

U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 10-09

March 19, 2010

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJR-321
(AVAILABLE ON THE WEB AT [HTTP://NFDC.FAA.GOV](http://NFDC.FAA.GOV))**

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

**The following are corrected copies of procedures previously published in Transmittal
Letter 10-08:**

Hammond, LA, Hammond Northshore Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 13, 18, 31, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 31: CLIMB HEADING 311.51 TO 700 BEFORE TURNING LEFT.

This is a corrected copy of a procedure published in TL 10-08.

*** Page 2 of this procedure was inadvertently omitted. ***

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TREES BEGINNING 1260' FROM DER, 125' LEFT OF CENTERLINE, UP TO 119' AGL/163' MSL. TREES BEGINNING 1314' FROM DER, 186' RIGHT OF CENTERLINE, UP TO 124' AGL/168' MSL. NOTE: RWY 18, ANTENNA ON BUILDING 844' FROM DER, 239' RIGHT OF CENTERLINE, 22' AGL/66' MSL. OBSTRUCTION LIGHT ON POLE 1020' FROM DER, 141' RIGHT OF CENTERLINE, 23' AGL/67' MSL. TREES BEGINNING 1556' FROM DER, 430' LEFT OF CENTERLINE, UP TO 92' AGL/136' MSL. TREES BEGINNING 1747' FROM DER, 64' RIGHT OF CENTERLINE, UP TO 110' AGL/149' MSL. NOTE: RWY 31, TREES BEGINNING 216' FROM DER, 13' LEFT OF CENTERLINE, UP TO 109' AGL/158' MSL. TREES BEGINNING 566' FROM DER, 386' RIGHT OF CENTERLINE, UP TO 100' AGL/154' MSL. NOTE: RWY 36, TREE 3072' FROM DER, 879' LEFT OF CENTERLINE, (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 31: 607 MSL TOWER 303230.00N/0902903.00W



(5) City, State HAMMOND, LA	(6) Airport HAMMOND NORTSHORE RGNL	(7) Effective Date 08 APR 2010	(8) Amdt. No. 1
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
DEPARTURE PROCEDURE (CONTINUATION) FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL.
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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)

73' AGL/127' MSL. TREE 3585' FROM DER, 1407' RIGHT OF CENTERLINE, 102' AGL/151' MSL.



City, State HAMMOND, LA		Airport HAMMOND NORTSHORE RGNL		Effective Date 08 APR 2010	Amdt. No. 1
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30716 Amdt. No 3366]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

Federal Register as of [INSERT ² DATE OF PUBLICATION IN THE
FEDERAL REGISTER].

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

For Examination-

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

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

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

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

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

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

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 19, 2010.

A handwritten signature in cursive script that reads "John M. Allen".

John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and/or Takeoff Minimums and/or Obstacle Departure Procedures effective at 0902 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 8 APR 2010

Clinton, MD, Washington Executive/Hyde Field, VOR/DME RWY 5, Orig, CANCELLED

Effective 6 MAY 2010

West Palm Beach, FL, Palm Beach Intl, RNAV (RNP) Z RWY 10L, Orig-A
West Palm Beach, FL, Palm Beach Intl, RNAV (RNP) Z RWY 14, Orig-A
West Palm Beach, FL, Palm Beach Intl, RNAV (RNP) Z RWY 28R, Orig-A
West Palm Beach, FL, Palm Beach Intl, RNAV (RNP) Z RWY 32, Orig-A
Clinton, IA, Clinton Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Guthrie Center, IA, Guthrie County Rgnl, Takeoff Minimums and Obstacle DP, Orig
Red Oak, IA, Red Oak Muni, NDB RWY 17, Amdt 9
Flora, IL, Flora Muni, RNAV (GPS) RWY 21, Amdt 1A
Mattoon/Charleston, IL, Coles County Memorial, ILS OR LOC RWY 29, Amdt 6A
Mount Carmel, IL, Mount Carmel Muni, NDB OR GPS RWY 4, Amdt 5, CANCELLED
Mount Carmel, IL, Mount Carmel Muni, VOR RWY 22, Amdt 10
Leonardtown, MD, St. Mary's County Rgnl, VOR OR GPS RWY 29, Amdt 6A, CANCELLED
Flint, MI, Bishop Intl, ILS OR LOC RWY 9, Amdt 22A
Flint, MI, Bishop Intl, ILS OR LOC RWY 27, Amdt 5
Sparta, MI, Paul C. Miller-Sparta, Takeoff Minimums and Obstacle DP, Amdt 2
Alexandria, MN, Chandler Field, RNAV (GPS) RWY 22, Orig
Bemidji, MN, Bemidji Rgnl, RNAV (GPS) RWY 25, Orig
Granite Falls, MN, Granite Falls Muni/Lenzen-Roe Meml Fld, Takeoff Minimums and Obstacle DP, Orig
Long Prairie, MN, Todd Field, RNAV (GPS) RWY 34, Amdt 1
Minneapolis, MN, Anoka County-Blaine Arpt (Janes Field), Takeoff Minimums and Obstacle DP, Amdt 5A
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 17, Amdt 2
Ainsworth, NE, Ainsworth Muni, RNAV (GPS) RWY 35, Amdt 2
Newark, NJ, Newark Liberty Intl, ILS OR LOC RWY 22L; ILS RWY 22L (CAT II), Amdt 12
Ashland, OH, Ashland County, Takeoff Minimums and Obstacle DP, Amdt 3
Loris, SC, Twin City, Takeoff Minimums and Obstacle DP, Orig
Bridgewater, VA, Bridgewater Airpark, Takeoff Minimums and Obstacle DP, Amdt 2

Effective 3 JUN 2010

Talkeetna, AK, Talkeetna, GPS RWY 36, Orig, CANCELLED
Talkeetna, AK, Talkeetna, NDB RWY 36, Amdt 2
Talkeetna, AK, Talkeetna, RNAV (GPS) RWY 36, Orig
Talkeetna, AK, Talkeetna, Takeoff Minimums and Obstacle DP, Amdt 2

Talkeetna, AK, Talkeetna, VOR-A, Amdt 10
Talkeetna, AK, Talkeetna, VOR/DME RWY 36, Amdt 2
Palmdale, CA, Palmdale Rgnl/USAF Plant 42, Takeoff Minimums and Obstacle DP, Amdt 2
Panama City, FL, Panama City-Bay County Intl, ILS RWY 14, Amdt 16, CANCELLED
Panama City, FL, Panama City-Bay County Intl, NDB RWY 14, Amdt 5, CANCELLED
Panama City, FL, Panama City-Bay County Intl, RNAV (GPS) RWY 5, ORIG-A, CANCELLED
Panama City, FL, Panama City-Bay County Intl, RNAV (GPS) RWY 14, Amdt 1, CANCELLED
Panama City, FL, Panama City-Bay County Intl, RNAV (GPS) RWY 23, Orig, CANCELLED
Panama City, FL, Panama City-Bay County Intl, RNAV (GPS) RWY 32, Amdt 1, CANCELLED
Panama City, FL, Panama City-Bay County Intl, Takeoff Minimums and Obstacle DP, Amdt 1, CANCELLED
Panama City, FL, Panama City-Bay County Intl, VOR OR TACAN RWY 14, Amdt 16, CANCELLED
Panama City, FL, Panama City-Bay County Intl, VOR OR TACAN RWY 32, Amdt 11, CANCELLED
Panama City, FL, Panama City-Bay County Intl, VOR OR TACAN-A, Amdt 14, CANCELLED
Moultrie, GA, Moultrie Muni, NDB-A, Orig-A
Ames, IA, Ames Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Chicago/Romeoville, IL, Lewis University, Takeoff Minimums and Obstacle DP, Amdt 1
Goshen, IN, Goshen Muni, VOR RWY 27, Amdt 7A
Hettinger, ND, Hettinger Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Reno, NV, Reno/Tahoe Intl, LOC/DME BC RWY 34L, Amdt 1C, CANCELLED
Fostoria, OH, Fostoria Metropolitan, Takeoff Minimums and Obstacle DP, Amdt 1
Kutztown, PA, Kutztown, RNAV (GPS)-A, Orig, CANCELLED
Kutztown, PA, Kutztown, Takeoff Minimums and Obstacle DP, Orig, CANCELLED
Kutztown, PA, Kutztown, VOR-B, Amdt 1B, CANCELLED
Blanding, UT, Blanding Muni, RNAV (GPS) RWY 35, Amdt 1
Brigham City, UT, Brigham City, NDB-A, Amdt 1
Brigham City, UT, Brigham City, RNAV (GPS) RWY 35, Amdt 1
Brigham City, UT, Brigham City, Takeoff Minimums and Obstacle DP, Amdt 6
Danville, VA, Danville Rgnl, GPS RWY 20, Orig-A, CANCELLED
Danville, VA, Danville Rgnl, RNAV (GPS) RWY 2, Orig
Danville, VA, Danville Rgnl, RNAV (GPS) RWY 20, Orig
Farmville, VA, Farmville Rgnl, GPS RWY 21, Orig, CANCELLED
Farmville, VA, Farmville Rgnl, NDB RWY 3, Amdt 6
Farmville, VA, Farmville Rgnl, RNAV (GPS) RWY 3, Orig
Farmville, VA, Farmville Rgnl, RNAV (GPS) RWY 21, Orig

Manitowish Waters, WI, Manitowish Waters, Takeoff Minimums and Obstacle DP, Orig
Casper, WY, Casper/Natrona County Intl, VOR/DME RWY 3, Amdt 5
Rock Springs, WY, Rock Springs-Sweetwater County, VOR-B, Amdt 4A, CANCELLED

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

ADDITIONAL FLIGHT DATA:

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

MAG VAR: ____ EPOCH YEAR: ____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 08 APR 2010

**QUALITY
CHECKED**

CITY AND STATE CLINTON, MD	ELEVATION: 249 TDZE: 249 AIRPORT NAME: WASHINGTON EXECUTIVE/HYDE FLD	FACILITY IDENTIFIER: ADW	PROCEDURE NO./AMD NO./EFFECTIVE DATE: VOR/DME RWY 5, ORIG, 06/10/2004	SUP AMD NONE DATE
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U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH												
FROM	TO	COURSE AND DISTANCE	ALTITUDE													
FRWAY (IAF)	ENDUW (TF) (FB) (RNP1.00)	223.68/5.00	5000	MAP: DA												
ENDUW	SANZZ (TF) (FB) (RNP 1.00)	223.83/6.02	4000													
SANZZ (IF)	JAYED (TF) (FB) (RNP 0.50)	263.21/4.67	4000	CLIMB TO 2000 ON TRACK 098.75 TO JUTAS AND RIGHT TURN TO ODKEY AND ON TRACK 249.05 TO UGLEE AND HOLD.												
JAYED	SHDEE (TF) (FB) (RNP 0.50)	258.75/2.00	4000													
SHDEE	ZISUR (RF) (FB) (RNP 0.50)	(2.80 NM RADIUS CCW UBMEF) 7.82	2000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 095.73 INBOUND CHART FAS OBST: 59 LT POLE 264064N/0800644W DISTANCE TO THLD FROM 304 HAT: 0.74 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S # TCH 67.2 MSL (DO NOT CHART) CHART MANDATORY ALTITUDE: 5,000 AT ENDUW, FRWAY AND GULLO, 4,000 AT SANZZ.												
GULLO (IAF)	WILBA (TF) (FB) (RNP 1.00)	099.41/8.10	3600													
WILBA (IF)	ZISUR (TF) (FB) (RNP 1.00)	098.68/6.00	2000													
CONTINUED ON PAGE 2																
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)				MAG VAR: 6W EPOCH YEAR: 2010												
2. PROFILE STARTS AT ZISUR																
3. FAC: <u>098.73</u> FAF: <u> </u> DIST FAF TO MAP: <u> </u> THLD: <u> </u>																
4. MIN. ALT: <u> </u>																
5. DIST TO THLD FROM OM: <u>5.97</u> MM: <u> </u> IM: <u>150</u> HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>																
6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>ZISUR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>																
7. GS ANGLE: <u>3.00</u> TCH: <u>47.9#</u> 34:1 IS CLEAR																
8. MSA FROM: <u>RW10L 2600</u>																
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
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED																
RNP 0.11 DA		304	2400	285	304	2400	285	304	2400	285	304	2400	285			
RNP 0.30 DA		397	4000	378	397	4000	378	397	4000	378	397	4000	378			
NOTES: CHART NOTES: RF AND GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 30 (38F) OR A ABOVE 48C (120F). CHART PLANVIEW NOTE AT SHDEE: MAX 180 KIAS. CHART PLANVIEW NOTE AT FRWAY: (RNP 0.50). CHART PROFILE NOTES: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.11 ALL CATS VISIBILITY TO RVR 5000 AND RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.																
CITY AND STATE		ELEVATION: 19 TDZE: 19		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 06 MAY 2010				SUP: 06 MAY 2010		AMDT: ORIG				
WEST PALM BEACH, FL		PALM BEACH INTL		RNAV		RNAV (RNP) Z RWY 10L, ORIG-A				DATE 2/11/2010						

