030	MAP	TF		FO	0.3	190.4(191T)	003.5	01147

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	190.4(191T)		01509
	HERRB	050		DF		FO	1.0			03200
	HERRB	060		HM	R	FO	2.0	010.3(011T)	004.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALEEN	N454018.41	W0921339.69	N4540.307	W09213.662
	FEMER	N453824.53	W0914955.17	N4538.409	W09149.920
	HERRB	N451303.62	W0914953.43	N4513.060	W09149.891
	HOMLO	N453442.84	W0912733.15	N4534.714	W09127.553
	LAYVU	N453504.85	W0905516.41	N4535.081	W09055.274
	ORBEW	N453725.41	W0914256.04	N4537.424	W09142.934
	TISME	N453113.98	W0914442.66	N4531.233	W09144.711
	WANSO	N452921.12	W0914514.98	N4529.352	W09145.250
	RW19	N452555.28	W0914613.83	N4525.921	W09146.231

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW19	01109	38	

CITY AND STATE
RICE LAKE, WI

ELEVATION: 1109 TDZE: 1109
 AIRPORT NAME:
 RICE LAKE REGIONAL - CARL'S FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 19, AMDT 2
 FEB 14 2008

SUP:
 AMDT: 1
 DATED: 10/27/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EDGRR	DEKNE (FB)	003.95 / 6.69	3600
WITEN	FALET (FO)	302.18 / 26.70	3600
ZUPIG	GELDE (FB)	253.31 / 11.71	3600
DEKNE (IAF)	FALET (NOPT) (FB)	032.82 / 5.00	3600
GELDE (IAF)	FALET (NOPT) (FB)	212.92 / 5.00	3600
FALET (IF/IAF)	HAKMO (FB)	122.87 / 6.20	3000

MISSED APPROACH

LNAV: RW12
CLIMB TO 3000 DIRECT AVOKE AND VIA 119.87 TRACK TO WITEN AND HOLD.
ADDITIONAL FLIGHT DATA: HOLD SE, RT, 302.18 INBOUND. CHART FAS OBST: 1629 TOWER 445828N/0894012W HAKMO TO RWY12: 3.05/39 1619 AAO 445817N/0894132W

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW FALET, RT, 122.87 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
- FAC: 122.95 FAF: HAKMO DIST FAF TO MAP: 5.46 THLD: 5.46
- MIN. ALT: FALET 3600, HAKMO 3000, JALER/3.00 NM TO RW12 2200
- 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: RW12 3600

MAG VAR: 1E

EPOCH YEAR: 1980

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		#	STANDARD					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1660	1	465	1660	1	465	1660	1 1/4	465	1660	1 1/2	465			
CIRCLING	1840	1	639	1840	1	639	1840	1 3/4	639	1840	2	639			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: CIRCLING NA SOUTHWEST OF RWY 12-30.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSINEE ALTIMETER SETTING AND INCREASE
SEE 8260-10

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE WAUSAU, WI	ELEVATION: 1201 TDZE: 1195 AIRPORT NAME: WAUSAU DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, ORIG FEB 14 2008	SUP: AMD T: NONE DATED
-------------------------------------	---	-------------------------------------	---	-------------------------------------



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

ALL MDAS 40 FEET AND LNAV VISIBILITY CAT C 1/4 MILE, AND CIRCLING VISIBILITY CATS C AND D 1/4 MILE.

CITY AND STATE

WAUSAU, WI

ELEVATION: 1201 TDZE: 1195

AIRPORT NAME:

WAUSAU DOWNTOWN

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, ORIG

FEB 14 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]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KAUWK5FP12	AEDGRR	010EDGRRK5EA0E		IF					18000		G	S
SUSAP	KAUWK5FP12	AEDGRR	020DEKNEK5EA0E	A	020TF		00400067	+	03600	-		G	S
SUSAP	KAUWK5FP12	AEDGRR	030FALETK5EA0EE		010TF		03280050	+	03600			G	S
SUSAP	KAUWK5FP12	AWITEN	010WITENK5EA0EY		IF					18000		G	S
SUSAP	KAUWK5FP12	AWITEN	020FALETK5EA0E	A	020TF		30220267	+	03600			G	S
SUSAP	KAUWK5FP12	AWITEN	030FALETK5EA0EE	CR	HF		12290040	+	03600			G	S
SUSAP	KAUWK5FP12	AZUPIG	010ZUPIGK5EA0E		IF					18000		G	S
SUSAP	KAUWK5FP12	AZUPIG	020GELDEK5EA0E	A	020TF		25330117	+	03600			G	S
SUSAP	KAUWK5FP12	AZUPIG	030FALETK5EA0EE		010TF		21290050	+	03600			G	S
SUSAP	KAUWK5FP12	P	010FALETK5EA0E	I	IF			+	03600	18000		G	S
SUSAP	KAUWK5FP12	P	020HAKMOK5EA0E	F	051TF		12290062	+	03000		RW12	K5PGG	S
SUSAP	KAUWK5FP12	P	021JALERK5EA0E	S	031TF		12290025	V	0220002214	-305		G	S
SUSAP	KAUWK5FP12	P	030RW12	K5PGOGY	M	031TF	12290030		01234	-305		G	S
SUSAP	KAUWK5FP12	P	040		0	M	010CA	1229	+	01601		G	S
SUSAP	KAUWK5FP12	P	050AVOKEK5EA0E		010DF							G	S
SUSAP	KAUWK5FP12	P	060WITENK5EA0EY		010DF		1199	+	03000			G	S
SUSAP	KAUWK5FP12	P	070WITENK5EA0EE	HR	020HM		30220040	+	03000			G	S

CITY AND STATE WAUSAU, WI	ELEVATION: 1201 TDZE: 1195 AIRPORT NAME: WAUSAU DOWNTOWN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 12, ORIG FEB 14 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]

CITY AND STATE
WAUSAU, WI

ELEVATION: 1201 TDZE: 1195
AIRPORT NAME:
WAUSAU DOWNTOWN

FACILITY IDENTIFIER:	RNAV
----------------------	------

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 12, ORIG
FEB 14 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
	EDGRR	EDGRR	010		IF		FB				
	EDGRR	DEKNE	020	IAF	TF		FB	2.0	004.0(005T)	006.7	03600
	EDGRR	FALET	030		TF		FB	1.0	032.8(034T)	005.0	03600
	WITEN	WITEN	010		IF		FO				
	WITEN	FALET	020	IAF	TF		FB	2.0	302.2(303T)	026.7	03600
	WITEN	FALET	030		HF	R	FB		122.9(124T)	004.0	03600
	ZUPIG	ZUPIG	010		IF		FB				
	ZUPIG	GELDE	020	IAF	TF		FB	2.0	253.3(254T)	011.7	03600
	ZUPIG	FALET	030		TF		FB	1.0	212.9(214T)	005.0	03600
		FALET	010	FACF	IF		FB				03600
		HAKMO	020	FAF	TF		FB	0.5	122.9(124T)	006.2	03000
		JALER	021	SDF	TF		FB	0.3	122.9(124T)	002.5	02200
		RW12	030	MAP	TF		FO	0.3	122.9(124T)	003.0	01234

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	122.9(124T)		01601
	AVOKE	050		DF		FB	1.0			
	WITEN	060		TF		FO	1.0	119.9(121T)		03000
	WITEN	070		HM	R	FO	2.0	302.2(303T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVOKE	N445217.97	W0893059.74	N4452.300	W08930.996
	DEKNE	N445811.69	W0895554.32	N4458.195	W08955.905
	EDGRR	N445131.87	W0895643.06	N4451.531	W08956.718
	FALET	N450220.82	W0895158.82	N4502.347	W08951.980
	GELDE	N450629.81	W0894802.75	N4506.497	W08948.046
	HAKMO	N445853.22	W0894443.50	N4458.887	W08944.725
	JALER	N445730.83	W0894151.24	N4457.514	W08941.854
	WITEN	N444748.53	W0892027.96	N4447.809	W08920.466
	ZUPIG	N450940.89	W0893207.96	N4509.682	W08932.133
	RW12	N445550.16	W0893821.16	N4455.836	W08938.353

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW12	01195		39

CITY AND STATE

WAUSAU, WI

ELEVATION: 1201 TDZE: 1195

AIRPORT NAME:

WAUSAU DOWNTOWN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 12, ORIG

FEB 14 2008

SUP:

AMDT: NONE

DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: ADDITIONAL FLIGHT DATA:											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____					MAG VAR: _____ EPOCH YEAR: _____										
MINIMUMS															
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A									
CATEGORY $\Rightarrow$	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
NOTES: PROCEDURE CANCELLED EFFECTIVE <u>FEB 14 2008</u>															
CITY AND STATE WAUSAU, WI		ELEVATION: 1201		TDZE: 1195		FACILITY IDENTIFIER: AUW		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: VOR/DME OR GPS RWY 12, AMDT 3, 06/04/87				SUP			
		AIRPORT NAME: WAUSAU DOWNTOWN		AMDT 2											
				DATE 02/13/86											



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 4, 22 STANDARD.