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES (CONTINUED FROM PAGE 1)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
ZISUR (FAF)	RW10L (TF) (FO)	098.73/5.97	
RW10L (MAP)	JUTAS (TF) (FB) (RNP 1.00)	098.75/6.35	
JUTAS	ODKEY (RF) (FB) (RNP 1.00)	(4.50 NM RADIUS CW UHCOJ)/11.80	
ODKEY	UGLEE (TF) (FO) (RNP 1.00)	249.05/8.97	2000

QUALITY
4
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION:

19 TDZE:

19

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

06 MAY 2010

RNAV (RNP) Z RWY 10L, ORIG-A

SUP:

AMDT:

ORIG

DATED:

02/11/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICES - FAR PART 97.33	Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.
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ARINC PACKET - 424-18 - RNAV (RNP)

1 2 3 4 5 6 7 8 9 10 11 12 13

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

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 AIRPORT NAME: PALM BEACH INTL	TDZE: 19 FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 10L, ORIG-A 06 MAY 2010	SUP:
				AMDT: ORIG
				DATED: 02/11/2010

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

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SUSAP KPBIK7GRW10L 0100060988 N26405898WC00061695+0000 -0020300019120048150I

[illegible]

QUALITY
4
OFFICE

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 AIRPORT NAME: PALM BEACH INTL	TDZE: 19 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 10L, ORIG-A 06 MAY 2010	SUP:
					AMDT: ORIG
					DATED: 02/11/2010

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA
FRWAY (IAF)	OBTEE (TF) (FB) (RNP 1.00)	223.60/3.48	5000	(DO NOT EXCEED 200 KIAS UNTIL VNDAL) CLIMB TO 2000 ON TRACK 141.18 TO ICZAY AND RIGHT TURN TO VNDAL AND ON TRACK 275.27 TO LANCH AND HOLD.
OBTEE	INEVY (TF) (FB) (RNP 1.00)	223.84/3.77	4000	
INEVY (IF)	SANZZ (TF) (FB) (RNP 1.00)	223.82/3.77	3000	
SANZZ	XAGRY (TF) (FB) (RNP 0.30)	248.15/1.65	2500	ADDITIONAL FLIGHT DATA: HOLD S, RT, 009.00 INBOUND CHART FAS OBST: 80 TREE 264144N/0800636W CHART 88 TREE 264141N/0800634W DISTANCE TO THLD FROM 303 HAT: 0.79
XAGRY	ZABTA (RF) (FB) (RNP 0.30)	(2.40 NM RADIUS CCW XACDY) /4.48	1100	
GULLO (IAF)	OGGAN (TF) (FB) (RNP 1.00)	090.62/10.80	3100	
OGGAN (IF)	QELAH (TF) (FB) (RNP 1.00)	080.47/5.00	1800	
CONTINUED ON PAGE 2				

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT ZABTA
3. FAC: 141.16 FAF: DIST FAF TO MAP: THLD:
4. MIN. ALT:
5. DIST TO THLD FROM OM: 3.21 MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INOPT: 1100 GS ALT AT: ZABTA 1100 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 51.0# 34:1 IS NOT CLEAR
8. MSA FROM: RW14 2600
- ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
#TCH 68.1 MSL (DO NOT CHART)
CHART MANDATORY ALTITUDE: 5000 AT GULLO, FRWAY, 4000 AT INEVY, 3000 AT SANZZ.
- MAG VAR: 6W EPOCH YEAR: 2010

MINIMUMS

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

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED

RNP 0.11 DA	320	1	303	320	1	303	320	1	303	320	1	303			
RNP 0.30 DA	364	1 1/4	347	364	1 1/4	347	364	1 1/4	347	364	1 1/4	347			

NOTES: CHART NOTES: RF AND GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 3C (38F) OR ABOVE 47C (118F). WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE AT XAGRY AND QELAH: MAX 180 KIAS.
CHART PLANVIEW NOTE AT FRWAY: (RNP 0.30).
CHART PROFILE NOTES: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 19 TDZE: 17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 06 MAY 2010 RNAV (RNP) Z RWY 14, ORIG-A	SUP: <u> </u>
WEST PALM BEACH, FL	AIRPORT NAME: PALM BEACH INTL			AMDT: ORIG
				DATE 02/11/2010

QUALITY
CHECKED

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

TERMINAL ROUTE (CONTINUED FROM PAGE 1)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
QELAH	ZABTA (RF) (FB) (RNP 1.00)	(2.30 NM RADIUS CW XAQJI) /2.43	1100
ZABTA (FAF)	RW14 (TF) (FO)	141.16/3.21	
RW14 (MAP)	ICZAY (TF) (FB) (RNP 1.00)	141.18/5.86	
ICZAY	VNDAL (RF) (FB) (RNP 1.00)	(3.80 NM RADIUS CW XABZY) /8.90	
VNDAL	LANCH (TF) (FO) (RNP 1.00)	275.27/1.52	2000

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION:	19 TDZE:	17	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 06 MAY 2010 RNAV (RNP) Z RWY 14, ORIG-A	SUP:	
	AIRPORT NAME:	PALM BEACH INTL				AMDT:	ORIG
			DATED:			02/11/2010	

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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

ARINC PACKET - 424-18 - RNAV (RNP)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPBIK7FR14-Z	AFRWAY	010PRWAYK7EA0E	A	IF				05000	18000		A	PS
SUSAP	KPBIK7FR14-Z	AFRWAY	020QBTEK7EA0E		010TF		22360035	+	05000			A	PS
SUSAP	KPBIK7FR14-Z	AFRWAY	030INEVK7EA0E	B	010TF		22380038		04000			A	PS
SUSAP	KPBIK7FR14-Z	AFRWAY	040SANZZK7EA0E		010TF		22380038		03000			A	PS
SUSAP	KPBIK7FR14-Z	AFRWAY	050XAGRYK7EA0E		031TF		24820017	+	02500	180		A-PS	
SUSAP	KPBIK7FR14-Z	AFRWAY	060ZABTAK7EA0EE	L031RF		0024002482	14120045	+	01100		XACDY K7EAA	PS	
SUSAP	KPBIK7FR14-Z	AGULLO	010GULLOK7EA0E	A	IF				05000	18000		A	PS
SUSAP	KPBIK7FR14-Z	AGULLO	020GGGANK7EA0E	B	010TF		09060108	+	03100			A	PS
SUSAP	KPBIK7FR14-Z	AGULLO	030QELAHK7EA0E		010TF		08050050	+	01800	180		A-PS	
SUSAP	KPBIK7FR14-Z	AGULLO	040ZABTAK7EA0EE	R010RF		0023000805	14120024	+	01100		XAQJI K7EAA	PS	
SUSAP	KPBIK7FR14-Z	R	020ZABTAK7EA1E	F	IF			+	01100	18000	RW14 K7PGA	PS	
SUSAP	KPBIK7FR14-Z	R	020ZABTAK7EA2W						A031A112			PS	
SUSAP	KPBIK7FR14-Z	R	030RW14 K7PG0GY	M	031TF		14120032		00068	-300		A	PS
SUSAP	KPBIK7FR14-Z	R	040ICZAYK7EA0E	M	010TF		14120059			200		A-PS	
SUSAP	KPBIK7FR14-Z	R	050VNDALK7EA0E	R010RF		0038001412	27530089			200	XABZY K7EAA-PS		
SUSAP	KPBIK7FR14-Z	R	060LANCHK7EA0EY		010TF		27530015	+	02000			A	PS
SUSAP	KPBIK7FR14-Z	R	070LANCHK7EA0EE	R020HM			00900040	+	02000			A	PS

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 17 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 14, ORIG-A 06 MAY 2010	SUP:
				AMDT: ORIG
				DATED: 02/11/2010

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

[illegible]

QUALITY
A
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 AIRPORT NAME: PALM BEACH INTL	TDZE: 17 RNAV	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 14, ORIG-A 06 MAY 2010	SUP:
					AMDT: ORIG
					DATED: 02/11/2010

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA CLIMB TO 2000 ON TRACK 278.79 TO JANTU AND RIGHT TURN TO ETAPY AND ON TRACK 029.23 TO MORGAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.00 INBOUND CHART FAS OBST: 70 T - L TOWER 264053N/0800408W DISTANCE TO THLD FROM 375 HAT: 1.00 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S # TCH 75.7 MSL (DO NOT CHART) CHART MANDATORY ALTITUDE: 8000 AT GULLO, BEKAH, 6000 AT FESAK, 5000 AT FRWAY, AND 4000 AT HETMO. MAG VAR: 6W EPOCH YEAR: 2010			
GULLO (IAF)	BEKAH (TF)(FB)(RNP 1.00)	118.77/16.12	8000				
BEKAH	FESAK (TF)(FB)(RNP 1.00)	099.58/4.88	6000				
FESAK (IF)	COTEB (TF)(FB)(RNP 1.00)	099.62/5.75	4300				
COTEB	RELTY (RF)(FB)(RNP1.00)	(2.80 NM RADIUS CCW ECQUG)/8.84	1500				
FRWAY (IAF)	HETMO(TF)(FB)(RNP 1.00)	176.05/9.07	4000				
HETMO (IF)	JERMA (TF)(FB)(RNP 1.00)	176.05/4.00	2900				
JERMA	RELTY (RF)(FB)(RNP 1.00)	(3.00 NM RADIUS CW CLKVL)/5.38	1500				
RELTY (FAF)	RW28R (TF)(FO)	278.83/4.42					

1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT RELTY	
3. FAC: <u>278.83</u> FAF: <u> </u> DIST FAF TO MAP: <u> </u> THLD: <u> </u>	
4. MIN. ALT: <u> </u>	
5. DIST TO THLD FROM OM: <u>4.42</u> MM: <u> </u> IM: <u>150</u> HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>RELTY 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u>3.00</u> TCH: <u>58.1# 34:1 IS NOT CLEAR</u>	
8. MSA FROM: <u>RW28R 2600</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	

SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	393	6000	375	393	6000	375	393	6000	375	393	6000	375			

NOTES: CHART NOTES: RF AND GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 3C (38F) OR ABOVE 48C (119F). CHART PLANVIEW NOTE AT COTEB AND JERMA: MAX 180 KIAS. CHART PROFILE NOTE: SEE PLAN VIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 18	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 06 MAY 2010 RNAV (RNP) Z RWY 28R, ORIG-A	SUP:
	AIRPORT NAME: PALM BEACH INTL			AMDT: ORIG
	DATE: 2/11/2010			

QUALITY
4
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES (CONTINUED FROM PAGE 1)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RW28R (MAP)	JANTU (TF)(FB)(RNP 1.00)	278.79/6.50	
JANTU	ETAPY (RF)(FB)(RNP 1.00)	(4.70 NM RADIUS CW ISQUFY)9.06	
ETAPY	MORGA (TF)(FO)(RNP 1.00)	029.23/10.65	2000

QUALITY
CHECKED

CITY AND STATE

WEST PALM BEACH, FL

ELEVATION:

19 TDZE:

18

AIRPORT NAME:

PALM BEACH INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

06 MAY 2010

RNAV (RNP) Z RWY 28R, ORIG-A

SUP:

AMDT:

ORIG

DATED:

02/11/2010

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

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

ARINC PACKET - 424-18 - RNAV (RNP)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPBIK7FR28RZ	AFRWAY	010FRWAYK7EA0E	A	IF			05000	18000			A	PS
SUSAP	KPBIK7FR28RZ	AFRWAY	020HETMOK7EA0E	B	010TF		17610091	04000				A	PS
SUSAP	KPBIK7FR28RZ	AFRWAY	030JERMAK7EA0E		010TF		17610040	+ 02900		180		A-PS	
SUSAP	KPBIK7FR28RZ	AFRWAY	040RELYK7EA0EE	R010RF		0030001761	27880054	+ 01500			CLKVL K7EAA	PS	
SUSAP	KPBIK7FR28RZ	AGULLO	010GULLOK7EA0E	A	IF			08000	18000			A	PS
SUSAP	KPBIK7FR28RZ	AGULLO	020BEKAHK7EA0E		010TF		11880161	08000				A	PS
SUSAP	KPBIK7FR28RZ	AGULLO	030PESAKK7EA0E	B	010TF		09960049	06000				A	PS
SUSAP	KPBIK7FR28RZ	AGULLO	040COTEKK7EA0E		010TF		09960058	+ 04300		180		A-PS	
SUSAP	KPBIK7FR28RZ	AGULLO	050RELYK7EA0EE	L010RF		0028000996	27880088	+ 01500			ECQUG K7EAA	PS	
SUSAP	KPBIK7FR28RZ	R	020RELYK7EA1E	F	IF			+ 01500		18000	RW28R K7PGA	PS	
SUSAP	KPBIK7FR28RZ	R	020RELYK7EA2W						A031			PS	
SUSAP	KPBIK7FR28RZ	R	030RW28RK7PG0GY	M	031TF		27880044	00076		-300		A	PS
SUSAP	KPBIK7FR28RZ	R	040JANTUK7EA0E	M	010TF		27880065					A	PS
SUSAP	KPBIK7FR28RZ	R	050ETAPYK7EA0E	R010RF		0047002788	02920091				ISQUP K7EAA	PS	
SUSAP	KPBIK7FR28RZ	R	060MORGAK7EA0EY		010TF		02920107	+ 02000				A	PS
SUSAP	KPBIK7FR28RZ	R	070MORGAK7EA0EE	L020HM			34300040	+ 02000				A	PS

QUALITY
CHECKED

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 AIRPORT NAME: PALM BEACH INTL	TDZE: 18	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 28R, ORIG-A 06 MAY 2010	SUP:
					AMDT: ORIG
					DATED: 02/11/2010

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

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

RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPBIK7GRW28R 0100062788 N26405513W080044889+0000 -0020900018081158150T

MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPBIK7SRW28RK7PG 0 18018002625 M

QUICK
CHECK

CITY AND STATE
WEST PALM BEACH, FL

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

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (RNP) Z RWY 28R, ORIG-A
06 MAY 2010

SUP:
AMDT: ORIG
DATED: 02/11/2010

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA											
GULLO (IAF)	BEKAH (TF)(FB)(RNP 1.00)	118.77/16.12	4000	CLIMB TO 2000 ON TRACK 321.19 TO FOMID AND ON TRACK 004.93 TOMORGA AND HOLD.											
BEKAH (IF)	QATHY (TF)(FB)(RNP 1.00)	117.01/6.78	3700												
QATHY	RUMDE (RF)(FB)(RNP 1.00)	(2.60 NM RADIUS CCW XAXKY) 7.07	1500	ADDITIONAL FLIGHT DATA: HOLD S, LT, 343.00 INBOUND CHART FAS OBST: 106 TREE 264020N/0800459W DISTANCE TO THLD FROM 310 HAT: 0.79 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S # TCH 73.0 MSL (DO NOT CHART) CHART MANDATORY ALTITUDE: 5000 AT GULLO, FRWAY, HETMO, KARRL, 4000 AT BEKAH.											
FRWAY (IAF)	HETMO (TF)(FB)(RNP 1.00)	176.05/9.07	5000												
HETMO (IF)	KARRL (TF)(FB)(RNP 1.00)	179.81/3.63	5000												
KARRL	PALLM (TF)(FB)(RNP 1.00)	179.81/4.52	3800												
PALLM	RUMDE (RF)(FB)(RNP 1.00)	(3.00 NM RADIUS CW ZUWXO)7.41	1500												
(CONTINUED ON PAGE 2)															
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)															
2. PROFILE STARTS AT RUMDE															
3. FAC: 321.22 FAF: DIST FAF TO MAP: THLD:															
4. MIN. ALT:															
5. DIST TO THLD FROM OM: 4.43 MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCP: 1500 GS ALT AT: RUMDE 1500 OM: MM: IM:															
7. GS ANGLE: 3.00 TCH: 57.2# 34:1 IS NOT CLEAR															
8. MSA FROM: RW32 2600				MAG VAR: 6W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD										
CATEGORY ----->	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.12 DA	326	1	310	326	1	310	326	1	310	326	1	310			
RNP 0.30 DA	405	1 1/4	389	405	1 1/4	389	405	1 1/4	389	405	1 1/4	389			
NOTES: RF AND GPS REQUIRED. VISIBILITY REDUCTION BY HELICOPTERS NA. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 3C (38F) OR ABOVE 48C (119F). CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART PLANVIEW NOTE AT PALLM AND QATHY: MAX 180 KIAS. CHART PROFILE NOTE: SEE PLAN VIEW FOR MULTIPLE IF LOCATIONS.															
CITY AND STATE		ELEVATION: 19 TDZE: 16		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 06 MAY 2010 RNAV (RNP) Z RWY 32, ORIG-A				SUP: AMDT: ORIG DATE 02/11/2010					
WEST PALM BEACH, FL		PALM BEACH INTL													

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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TERMINAL ROUTES (CONTINUED FROM PAGE 1)

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
RUMDE (FAF)	RW32 (TF)(FO)	321.22/4.43	
RW32 (MAP)	FOMID (TF)(FB)(RNP 1.00)	321.19/8.00	
FOMID	MORGA (TF)(FO)(RNP 1.00)	004.93/11.14	2000

QUALITY
4
CHECKED

CITY AND STATE	ELEVATION: 19 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST PALM BEACH, FL	AIRPORT NAME: PALM BEACH INTL	RNAV	06 MAY 2010 RNAV (RNP) Z RWY 32, ORIG-A	AMDT: ORIG
				DATED: 02/11/2010

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPBIK7FR32-Z	AFRWAY	010FRWAYK7EA0E	A	IF			05000	18000			A	PS
SUSAP	KPBIK7FR32-Z	AFRWAY	020HETMOK7EA0E	B	010TF	17610091		05000				A	PS
SUSAP	KPBIK7FR32-Z	AFRWAY	030KARRLK7EA0E		010TF	17980036		05000				A	PS
SUSAP	KPBIK7FR32-Z	AFRWAY	040FALLMK7EA0E		010TF	17980045		+ 03800	180			A-PS	
SUSAP	KPBIK7FR32-Z	AFRWAY	050RUMDEK7EA0EE	R010RF		0030001798	32120074	+ 01500			ZUWXO	K7EAA	PS
SUSAP	KPBIK7FR32-Z	AGULLO	010GULLOK7EA0E	A	IF			05000	18000			A	PS
SUSAP	KPBIK7FR32-Z	AGULLO	020BEKAHK7EA0E	B	010TF	11880161		04000				A	PS
SUSAP	KPBIK7FR32-Z	AGULLO	030QATHYK7EA0E		010TF	11700068		+ 03700	180			A-PS	
SUSAP	KPBIK7FR32-Z	AGULLO	040RUMDEK7EA0EE	L010RF		0026001170	32120071	+ 01500			XAXKY	K7EAA	PS
SUSAP	KPBIK7FR32-Z	R	020RUMDEK7EA1E	F	IF			+ 01500	18000		RW32	K7PGA	PS
SUSAP	KPBIK7FR32-Z	R	020RUMDEK7EA2W						A031A122				PS
SUSAP	KPBIK7FR32-Z	R	030RW32	K7PGCGY	M	031TF	32120044		00073	-300		A	PS
SUSAP	KPBIK7FR32-Z	R	040FOMIDK7EA0E	M	010TF	32120080						A	PS
SUSAP	KPBIK7FR32-Z	R	050MORGAK7EA0EY		010TF	00490111		+ 02000				A	PS
SUSAP	KPBIK7FR32-Z	R	060MORGAK7EA0EE	L020HM			34300040	+ 02000				A	PS

[illegible]

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19 TDZE: 16 AIRPORT NAME: PALM BEACH INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 32, ORIG-A 06 MAY 2010	SUP:
				AMDT: ORIG
				DATED: 02/11/2010

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

[illegible]

CITY AND STATE WEST PALM BEACH, FL	ELEVATION: 19	TDZE: 16	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (RNP) Z RWY 32, ORIG-A 06 MAY 2010	SUP:	
	AIRPORT NAME: PALM BEACH INTL				AMDT:	ORIG
					DATED:	02/11/2010

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, 14, 21, 34 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, TREES BEGINNING 34' FROM DER, 393' LEFT OF CENTERLINE, UP TO 20' AGL/711' MSL. OL ON DME 387' FROM DER, 264' LEFT OF CENTERLINE, 11' AGL/ 720' MSL. NOTE: RWY 14, VEHICLE ON ROAD 56' FROM DER, 483' RIGHT OF CENTERLINE, 15' AGL/694' MSL. VEHICLE ON ROAD 391' FROM DER, 3' LEFT OF CENTERLINE, 15' AGL/702' MSL. NOTE: RWY 21, TREE 405' FROM DER, 500' LEFT OF CENTERLINE, 16' AGL/706' MSL. NOTE: RWY 32, VEHICLE ON ROAD 38' FROM DER, 319' LEFT OF CENTERLINE, 15' AGL/716' MSL. FENCE 169' FROM DER, 192' RIGHT OF CENTERLINE, 8' AGL/706' MSL. VEHICLE ON ROAD 508' FROM DER, 8' LEFT OF CENTERLINE, 15' AGL/718' MSL. TREES BEGINNING 1302' FROM DER, 448' LEFT OF CENTERLINE, UP TO 68' AGL/767' MSL. ANTENNA ON HOPPER 1,315' FROM DER, 850' LEFT OF CENTERLINE, 82' AGL/781' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
CHECKED

(5) City, State

CLINTON, IA

(6) Airport

CLINTON MUNI

(7) Effective Date

06 MAY 2010

(8) Amdt. No.

1

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 18, VEHICLE ON ROAD 599' FROM DER, 9' LEFT OF CENTERLINE, 15' AGL/1,234' MSL. TREE BEGINNING 1,083' FROM DER, 432' RIGHT OF CENTERLINE, 100' AGL/1,319' MSL. TREE BEGINNING 1,147' FROM DER, 141' LEFT OF CENTERLINE, 100' AGL/1,319' MSL.
NOTE: RWY 36, TREE BEGINNING 1,609' FROM DER, 432' RIGHT OF CENTERLINE, 100' AGL/1,319' MSL. TREE BEGINNING 604' FROM DER, 240' LEFT OF CENTERLINE, 100' AGL/1,319' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

GUTHRIE CENTER, IOWA

(6) Airport

GUTHRIE COUNTY REGIONAL

(7) Effective Date

06 MAY 2010

(8) Amdt. No.