RWY 17, 300 - 2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 232 FEET PER NM TO 1500.

RWY 35, STANDARD WITH MINIMUM CLIMB OF 350 FEET PER NM TO 3000, OR 1700-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 4 - CLIMB HEADING 035.81 TO 2200 BEFORE PROCEEDING ON COURSE.

RWY 17 - CLIMB HEADING 169.07 TO 1800 BEFORE TURNING RIGHT.

RWY 22 - CLIMB HEADING 215.81 TO 1800 BEFORE TURNING RIGHT.

RWY 35 - CLIMB HEADING 349.07 TO 3000 BEFORE TURNING LEFT, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS LYNCHBURG RGNL/PRESTON GLENN FLD AT OR ABOVE 2500 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, TREES BEGINNING 2029' FROM DER, 62' RIGHT OF CENTERLINE UP TO 81' AGL / 999' MSL. TREES BEGINNING 1422' FROM DER, 3' LEFT OF CENTERLINE UP TO 76' AGL / 995' MSL. POLES BEGINNING 427' FROM DER, 483' RIGHT OF CENTERLINE UP TO 44' AGL / 1044' MSL. OBSTRUCTION LIGHTS ON FENCE BEGINNING 2' FROM DER, 500' RIGHT OF CENTERLINE UP TO 30' AGL / 948' MSL. ANTENNA ON BUILDING 395' FROM DER, 277' RIGHT OF CENTERLINE 15' AGL / 954' MSL. LIGHT 606' FROM DER, 599' RIGHT OF CENTERLINE, 18' AGL / 982 MSL. BUILDING 400' FROM DER, 345' RIGHT OF CENTERLINE, 12' AGL / 951 MSL.

(4) CONTROLLING OBSTACLES:

RWY 4, 22, 35: 4425 MSL AAO 373104.70N-0793038.20W

RWY 17, 1188 MSL OL ON POLE 371804.94N-0791108.45W, 1195 MSL TREE 371757.18N-0791044.94W, 4425 MSL AAO 373104.70N-0793038.20W

VCOA: 4425 MSL AAO 373104.70N-0793038.20W

(5) City, State

LYNCHBURG, VA

(6) Airport

LYNCHBURG RGNL/PRESTON GLENN FLD

(7) Effective Date

MAR 13 2008

(8) Amdt. No.

8

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 17, TREES BEGINNING 284' FROM DER, 77' LEFT OF CENTERLINE UP TO 277' AGL / 1195' MSL. TREES BEGINNING 265' FROM DER, 178' RIGHT OF CENTERLINE UP TO 57' AGL / 969' MSL. OBSTRUCTION LIGHT ON POLE 9326' FROM DER 333' LEFT OF CENTERLINE, 270' AGL / 1188 MSL.

NOTE: RWY 22, TREES BEGINNING 274' FROM DER, 245' RIGHT OF CENTERLINE UP TO 41' AGL / 979' MSL. TREES BEGINNING 2616' FROM DER, 206' LEFT OF CENTERLINE UP TO 41' AGL / 979' MSL. POLES BEGINNING 2872' FROM DER, 603' RIGHT OF CENTERLINE UP TO 44' AGL / 982' MSL.

NOTE: RWY 35, TREES BEGINNING 2955' FROM DER, 140' RIGHT OF CENTERLINE UP TO 96' AGL / 1014' MSL. TREES BEGINNING 722' FROM DER, 71' LEFT OF CENTERLINE UP TO 119' AGL / 1037' MSL. POLE 36' FROM DER 98' LEFT OF CENTERLINE, 25' AGL / 943 MSL.

City, State LYNCHBURG, VA		Airport LYNCHBURG RGNL/PRESTON GLENN FLD			Effective Date MAR 13 2008	Amdt. No. 8
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	