ORIG

QUALITY
4
CHECKED

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

PAGE 1 OF 1 PAGES

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	
KENBE	FIPEN (FO)	064.03 / 30.69	2200	LNAV: RW21 CLIMB TO 2200 DIRECT JISID AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.58 INBOUND. CHART FAS OBST: 635 TANK 384016N/0882745W HANEL TO RW21: 3.00/40.
SAM VOR/DME	AGAKE (FB)	340.06 / 19.76	2200	
AGAKE (IAF)	FIPEN (NOPT) (FB)	300.75 / 5.00	2200	
BIB VORTAC (IAF)	FIPEN (NOPT) (FB)	126.70 / 8.83	2200	
FIPEN (IF/IAF)	HANEL (FB)	210.73 / 6.09	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE FIPEN, RT, 210.73 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
- FAC: 210.69 FAF: HANEL DIST FAF TO MAP: 5.24 THLD: 5.24
- MIN. ALT: FIPEN 2200, HANEL 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: RW21 2600

MAG VAR: 1W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	900	1	430	900	1	430	900	1 1/4	430		NA				
CIRCLING	940	1	467	940	1	467	1120	1 3/4	647		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLNEY-NOBLE ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY
2007

CITY AND STATE FLORA, IL	ELEVATION: 473 TDZE: 470 AIRPORT NAME: FLORA MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 1A 06 MAY 2010	SUP: AMDT: 1 DATED 08/30/2007
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**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.**CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BIB VORTAC AIRWAY RADIALS 067 CW 078.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SAM VOR/DME AIRWAY RADIALS 263 CW 278.**

QUALITY
1
CHECKED

CITY AND STATE

FLORA, IL

ELEVATION: 473

TDZE: 470

AIRPORT NAME:

FLORA MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 1A

06 MAY 2010

SUP:

AMDT:

1

DATED:

08/30/2007

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KFOAK5FR21	ABIB	010BIB	K5D 0V	A	IF				18000		B	JS
SUSAP	KFOAK5FR21	ABIB	020FIPENK5EA0EE	B	010TF		12670088	+	02200			B	JS
SUSAP	KFOAK5FR21	AKENBE	010KENBEK5EA0E		IF					18000		B	JS
SUSAP	KFOAK5FR21	AKENBE	020FIPENK5EA0EY		020TF		06400307	+	02200			B	JS
SUSAP	KFOAK5FR21	AKENBE	030FIPENK5EA0EE	AR	HF		21070050	+	02200			B	JS
SUSAP	KFOAK5FR21	ASAM	010SAM	K5D 0V		IF				18000		B	JS
SUSAP	KFOAK5FR21	ASAM	020AGAKEK5EA0E	A	020TF		34010198	+	02200			B	JS
SUSAP	KFOAK5FR21	ASAM	030FIPENK5EA0EE	B	010TF		30080050	+	02200			B	JS
SUSAP	KFOAK5FR21	R	010FIPENK5EA0E	I	IF					18000		B	JS
SUSAP	KFOAK5FR21	R	020HANELK5EA1E	F	051TF		21070061	+	02200		RW21	K5PGB	JS
SUSAP	KFOAK5FR21	R	020HANELK5EA2WN			N	ALNAV						JS
SUSAP	KFOAK5FR21	R	030RW21	K5PG0GY	M	031TF	21070052		00506	-300		B	JS
SUSAP	KFOAK5FR21	R	040		0	M	010CA	2107	+	00873		B	JS
SUSAP	KFOAK5FR21	R	050JISIDK5EA0EY		010DF				+	02200		B	JS
SUSAP	KFOAK5FR21	R	060JISIDK5EA0EE		R020HM		03060050	+	02200			B	JS

QUALITY
1
CHECKED

CITY AND STATE FLORA, IL	ELEVATION: 473 TDZE: 470	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
	AIRPORT NAME:		RNAV (GPS) RWY 21, AMDT 1A	AMDT: 1
	FLORA MUNI		06 MAY 2010	DATED: 08/30/2007

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

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

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

SUSAP KFOAK5GRW21	0050032106	N38401278W088265432	+0100										

MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KFOAK5SRW21 K5PG		0	18018002625										M

QUALITY
1
CHECKED

CITY AND STATE
FLORA, IL

ELEVATION: 473 TDZE: 470
AIRPORT NAME:
FLORA MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 1A
06 MAY 2010

SUP:
AMDT: 1
DATED: 08/30/2007

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	ILS: DA LOC: 4.81 MILES AFTER LOM OR AT MTO 0.85 DME FIX CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 VIA MTO R-358 TO ARCOL INT AND HOLD, OR AS DIRECTED BY ATC ALTERNATE MA: CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 2400 DIRECT ZEBRE LOM AND HOLD. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD S, RT, 357.79 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD E ZEBRE LOM/5.65 DME, LT, 292.93 INBOUND. CHART FAS OBST: 797 TREE 392827N/0881538W											
DEC VORTAC	MTO VOR/DME	117.28 / 30.68	2400												
MTO VOR/DME	ZEBRE LOM/MTO 5.65 DME	109.14 / 5.65	2400												
ARCOL INT	ZEBRE LOM/MTO 5.65 DME	157.97 / 13.53	2400												
MOBBY INT	ZEBRE LOM/MTO 5.65 DME	039.30 / 13.85	2400												
DELCO INT (IF/IAF)	ZEBRE LOM/MTO 5.65 DME (NOPT)	292.93 / 13.26 (I-MTO)	2400												
1. PT <u>R</u> SIDE OF COURSE <u>112.93</u> OUTBOUND <u>2400</u> FT WITHIN <u>10</u> MILES OF <u>ZEBRE LOM</u> (IAF) 2. _____ 3. FAC: <u>292.93</u> FAF: <u>ZEBRE LOM/MTO 5.65 DME</u> DIST FAF TO MAP: <u>4.81</u> THLD: <u>4.81</u> 4. MIN. ALT: <u>ZEBRE LOM/MTO 5.65 DME 2400</u> 5. DIST TO THLD FROM OM: <u>4.81</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>960</u> 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2318</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.6</u> 8. MSA FROM: <u>MT LOM 2500</u>				MAG VAR: <u>0E</u> EPOCH YEAR: <u>1985</u>											
MINIMUMS															
TAKEOFF:	STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	ILS: <u>STANDARD #</u>	LOC: <u>STANDARD @</u>										
CATEGORY =====>	A		B		C										
	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 29	918	1/2	200	918	1/2	200	918	1/2	200	918	1/2	200			
S-LOC 29	1060	1/2	342	1060	1/2	342	1060	1/2	342	1060	3/4	342			
CIRCLING	1160	1	438	1180	1	458	1180	1 1/2	458	1280	2	558			
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE DA 82 FEET, AND ALL MDA 100 FEET, INCREASE S-LOC 29 CAT C AND D VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING INCREASE S-ILS 29 VISIBILITY 1/2 MILE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DELCO VIA V14 EASTBOUND.															
CITY AND STATE		ELEVATION: 722 TDZE: 718		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
MATTOON/CHARLESTON, IL		AIRPORT NAME:		I-MTO		ILS OR LOC RWY 29, AMDT 6A				AMDT: 6					
		COLES COUNTY MEMORIAL				06 MAY 2010				DATED 12/17/2009					

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	
LISLE INT/TTH 26.27 DME (IAF)	LWV VOR/DME (NOPT)	214.73 / 20.83	2600	MAP: 5.03 MILES AFTER CALKS INT/LWV 6.00 DME OR AT LWV 11.03 DME FIX
LWV VOR/DME (IF/IAF)	CALKS INT/LWV 6.00 DME	210.91 / 6.00	2100	CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2600 DIRECT LWV VOR/DME AND HOLD.
				ADDITIONAL FLIGHT DATA: FAS OBST: 739 AAO 383935N/0874148W CALKS TO RW22: 3.06/40.

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD NE LWV VOR/DME, RT, 210.91 INBOUND, 2600 FT. IN LIEU OF PT (IAF)				
3. FAC	210.91	FAC CALKS INT/LWV 6.00 DME		DIST FAF TO MAP	5.03 THLD 5.03
4. MIN. ALT	LWV VOR/DME 2600, CALKS INT/LWV 6.00 DME 2100				
8. MSA FROM:	LWV VOR/DME 090-270 2100, 270-090 2600				

EPOCH YEAR:1990

MINIMUMS

[illegible]

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAWRENCEVILLE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND ALL CAT C VISIBILITY 1/4 MILE.

CITY AND STATE MOUNT CARMEL, IL	ELEVATION: 429 TDZE: 429 AIRPORT NAME: MOUNT CARMEL MUNI	FACILITY IDENTIFIER: LWV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 22, AMDT 10 06 MAY 2010	SUP VOR OR GPS RWY
				22
				AMDT 9
				DATE 06/08/2006

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

PAGE 1 OF 1 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																																							
TERMINAL ROUTES										MISSED APPROACH																																																																																																																		
FROM	TO	COURSE AND DISTANCE				ALTITUDE																																																																																																																						
										ADDITIONAL FLIGHT DATA:																																																																																																																		
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF) 2. _____ 3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____ 4. MIN. ALT ____ 8. MSA FROM: _____															MAG VAR: _____		EPOCH YEAR: _____																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="3">ALTERNATE: NA _____</td> <td colspan="4"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="2" style="text-align: center;">B</td> <td colspan="2" style="text-align: center;">C</td> <td colspan="2" style="text-align: center;">D</td> <td colspan="2" style="text-align: center;">E</td> <td colspan="4"></td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: 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																																																																
TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: NA _____																																																																																																																				
CATEGORY =====>	A		B		C		D		E																																																																																																																			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																													
NOTES: PROCEDURE CANCELED EFFECTIVE <u>06 MAY 2010</u>																																																																																																																												
CITY AND STATE LEONARDTOWN, MD				ELEVATION: 142 TDZE: 137 AIRPORT NAME: ST. MARY'S COUNTY REGIONAL				FACILITY IDENTIFIER: PXT				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR GPS RWY 29, AMDT 6A, 11/01/2001				SUP AMDT 6 DATE 04/20/2000																																																																																																												

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	
FNT VORTAC	PETLI LOM/I-FNT 6.31 DME	276.78 / 6.31	2600	ILS: DA LOC: 5.74 MILES AFTER PETLI LOM/6.31 DME CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA FNT VORTAC R-097 TO KATTY INT/FNT 10.26 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 276.83 INBOUND. CHART FAS OBST: 929 TREE 425824N/0834853W CHART: ASR

1. PT R SIDE OF COURSE 274.24 OUTBOUND 2600 FT WITHIN 10 MILES OF PETLI LOM (IAF)
- 2.
3. FAC: 094.24 FAF: PETLI LOM/I-FNT 6.31 DME DIST FAF TO MAP: 5.74 THLD: 5.74
4. MIN. ALT: PETLI LOM 2600
5. DIST TO THLD FROM OM: 5.74 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1151
6. MIN GS INCPT: 2600 GS ALT AT: GS INTCP OM: 2560 MM: - IM: -
7. GS ANGLE: 2.80 TCH: 58.8
8. MSA FROM: FN LOM 3100

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @			
CATEGORY ==>>>>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 9	971	2400	200	971	2400	200	971	2400	200	971	2400	200				
S-LOC 9	1180	2400	409	1180	2400	409	1180	4000	409	1180	4000	409				
CIRCLING	1300	1	518	1300	1	518	1300	1 1/2	518	1340	2	558				

NOTES:
CAUTION: BRIGHTLY LIGHTED PARKING LOT 4000 FT EAST OF APPROACH END RWY 27 CAN EASILY BE CONFUSED FOR RWY 27.
CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY
CHECKED

CITY AND STATE FLINT, MI	ELEVATION: 782 TDZE: 771 AIRPORT NAME: BISHOP INTL	FACILITY IDENTIFIER: I-FNT	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 9, AMDT 22A 06 MAY 2010	SUP: ILS RWY 9 AMDT: 22 DATED 02/21/2002
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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FNT VORTAC	HARRO INT/FNT VORTAC 10.00 DME	093.39 / 10.00	2800	ILS: DA LOC: 3.54 MILES AFTER DORTT OM/FLINT VORTAC 4.17 DME OR AT FNT 0.64 DME FIX CLIMB TO 2800 DIRECT PETLI LOM AND HOLD OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA FNT VORTAC R-334 TO CLIOO INT/FNT 10.07 DME AND HOLD SE, RT, 334.03 INBOUND. ADDITIONAL FLIGHT DATA: HOLD W, LT, 095.46 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE CLIOO INT/FLINT 10.07 DME, RT, 334.03 INBOUND. CHART FAS OBST: 942 TANK 425829N/0834021W CHART IN PLANVIEW: CLIOO INT/FLINT 10.07 DME. CHART: 1160 TOWER 425827N/0833400W CHART: ASR
HARRO INT/FNT VORTAC 10.00 DME (IF/IAF)	DORTT OM/FNT VORTAC 4.17 DME	274.26 / 5.83 (I-TUN)	2000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E HARRO, RT, 274.26 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
- FAC: 274.26 FAF: DORTT OM/FNT VORTAC 4.17 DME DIST FAF TO MAP: 3.54 THLD: 3.54
- MIN. ALT: HARRO 2800, DORTT OM/FNT VORTAC 4.17 DME 2000
- DIST TO THLD FROM OM: 3.54 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 999
- MIN GS INCPT: 2000 GS ALT AT: GS INTCP OM: 1958 MM: - IM: -
- GS ANGLE: 3.00 TCH: 56.4
- MSA FROM: FNT VORTAC 3100

MAG VAR: 6W

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		ILS: STANDARD #	LOC: STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 27	970	1/2	200	970	1/2	200	970	1/2	200	970	1/2	200			
S-LOC 27	1260	1/2	490	1260	1/2	490	1260	3/4	490	1260	1	490			
CIRCLING	1260	1	478	1300	1	518	1300	1 1/2	518	1340	2	558			

NOTES:
 CHART PLANVIEW NOTE: ADF REQUIRED.
 CHART PLANVIEW NOTE: CAUTION: BRIGHTLY LIGHTED PARKING LOT 4000 FT EAST OF APPROACH END OF RWY 27 CAN EASILY BE CONFUSED FOR RWY 27.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OWOSSO ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET AND S-LOC 27 VISIBILITIES CAT C/D 1/4 MILE.

@ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE FLINT, MI	ELEVATION: 782 TDZE: 770 AIRPORT NAME: BISHOP INTL	FACILITY IDENTIFIER: I-TUN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27, AMDT 5 06 MAY 2010	SUP: ILS RWY 27 AMDT: 4 DATED 05/10/2007
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QUALITY
CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 7, 25 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 7, MULTIPLE TREES BEGINNING 564' FROM DER, 105' RIGHT OF CENTERLINE, UP TO 97' AGL/827' MSL. TREE 782' FROM DER, 379' LEFT OF CENTERLINE, 47' AGL/784' MSL.
NOTE: RWY 25, MULTIPLE TREES BEGINNING 507' FROM DER, 47' RIGHT OF CENTERLINE, UP TO 81' AGL/841' MSL. TREE 117' FROM DER, 218' LEFT OF CENTERLINE, 47' AGL/817' MSL. TREE 656' FROM DER, 464' LEFT OF CENTERLINE, 67' AGL/822' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State

SPARTA, MI

(6) Airport

PAUL C. MILLER - SPARTA

(7) Effective Date

06 MAY 2010

(8) Amdt. No.

2

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 3500 DIRECT MOVSE AND RIGHT TURN ON TRACK 315.36 TO EVDEQ AND ON TRACK 024.45 TO TILER AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 121.93 INBOUND. CHART FAS OBST: 1568 ANTENNA ON TOWER 455304N/0952244W CHART FAS OBST: 1579 TREE 455248N/0952054W DISTANCE TO THLD FROM 253 HAT: 0.66 NM. WAAS CHANNEL # 48917 REFERENCE PATH ID: W22A											
HUDRO (IAF)	KILVE (NOPT) (FB)	135.38 / 5.00	3500												
VEMVY (IAF)	KILVE (NOPT) (FB)	315.50 / 5.00	3500												
KILVE (IF/IAF)	COXET (FB)	225.44 / 6.10	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE KILVE, RT, 225.44 INBOUND, 3500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>225.36</u> FAF: <u>COXET</u> DIST FAF TO MAP: <u>4.75</u> THLD: <u>4.75</u> 4. MIN. ALT: <u>KILVE 3500, COXET 3000, WANBI/1.60 NM TO RW22 1980*</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>COXET 3000</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 NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 4E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1677	1	253	1677	1	253	1677	1	253	1677	1	253			
LNAV/VNAV DA	1880	1 1/2	456	1880	1 1/2	456	1880	1 1/2	456	1880	1 1/2	456			
LNAV MDA	1840	1	416	1840	1	416	1840	1 1/4	416	1840	1 1/4	416			
CIRCLING	1920	1	495	1920	1	495	1920	1 1/2	495	1980	2	555			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING GLENWOOD ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10						@ NA WHEN LOCAL WEATHER NOT AVAILABLE.									
CITY AND STATE ALEXANDRIA, MN		ELEVATION: 1425 TDZE: 1424 AIRPORT NAME: CHANDLER FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 06 MAY 2010				SUP: AMDT: NONE DATED					

QUALITY
CHECKED

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

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

NOTES CONT.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GLENWOOD ALTIMETER SETTING AND INCREASE ALL DA 37 FEET AND ALL MDA 40 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITY 1/4 MILE.

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	135/30 CW 316/30 (NOPT)	KILVE (IF/IAF) (FB)	3500
2.	316/30 CW 045/30	VEMVY (IAF) (FB)	3600
3.	045/30 CW 135/30	HUDRO (IAF) (FB)	3500

QUALITY
2
CHECKED

CITY AND STATE

ALEXANDRIA, MN

ELEVATION: 1425 TDZE: 1424

AIRPORT NAME:

CHANDLER FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

06 MAY 2010

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	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXN
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	455211.7125N
LTP/FTP LONGITUDE	0952314.9015W
LTP/FTP ELLIPSOIDAL HEIGHT	+04062
FPAP LATITUDE	455113.6100N
FPAP LONGITUDE	0952451.5400W
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	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

1AC5C67B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04323
FPAP ORTHOMETRIC HEIGHT	+04323

QUALITY
2
CHECKED

CITY AND STATE

ALEXANDRIA, MN

ELEVATION: 1425 TDZE: 1424

AIRPORT NAME:

CHANDLER FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

06 MAY 2010

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 KAXNK3FR22	AH	UDRO	010HUDROK3EA0E	A	IF					18000		A	JS
SUSAP KAXNK3FR22	AH	UDRO	020KILVEK3EA0EE	B	010TF		13540050	+	03500			A	JS
SUSAP KAXNK3FR22	AK	ILVE	010KILVEK3EA0EE	AR	HF		22540040	+	03500	18000		A	JS
SUSAP KAXNK3FR22	AV	EMVY	010VEMVYK3EA0E	A	IF					18000		A	JS
SUSAP KAXNK3FR22	AV	EMVY	020KILVEK3EA0EE	B	010TF		31550050	+	03500			A	JS
SUSAP KAXNK3FR22	R		010KILVEK3EA0E	I	IF			+	03500	18000		A	JS
SUSAP KAXNK3FR22	R		020COXETK3EA1E	F	051TF		22540061	+	03000			A	JS
SUSAP KAXNK3FR22	R		020COXETK3EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP KAXNK3FR22	R		021WANBIK3EA0E	S	031TF		22540032	V	0198001980	-300		A	JS
SUSAP KAXNK3FR22	R		030RW22 K3PGOGY	M	031TF		22540016		01468	-300		A	JS
SUSAP KAXNK3FR22	R		040	O	M	010CA	2254	+	01677			A	JS
SUSAP KAXNK3FR22	R		050MOVSEK3EA0E		010DF							A	JS
SUSAP KAXNK3FR22	R		060EVDQK3EA0E		R010TFY		3154					A	JS
SUSAP KAXNK3FR22	R		070TILERK3EA0EY		010TF		0245	+	03500			A	JS
SUSAP KAXNK3FR22	R		080TILERK3EA0EE		R020HM		12190040	+	03500			A	JS

QUALITY
CHECKED

CITY AND STATE ALEXANDRIA, MN	ELEVATION: 1425 TDZE: 1424 AIRPORT NAME: CHANDLER FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 06 MAY 2010	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
6
CHECKED

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									
NECIG (IAF)	CADAR (NOPT) (FB)	160.21 / 5.00	3100	LPV: DA LNAV/VNAV: DA LNAV: RW25 CLIMB TO 3400 DIRECT TUCTU AND ON TRACK 174.95 TO CELIS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 354.95 INBOUND. CHART FAS OBST: 1459 TREE 473104N/0945409W CHART FAS OBST: 1459 TREE 473102N/0945517W CHART 1997 TOWER 473326N/0944805W CHART BEAVER MOA. DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 0.92 MILES TO RW25* *LNAV ONLY. WAAS CHANNEL # 65917 REFERENCE PATH ID: W25A								
SOCOD (IAF)	CADAR (NOPT) (FB)	340.25 / 5.00	3100									
CADAR (IF/IAF)	BODAC (FB)	250.23 / 8.13	3100									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E CADAR, RT, 250.23 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>250.09</u> FAF: <u>BODAC</u> DIST FAF TO MAP: <u>5.18</u> THLD: <u>5.18</u> 4. MIN. ALT: <u>CADAR 3100, BODAC 3100, LINRE/2.10 NM TO RW25 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>3100</u> GS ALT AT: <u>BODAC 3100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>46.4</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 4E 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
LPV DA	1589	3/4	200	1589	3/4	200	1589	3/4	200	1589	3/4	200
LNAV/VNAV DA	1752	1 1/4	363	1752	1 1/4	363	1752	1 1/4	363	1752	1 1/4	363
LNAV MDA	1720	1	331	1720	1	331	1720	1	331	1720	1	331
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 *LNAV ONLY
 SEE 8260-10

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG 06 MAY 2010	SUP: AMDT: NONE DATED
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QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL DA 93 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY AND LNAV CAT C VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT D VISIBILITY 1/2 MILE.

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

CHART NOTE: VDP NA WITH PARK RAPIDS ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	160/30 CW 340/30 (NOPT)	160/7 CW 340/7	3500
2.	160/7 CW 340/7	CADAR (IF/IAF) (FB)	3100
3.	340/30 CW 070/30	340/15 CW 070/15	3400
4.	340/15 CW 070/15	SOCOD (IAF) (FB)	3100
5.	070/30 CW 160/30	070/15 CW 160/15	3200
6.	070/15 CW 160/15	NECIG (IAF) (FB)	3100

QUALITY
6
CHECKED

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389

AIRPORT NAME:

BEMIDJI RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 25, ORIG

06 MAY 2010

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 KBJI
RUNWAY RW25
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W25A
LTP/FTP LATITUDE 473041.6000N
LTP/FTP LONGITUDE 0945516.7970W
LTP/FTP ELLIPSOIDAL HEIGHT +03926
FPAP LATITUDE 473026.0600N
FPAP LONGITUDE 0945636.7300W
THRESHOLD CROSSING HEIGHT (TCH) 00046.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

968BEE2A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04207
FPAP ORTHOMETRIC HEIGHT +04207

QUALITY
2
CHECKED

CITY AND STATE

BEMIDJI, MN

ELEVATION: 1391 TDZE: 1389
AIRPORT NAME:
BEMIDJI RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 25, ORIG
06 MAY 2010

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	KB	JI	K3	FR	25	ACADAR	010	CADARK3EA0EE	AR	HF			
SUSAP	KB	JI	K3	FR	25	ANECIG	010	NECIGK3EA0E	A	IF			
SUSAP	KB	JI	K3	FR	25	ANECIG	020	CADARK3EA0EE	B	010TF			
SUSAP	KB	JI	K3	FR	25	ASOCOD	010	SOCODK3EA0E	A	IF			
SUSAP	KB	JI	K3	FR	25	ASOCOD	020	CADARK3EA0EE	B	010TF			
SUSAP	KB	JI	K3	FR	25	R	010	CADARK3EA0E	I	IF			
SUSAP	KB	JI	K3	FR	25	R	020	BODACK3EA1E	F	051TF			
SUSAP	KB	JI	K3	FR	25	R	020	BODACK3EA2WALPV					
SUSAP	KB	JI	K3	FR	25	R	021	LINREK3EA0E	S	031TF			
SUSAP	KB	JI	K3	FR	25	R	030	RW25 K3PG0GY	M	031TF			
SUSAP	KB	JI	K3	FR	25	R	040			0 M 010CA			
SUSAP	KB	JI	K3	FR	25	R	050	TUCTUK3EA0E		010DF			
SUSAP	KB	JI	K3	FR	25	R	060	CELISK3EA0EY		010TF			
SUSAP	KB	JI	K3	FR	25	R	070	CELISK3EA0EE		R020HM			

[illegible]

QUALITY
6
C

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG 06 MAY 2010	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
6
CHS

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 25, ORIG 06 MAY 2010	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 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 1780' FROM DER, 94' LEFT OF CENTERLINE, UP TO 100' AGL/1149' MSL.

NOTE: RWY 33, TREES BEGINNING 1196' FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 100' AGL/1149' MSL. POWERLINE 1242' FROM DER, 762' LEFT OF CENTERLINE, 80' AGL/1129' MSL. TRAIN 1390' FROM DER, 149' LEFT OF CENTERLINE, 23' AGL/1162' MSL. VEHICLE ON ROAD 1389' FROM DER, 156' LEFT OF CENTERLINE, UP TO 15' AGL/1154' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State GRANITE FALLS, MN	(6) Airport GRANITE FALLS MUNI/LENZEN-ROE MEML FLD	(7) Effective Date 06 MAY 2010	(8) Amdt. No. ORIG
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**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

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

[illegible]

**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 ALEXANDRIA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OBARE ON V2 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRD VORTAC AIRWAY RADIALS 156 CW 171.

QUALITY
2
CHECKED

CITY AND STATE LONG PRAIRIE, MN	ELEVATION: 1333 TDZE: 1332 AIRPORT NAME: TODD FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1 06 MAY 2010	SUP:
				AMDT: ORIG-A
				DATED: 11/20/2008

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 14Y K3FR34	ABRD	010BRD	K3D	OV	IF					18000		B	JS
SUSAP 14Y K3FR34	ABRD	020OBAREK3EA0E	A	020TF			21600466	+	03400			B	JS
SUSAP 14Y K3FR34	ABRD	030SALBEK3EA0EE	B	010TF			25390044	+	03000			B	JS
SUSAP 14Y K3FR34	ASALBE	010SALBEK3EA0EE	AR	HF			34380040	+	03000	18000		B	JS
SUSAP 14Y K3FR34	ATESEE	010TESEEK3EA0E	A	IF						18000		B	JS
SUSAP 14Y K3FR34	ATESEE	020SALBEK3EA0EE	B	010TF			07370077	+	03000			B	JS
SUSAP 14Y K3FR34	R	010SALBEK3EA0E	I	IF				+	03000	18000		B	JS
SUSAP 14Y K3FR34	R	020JEXESK3EA1E	F	051TF			34380063	+	02900		RW34	K3PGB	JS
SUSAP 14Y K3FR34	R	020JEXESK3EA2WN			N	ALNAV							JS
SUSAP 14Y K3FR34	R	030RW34	K3PGOGY	M	031TF		34380048		01368		-304		B JS
SUSAP 14Y K3FR34	R	040	0	M	010CA		3438	+	01733				B JS
SUSAP 14Y K3FR34	R	050HOGUTK3EA0E		010DF									B JS
SUSAP 14Y K3FR34	R	060AXN	K3D	OVY	010TF		2680	+	03000				B JS
SUSAP 14Y K3FR34	R	070AXN	K3D	OVE	R020HM		22400040	+	03000				B JS

QUALITY
CHECKED

CITY AND STATE LONG PRAIRIE, MN	ELEVATION: 1333 TDZE: 1332 AIRPORT NAME: TODD FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1 06 MAY 2010	SUP:
				AMDT: ORIG-A
				DATED: 11/20/2008

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

QUALITY
CHECKED

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

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 27, 36, STANDARD.

RWY 9, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 204 FT PER NM TO 1200, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FT PRIOR TO DEPARTURE END OF RUNWAY.

RWY 18, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 367 FT PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 9 - CLIMB HEADING 088.70 TO 2200 BEFORE TURNING RIGHT.

RWY 18 - CLIMB HEADING 178.68 TO 2600 BEFORE TURNING LEFT.

RWY 27 - CLIMB HEADING 268.71 TO 1700 BEFORE PROCEEDING SOUTHEAST BOUND.

RWY 36 - CLIMB HEADING 358.68 TO 1700 BEFORE PROCEEDING SOUTHEAST BOUND.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TANK AND MULTIPLE TREES BEGINNING 822' FROM DER, 619' RIGHT OF CENTERLINE, UP TO 170' AGL/1082' MSL. TREES 2248' FROM DER, 966' LEFT OF CENTERLINE, 100' AGL/1009' MSL.

NOTE: RWY 18, AIRCRAFT ON TAXIWAY 36' FROM DER, 481' RIGHT OF CENTERLINE, UP TO 21' AGL/928' MSL. MULTIPLE TREES BEGINNING 406' FROM DER, 287' LEFT OF CENTERLINE, UP TO 49' AGL/959' MSL. TOWER 5016' FROM DER, 201' LEFT OF CENTERLINE, 120' AGL/1078' MSL.

NOTE: RWY 27, MULTIPLE TREES BEGINNING 7' FROM DER, 235' RIGHT OF CENTERLINE, UP TO 83' AGL/983' MSL. MULTIPLE TREES BEGINNING 558' FROM DER, 406' LEFT OF CENTERLINE, UP TO 57' AGL/957' MSL. (CONT.)

(4) CONTROLLING OBSTACLES:

RWY 9: 1082 MSL TANK 450827.28N/0931028.46W, 2438 MSL TOWER 450345.00N/0930822.00W.

RWY 18: 1078 MSL TOWER 450728.60N/0931234.40W, 2438 MSL TOWER 450345.00N/0930822.00W.

RWY 27, 36: 2438 MSL TOWER 450345.00N/0930822.00W.

QUALITY
6
CHECK

(5) City, State

MINNEAPOLIS, MN

(6) Airport

ANOKA COUNTY-BLAINE ARPT (JANES FIELD)

(7) Effective Date

06 MAY 2010

(8) Amdt. No.

5A

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

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

(3) TAKEOFF OBSTACLE NOTES: (CONT.)

NOTE: RWY 36, MULTIPLE TREES BEGINNING 86' FROM DER, 10' RIGHT OF CENTERLINE, UP TO 87' AGL/987' MSL. MULTIPLE TREES BEGINNING 1282' FROM DER, 53' LEFT OF
CENTERLINE, UP TO 70' AGL/970' MSL.

QUALITY
6
CHECKED

City, State MINNEAPOLIS, MN		Airport ANOKA COUNTY-BLAINE ARPT (JANES FIELD)			Effective Date 06 MAY 2010	Amdt. No. 5A
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 5000 DIRECT PUKFA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 353.33 INBOUND. CHART FAS OBST: 2615 POLE 423535N/0995958W FAS OBST: 2849 AAO 423835N/0995929W DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.47 MILES TO RW17* *LNAV ONLY. WAAS CHANNEL # 70417 REFERENCE PATH ID: W17A						
ANW VOR/DME		EVANE (FO)		351.88 / 11.68				5000								
ISD VOR (IAF)		EVANE (NOPT) (FB)		187.62 / 44.69				5000								
EVANE (IF/IAF)		CURVA (FB)		173.33 / 6.10				4100								
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N EVANE, RT, 173.33 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>173.33</u> FAF: <u>CURVA</u> DIST FAF TO MAP: <u>4.55</u> THLD: <u>4.55</u> 4. MIN. ALT: <u>EVANE 5000, CURVA 4100</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>4100</u> GS ALT AT: <u>CURVA 4100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>46.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW17 5100</u>										MAG VAR: 6E		EPOCH YEAR: 2010				
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @				
CATEGORY <=====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	2789	1/2	200	2789	1/2	200	2789	1/2	200	2789	1/2	200				
LNAV/VNAV DA	2885	1/2	296	2885	1/2	296	2885	1/2	296	2885	3/4	296				
LNAV MDA	3100	1/2	511	3100	1/2	511	3100	1	511	3100	1	511				
CIRCLING	3100	1	511	3100	1	511	3100	1 1/2	511	3140	2	551				
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10																
CITY AND STATE AINSWORTH, NE				ELEVATION: 2589 TDZE: 2589 AIRPORT NAME: AINSWORTH MUNI				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 06 MAY 2010				SUP: AMDT: 1 DATED 06/05/2008		

 QUALITY
2
CHECKED

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ISD VOR VIA V71 NORTHWEST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND INCREASE DA 70 FEET AND LNAV/VNAV CAT A/B/C VISIBILITY 1/4 MILE, INCREASE ALL MDA 80 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.

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

QUALITY
2
CHECKED

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589

TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 2

06 MAY 2010

SUP:

AMDT:

1

DATED:

06/05/2008

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KANW
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	423510.0900N
LTP/FTP LONGITUDE	0995947.9500W
LTP/FTP ELLIPSOIDAL HEIGHT	+07660
FPAP LATITUDE	423340.9700N
FPAP LONGITUDE	0995946.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0672
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

B61A9EEE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+07884
FPAP ORTHOMETRIC HEIGHT	+07884

QUALITY
CHECKED

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589
AIRPORT NAME:
AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 2
06 MAY 2010

SUP:	
AMDT:	1
DATED:	06/05/2008

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[illegible]

QUALITY
6
CHECKED

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2589 AIRPORT NAME: AINSWORTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 06 MAY 2010	SUP:
				AMDT: 1
				DATED: 06/05/2008

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

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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KANWK3PR17	RW17 001	0000W17A0N4235100900W09959479500+076600300N4233409700W09959465400106750672000460F400350B61A9EEE										
	SUSAP KANWK3PR17	RW17 002E	+07884+07884LPV	70417									

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KANWK3SRW17 K3PG	0	18018005125									M	



CITY AND STATE
AINSWORTH, NE

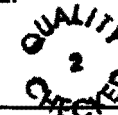
ELEVATION: 2589 TDZE: 2589
AIRPORT NAME:
AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, AMDT 2
06 MAY 2010

SUP:
AMDT: 1
DATED: 06/05/2008

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW35 CLIMB TO 5000 DIRECT EVANE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 173.33 INBOUND. CHART FAS OBST: 2639 TREE 423353N/0995919W FAS OBST: 2899 AAO 423038N/0995912W 2939 AAO 422922N/1000014W DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.65 MILES TO RW35* *LNAV ONLY. WAAS CHANNEL # 81917 REFERENCE PATH ID: W35A													
ANW VOR/DME	PUKFA (FO)	174.86 / 11.15	5000														
MARSS	ECOFI (FB)	096.27 / 22.68	5000														
ECOFI (IAF)	PUKFA (NOPT) (FB)	083.25 / 5.00	5000														
PUKFA (IF/IAF)	COLSI (FB)	353.33 / 6.20	4200														
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S PUKFA, RT, 353.33 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>353.33</u> FAF: <u>COLSI</u> DIST FAF TO MAP: <u>4.85</u> THLD: <u>4.85</u> 4. MIN. ALT: <u>PUKFA 5000, COLSI 4200</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>4200</u> GS ALT AT: <u>COLSI 4200</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.1</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW35 5100</u>										MAG VAR: 6E		EPOCH YEAR: 2010					
MINIMUMS																	
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @												
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	2789	1/2	200	2789	1/2	200	2789	1/2	200	2789	1/2	200					
LNAV/VNAV DA	2909	1/2	320	2909	1/2	320	2909	1/2	320	2909	3/4	320					
LNAV MDA	3160	1/2	571	3160	1/2	571	3160	1	571	3160	1 1/4	571					
CIRCLING	3160	1	571	3160	1	571	3160	1 1/2	571	3160	2	571					
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO 1 MILE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 2589 TDZE: 2589				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
AINSWORTH, NE				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 35, AMDT 2				AMDT: 1	
				AINSWORTH MUNI								06 MAY 2010				DATED 06/05/2008	



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 NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALENTINE ALTIMETER SETTING AND INCREASE ALL DA 70 FEET AND LNAV/VNAV VISIBILITY CATS A/B/C 1/4 MILE, INCREASE ALL MDA 80 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. BARO-VNAV AND VDP NA WHEN USING VALENTINE ALTIMETER SETTING.



CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 2

06 MAY 2010

SUP:

AMDT: 1

DATED: 06/05/2008

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.

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KANW
RUNWAY RW35
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W35A
REFERENCE PATH IDENTIFIER (APPROACH ID) 423402.7000N
LTP/FTP LATITUDE 0995946.8800W
LTP/FTP LONGITUDE +07666
LTP/FTP ELLIPSOIDAL HEIGHT 423531.8200N
FPAP LATITUDE 0995948.2900W
FPAP LONGITUDE 00045.1
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0672
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 35.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

9831B5A6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +07890
FPAP ORTHOMETRIC HEIGHT +07890

QUALITY
2
CHECKED

CITY AND STATE
AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589
AIRPORT NAME:
AINSWORTH MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 2
06 MAY 2010

SUP:
AMDT: 1
DATED: 06/05/2008

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

[illegible]

QUALITY
6
CHECKED

CITY AND STATE AINSWORTH, NE	ELEVATION: 2589 TDZE: 2589 AIRPORT NAME: AINSWORTH MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 2 06 MAY 2010	SUP:
				AMDT: 1
				DATED: 06/05/2008

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.

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

	SUSAP KANWK3GRW35	0068243533	N42340270W099594688+0000	+0766602589000045110R										

PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

	SUSAP KANWK3PR35	RW35 001	0000W35A0N4234027000W09959468800+076660300N4235318200W09959482900106750672000451F4003509831B5A6											
	SUSAP KANWK3PR35	RW35 002E	+07890+07890LPV	81917										

MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													

	SUSAP KANWK3SRW35	K3PG	0	18018005125								M		

QUALITY
6
CHECKED

CITY AND STATE

AINSWORTH, NE

ELEVATION: 2589 TDZE: 2589

AIRPORT NAME:

AINSWORTH MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 2

06 MAY 2010

SUP:

AMDT: 1

DATED: 06/05/2008

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									
PATRN INT TEB VOR/DME (IAF) GIMEE INT/7.82 DME/RADAR (IF)		TEB VOR/DME		155.00 / 6.86		3000		ILS: DA LOC: 4.49 MILES AFTER FEVAB INT/4.62 DME/RADAR OR AT I-LSQ 0.15 DME FIX CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 225 AND ARD VOR/DME R-069 TO KILMA INT/27.04 DME AND HOLD.							
		GIMEE INT/7.82 DME/RADAR		219.71 / 2.43 (TEB R-220)		2500									
		FEVAB INT/4.62 DME/RADAR		218.83 / 3.19 (I-LSQ)		1500									
								ADDITIONAL FLIGHT DATA: HOLD W, RT, 068.78 INBOUND. CHART FAS OBST: 291 STACK 404417N/0740736W CHART IN PROFILE VIEW: I-LSQ DME ANTENNA. CHART OM IN HALF-TONE. CHART VDP AT 1.67 DME; DISTANCE VDP TO THLD 1.54 MILES. *LOC ONLY							
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 TEB VOR/DME 3. FAC: <u>218.83</u> FAF: <u>FEVAB INT/4.62 DME/RADAR</u> DIST FAF TO MAP: <u>4.49</u> THLD: <u>4.49</u> 4. MIN. ALT: <u>PATRN INT 3000, GIMEE 2500, FEVAB 1500</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u>1091</u> GS ANT: <u>814</u> 6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>FEVAB INT/4.62 DME/RADAR 1500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>42.7</u> 8. MSA FROM: <u>TEB VOR/DME 2900</u>								MAG VAR: 13W EPOCH YEAR: 1985							
MINIMUMS															
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: #	LOC: STANDARD @								
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22L	210	1800	200	210	1800	200	210	1800	200	210	1800	200			
S-LOC 22L	560	2400	550	560	2400	550	560	5000	550	560	6000	550			
CIRCLING	720	1	702	720	1	702	720	2	702	900	3	882			
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 22L: CAT A, B, C, D, RA 99, RVR 1200, DA 110 MSL, HAT 100. # CAT A, B, C 800-2, CAT D 900-3 @ CAT D 900-3 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 22R CATS A AND B. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE		ELEVATION: 18		TDZE: 22L 10		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS RWY 22L			
NEWARK, NJ		AIRPORT NAME:		TDZE: 22R 10		I-LSQ		ILS OR LOC RWY 22L, AMDT 12 ILS RWY 22L (CAT II)				AMDT: 11A			
		NEWARK LIBERTY INTL						06 MAY 2010				DATED 02/21/2002			

**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.

CAT II CHART NOTE: PROCEDURE DOES NOT MEET ICAO STANDARD FOR ALSF/TDZ/CL LIGHTING SYSTEMS.

AUTHORIZATION TO CONDUCT THIS APPROACH REQUIRES SPECIFIC OPS SPEC APPROVAL OR LOA FOR THIS RUNWAY.

CITY AND STATE

NEWARK, NJ

ELEVATION: 18

AIRPORT NAME:

NEWARK LIBERTY INTL

TDZE: 22L 10

TDZE: 22R 10

FACILITY
IDENTIFIER:

I-LSQ

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 22L, AMDT 12
ILS RWY 22L (CAT II)

06 MAY 2010

SUP: ILS RWY 22L

AMDT: 11A

DATED: 02/21/2002

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, 19, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

RWY 1: TREES BEGINNING 61' FROM DER, 194' RIGHT OF CENTERLINE, UP TO 50' AGL/1249' MSL.

RWY 19: TREES BEGINNING 5' FROM DER, 167' LEFT OF CENTERLINE, UP TO 50' AGL/1259' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State ASHLAND, OH	(6) Airport ASHLAND COUNTY	(7) Effective Date 06 MAY 2010	(8) Amdt. No. 3
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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 8, 26 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, VEHICLES ON ROADWAY 18' FROM DER, 127' RIGHT OF CENTERLINE, UP TO 15' AGL/119' MSL. TREES BEGINNING 159' FROM DER, 208' RIGHT OF CENTERLINE, UP TO 100' AGL/204' MSL. TREES BEGINNING 169' FROM DER, 314' LEFT OF CENTERLINE, UP TO 100' AGL/ 204' MSL.
NOTE: RWY 26, VEHICLES ON ROADWAY 9' FROM DER, 113' LEFT OF CENTERLINE, UP TO 15' AGL/119' MSL. TREES BEGINNING 20' FROM DER, 182' LEFT OF CENTERLINE, UP TO 100' AGL/204' MSL. HANGAR 81' FROM DER, 267' RIGHT OF CENTERLINE, 50' AGL/154' MSL. AIRCRAFT 87' FROM DER, 171' RIGHT OF CENTERLINE, UP TO 30' AGL/134' MSL. BUILDING 665' FROM DER, 139' LEFT OF CENTERLINE, 30' AGL/134' MSL. BUILDING 1359' FROM DER, 226' RIGHT OF CENTERLINE, 30' AGL/134' MSL.

(4) CONTROLLING OBSTACLES:



(5) City, State LORIS, SC	(6) Airport TWIN CITY	(7) Effective Date 06 MAY 2010	(8) Amdt. No. ORIG
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TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 300-2 1/4 WITH MINIMUM CLIMB OF 280 FT/NM TO 3900, OR STANDARD WITH MINIMUM CLIMB OF 440 FT/NM TO 2600, OR 2400-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 33, 800-2 1/2 WITH MINIMUM CLIMB OF 390 FT/NM TO 5000, OR STANDARD WITH MINIMUM CLIMB OF 522 FT/NM TO 2200, OR 2400-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 15: CLIMB HEADING 151.75 TO 3900, OR FOR CLIMB IN VISUAL CONDITIONS, CROSS BRIDGEWATER AIR PARK AT OR ABOVE 3400 BEFORE PROCEEDING ON COURSE.

RWY 33: CLIMB HEADING 346.75 TO 5000, OR FOR CLIMB IN VISUAL CONDITIONS, CROSS BRIDGEWATER AIR PARK AT OR ABOVE 3400 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, VEHICLES ON ROADWAY 53' FROM DER, 14' RIGHT OF CENTERLINE, 15' AGL/1180' MSL. TREES BEGINNING 158' FROM DER, 259' RIGHT OF CENTERLINE, UP TO 100' AGL/1279' MSL. TREES BEGINNING 499' FROM DER, 628' LEFT OF CENTERLINE, UP TO 100' AGL/1279' MSL. POLE 908' FROM DER, 183' LEFT OF CENTERLINE, 35' AGL/1200' MSL. TREES BEGINNING 3205' FROM DER, 1329' RIGHT OF CENTERLINE, UP TO 100' AGL/1359' MSL.

NOTE: RWY 33, TREES BEGINNING 318' FROM DER, 252' RIGHT OF CENTERLINE, UP TO 100' AGL/1249' MSL. TREES BEGINNING 470' FROM DER, 191' LEFT OF CENTERLINE, UP TO 100' AGL/ 1249' MSL.

(4) CONTROLLING OBSTACLES:

RWY 15: 3599 MSL AAO 381326.04N-0784501.68W; 1359 MSL TREE 382114.05N-0785714.77W; 1458 MSL AAO 382042.68N-0785538.96W

RWY 33: 4599 MSL AAO 383036.01N-0791102.88W; 1939 MSL AAO 382330.93N-0785940.23W; 1479 MSL AAO 382339.06N-0785944.64W

VCOA: 4599 MSL AAO 383036.01N-0791102.88W, 1959 AAO 381955.78N-0785840.98W

QUALITY
9
CHECKED

(5) City, State BRIDGEWATER, VA	(6) Airport BRIDGEWATER AIR PARK	(7) Effective Date 06 MAY 2010	(8) Amdt. No. 2
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
GPS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH																																																																																										
FROM	TO	COURSE AND DISTANCE	ALTITUDE																																																																																											
				ADDITIONAL FLIGHT DATA:																																																																																										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____				MAG VAR: _____ EPOCH YEAR: _____																																																																																										
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TAKEOFF:</td> <td style="width: 10%;">STANDARD</td> <td colspan="4" style="width: 40%;">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="4" style="width: 40%;">ALTERNATE: N A</td> </tr> <tr> <td colspan="2">CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="2" style="text-align: center;">B</td> <td colspan="2" style="text-align: center;">C</td> <td colspan="2" style="text-align: center;">D</td> <td colspan="2" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>								TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				CATEGORY =====>		A		B		C		D		E			MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																				
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A																																																																																								
CATEGORY =====>		A		B		C		D		E																																																																																				
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																		
NOTES: PROCEDURE CANCELED EFFECTIVE 03 JUN 2010																																																																																														
CITY AND STATE TALKEETNA, AK		ELEVATION: 358 TDZE: 352 AIRPORT NAME: TALKEETNA		FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 36, ORIG, 05/22/1997		SUP AMDT NONE DATE																																																																																						

QUALITY
 2
 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: PEE NDB						
TKA VOR/DME		PEE NDB		348.47 / 1.97				5100		CLIMB TO 1800 ON BEARING 352.78 FROM PEE NDB THEN CLIMBING LEFT TURN TO 2900 DIRECT PEE NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2900. ADDITIONAL FLIGHT DATA: HOLD S, LT, 352.78 INBOUND. FAS OBST: 691 AAO 621445N/1500528W FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.						
1. PT <u>R</u> SIDE OF COURSE <u>172.78</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>PEE NDB</u> (IAF) 2. _____ 3. FAC <u>352.78</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: PEE NDB 7800										MAG VAR: 19E EPOCH YEAR: 2010						
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA		@				
CATEGORY =====>		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-36	1300	1 1/4	948	1300	1 1/4	948	1300	2 3/4	948	1300	3	948				
CIRCLING	1300	1 1/4	942	1300	1 1/4	942	1300	2 3/4	942	1300	3	942				
NOTES: CHART NOTE: CIRCLING NA FOR CATS B, C, AND D EAST OF RWY 18-36. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TKA VOR/DME VIA T242 SOUTHEAST BOUND. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING AND INCREASE SEE 8260-10																
CITY AND STATE TALKEETNA, AK		ELEVATION: 358 TDZE: 352 AIRPORT NAME: TALKEETNA		FACILITY IDENTIFIER: PEE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 36, AMDT 2, 06/03/2010 03 JUN 2010				SUP AMDT 1C DATE 09/05/2003						

QUALITY
 2
 CHECKED

**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.

NOTES CONT.**ALL MDA 120 FEET AND VISIBILITY CAT B 1/4 MILE.**

QUALITY
2
CHECKED

CITY AND STATE

TALKEETNA, AK

ELEVATION: 358

TDZE: 352

AIRPORT NAME:

TALKEETNA

FACILITY
IDENTIFIER:

PEE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

NDB RWY 36, AMDT 2, 06/03/2010

03 JUN 2010

SUP:

AMDT: 1C

DATED: 09/05/2003

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	
EGRAM	FOSXI (FB)	176.25 / 23.63	6000	LNAV: RW36 CLIMBING LEFT TURN TO 2900 DIRECT JOZPO AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 650 TREE 621843N/1500520W CHART VDP AT 1.66 MILES TO RW36. EZZOL TO RW36: 3.04/45.
FOSXI	JOZPO (FO)	176.79 / 15.98	3100	
URTOW (IAF)	JOZPO (NOPT) (FB)	291.70 / 7.99	2900	
JOZPO (IF/IAF)	EZZOL (FB)	007.88 / 6.02	2000	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S JOZPO, RT, 007.88 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
- FAC: 007.97 FAF: EZZOL DIST FAF TO MAP: 4.98 THLD: 4.98
- MIN. ALT: JOZPO 2900, EZZOL 2000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCP: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS **CLEAR**
- MSA FROM: RW36 8000

MAG VAR: 19E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		900	1	548	900	1	548	900	1 1/2	548	900	1 3/4	548			
CIRCLING		960	1	602	960	1	602	960	1 3/4	602	960	2	602			

NOTES:
 CHART NOTE: CIRCLING NA FOR CATS B, C, AND D EAST OF RWY 18-36.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING AND INCREASE
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.



CITY AND STATE TALKEETNA, AK	ELEVATION: 358 TDZE: 352 AIRPORT NAME: TALKEETNA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG, 06/03/2010 03 JUN 2010	SUP: AMDT: NONE DATED
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RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

ALL MDA 120 FEET AND VISIBILITY CAT C AND D 1/4 MILE.
CHART NOTE: VDP NA WITH WASILLA ALTIMETER SETTING.

QUALITY
CHECKED

CITY AND STATE

TALKEETNA, AK

ELEVATION: 358 TDZE: 352

AIRPORT NAME:

TALKEETNA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG, 06/03/2010

03 JUN 2010

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]

QUALITY
4
CHECKED

CITY AND STATE TALKEETNA, AK	ELEVATION: 358 TDZE: 352 AIRPORT NAME: TALKEETNA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG, 06/03/2010 03 JUN 2010	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
4
CHECKED

CITY AND STATE TALKEETNA, AK	ELEVATION: 358 TDZE: 352 AIRPORT NAME: TALKEETNA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG, 06/03/2010 03 JUN 2010	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 18, 300-1 1/4.

RWY 36, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 18 - CLIMB HEADING 188.05 TO 1500 THEN CLIMBING RIGHT TURN DIRECT TKA VOR/DME, THENCE ...

RWY 36 - CLIMB HEADING 008.04 TO 1000 THEN CLIMBING LEFT TURN DIRECT TKA VOR/DME, THENCE ...

... CONTINUE CLIMB-IN-HOLD IN TKA VOR/DME HOLDING PATTERN (HOLD S, LT, 351.82 INBOUND) TO CROSS TKA VOR/DME AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES BEGINNING 1829 FT FROM DER, 978 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/648 FT MSL. NOTE: RWY 36, TREE 1117 FT FROM DER, 390 FT RIGHT OF CENTERLINE, 60 FT AGL/484 FT MSL.

(4) CONTROLLING OBSTACLES:

RWY 18, 36: 1446 FT MSL AAO 621655.28N/1500023.13W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 18, 36 - 14069 FT MSL AAO 625512.00N/1510400.00W.



(5) City, State

TALKEETNA, AK

(6) Airport

TALKEETNA

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.						
TERMINAL ROUTES					MISSED APPROACH						
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 1.08 MILES AFTER TKA VOR/DME CLIMB TO 2300 ON TKA VOR/DME R-352 THEN CLIMBING LEFT TURN TO 3200 DIRECT TKA VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3200. ADDITIONAL FLIGHT DATA: HOLD S, LT, 351.82 INBOUND. CHART FAS OBST: 650 TREE 621843N/1500520W TKA VOR/DME TO RW36: 7.89/45.							
1. PT <u>R</u> SIDE OF COURSE <u>171.82</u> OUTBOUND <u>2800</u> FT WITHIN <u>10</u> MILES OF <u>TKA VOR/DME</u> (IAF) 2. _____ 3. FAC <u>351.82</u> FAF <u>TKA VOR/DME</u> DIST FAF TO MAP <u>1.08</u> THLD _____ 4. MIN. ALT <u>TKA VOR/DME 1300</u> 8. MSA FROM: <u>TKA VOR/DME 8000</u>					MAG VAR: 19E EPOCH YEAR: 2010						
MINIMUMS											
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		STANDARD @		
CATEGORY >>>>>	A		B		C		D		E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA		
CIRCLING	1080	1	722	1080	1	722	1080	2	722		
NOTES: CHART NOTE: CIRCLING NA FOR CATS B, C, D EAST OF RWY 18-36. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TKA VOR/DME VIA T242 SOUTHEAST BOUND. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10											
CITY AND STATE TALKEETNA, AK			ELEVATION: 358 TDZE: AIRPORT NAME: TALKEETNA		FACILITY IDENTIFIER: TKA		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-A, AMDT 10, 06/03/2010 03 JUN 2010			SUP AMDT 9C DATE 07/07/2005	

 QUALITY
CHECKED

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WASILLA ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET AND VISIBILITY CAT B 1/4 MILE AND CAT C AND D 1/2 MILE.

QUALITY
2
CHECKED

CITY AND STATE

TALKEETNA, AK

ELEVATION: 358 TDZE:

AIRPORT NAME:

TALKEETNA

FACILITY
IDENTIFIER:
TKA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR-A, AMDT 10, 06/03/2010

03 JUN 2010

SUP:

AMDT: 9C

DATED: 07/07/2005

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.

1. PT	R	SIDE OF COURSE	171.82	OUTBOUND	2500	FT WITHIN	10	MILES OF	HISLO	(IAF)
2.										
3. FAC	351.82	FAF	HISLO/4.00	DME	DIST FAF TO MAP			THLD	5.08	
4. MIN. ALT	HISLO 1400									
6. MSA FROM:	TKA VOR/DME 8000									
										MAG VAR: 19E
										EPOCH YEAR: 2010

[illegible]

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

QUALITY
6
CHECKED

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

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, 7, 25 STANDARD

RWY 22 STANDARD WITH A MINIMUM CLIMB OF 300 FT PER NM TO 3800 or 1300-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 4,7: CLIMBING LEFT TURN INTERCEPT PMD VORTAC R-298 TO CROSS FISCH INT AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT, IF NOT AT MEA/MCA CONTINUE CLIMB IN FISCH INT HOLDING PATTERN (HOLD SE, LEFT TURNS, 298.00 INBOUND) TO CROSS FISCH INT AT OR ABOVE 6500 OR MCA FOR ROUTE OF FLIGHT.

RWY 22: CLIMBING RIGHT TURN INTERCEPT PMD VORTAC R-298 TO CROSS FISCH INT AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT, IF NOT AT MEA/MCA CONTINUE CLIMB IN FISCH INT HOLDING PATTERN (HOLD SE, LEFT TURNS, 298.00 INBOUND) TO CROSS FISCH INT AT OR ABOVE 6500 OR MCA FOR ROUTE OF FLIGHT, OR FOR CLIMB IN VISUAL CONDITIONS CROSS PALMDALE RGNL/USAF PLANT 42 AT OR ABOVE 3700 THEN VIA PMD VORTAC R-298 TO CROSS FISCH INT AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT, IF NOT AT MEA/MCA CONTINUE CLIMB IN FISCH INT HOLDING PATTERN (HOLD SE, LEFT TURNS, 298.00 INBOUND) TO CROSS FISCH INT AT OR ABOVE 6500 OR MCA FOR ROUTE OF FLIGHT.

RWY 25: CLIMBING RIGHT TURN INTERCEPT PMD VORTAC R-298 TO CROSS FISCH INT AT OR ABOVE MEA/MCA FOR ROUTE , IF NOT AT MEA/MCA CONTINUE CLIMB IN FISCH INT HOLDING PATTERN (HOLD SE, LEFT TURNS, 298.00 INBOUND) TO CROSS FISCH INT AT OR ABOVE 6500 OR MCA FOR ROUTE OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES:

RWY 25: TREE 2395 FROM DER 986' LEFT CENTERLINE, 100' AGL/2659' MSL.

(4) CONTROLLING OBSTACLES:

RWY 4, 7, 25: 9613 MSL AAO 342133.00N-1174551.00W

RWY 22: 3427 MSL AAO 343431.02N-1180308.42W

RWY 22 (VCOA): 3427 MSL AAO 343431.02N-1180308.42W

QUALITY
2
CHECKED

(5) City, State

PALMDALE, CA

(6) Airport

PALMDALE REGIONAL/USAF PLANT 42

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

2

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.															
TERMINAL ROUTES														MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE						ALTITUDE				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 INCP: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																			
7. GS ANGLE: _____ TCH: _____																			
8. MSA FROM: _____														MAG VAR: _____ EPOCH YEAR: _____					
TAKEOFF: _____		STANDARD _____		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A _____													
CATEGORY =====>		A		B		C		D		E									
DH/MDA		VIS		HAT/HAA		DH/MDA		VIS		HAT/HAA		DH/MDA		VIS		HAT/HAA			
NOTES:																			
PROCEDURE CANCELED EFFECTIVE 03 JUN 2010																			
CITY AND STATE PANAMA CITY, FL				ELEVATION: 20 TDZE: 12 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL				FACILITY IDENTIFIER: I-PFN				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS RWY 14, AMDT 16, 11/01/2001				SUP: AMDT: 15B DATED 07/31/98			

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

QUALITY
1
CHECKED

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE: 12	FACILITY IDENTIFIER: PF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 14, AMDT 5, 01/01/2002	SUP
	AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL			AMDT AMDT 4A
				DATE 2/4/83

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

QUALITY
1
CHECKED

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE: 13 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG-A, 11/23/2006	SUP: AMDT: ORIG DATED 11/27/2000
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US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE: 12 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, AMDT 1, 07/07/2005	SUP: AMDT: ORIG DATED 07/12/2001
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RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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

TERMINAL ROUTES						MISSED APPROACH											
FROM		TO		COURSE AND DISTANCE		ALTITUDE											
								ADDITIONAL FLIGHT DATA:									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. _____																	
3. FAC: _____ FAF: _____ DIST FAF TO MAP: _____ THLD: _____																	
4. MIN. ALT: _____																	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																	
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____																	
7. GS ANGLE: _____ TCH: _____																	
8. MSA FROM: _____								MAG VAR: _____ EPOCH YEAR: _____									
TAKEOFF: [] STANDARD [] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A []																	
CATEGORY =====>	A			B			C			D			E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
NOTES:																	
PROCEDURE CANCELED EFFECTIVE 03 JUN 2010																	
CITY AND STATE PANAMA CITY, FL				ELEVATION: 20 TOZE: 14 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG, 07/12/2001				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	
				ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:
 PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE: 20 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1, 07/07/2005	SUP: AMDT: ORIG DATED 07/12/2001
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TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY
CHECKED

(5) City, State PANAMA CITY, FL	(6) Airport PANAMA CITY-BAY COUNTY INTL	(7) Effective Date 06/03/10	(8) Amdt. No. 1
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
TACAN OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

QUALITY
1
CHECKED

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE: 12 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL	FACILITY IDENTIFIER: PPN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN RWY 14, AMDT 16, 11/23/2006	SUP AMDT 15B DATE 07/31/98
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION TACAN OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																																																							
TERMINAL ROUTES															MISSED APPROACH																																																																																																																																		
FROM			TO			COURSE AND DISTANCE					ALTITUDE																																																																																																																																						
															ADDITIONAL FLIGHT DATA:																																																																																																																																		
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____															MAG VAR: _____					EPOCH YEAR: _____																																																																																																																													
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">TAKEOFF: ☐</td> <td colspan="2">STANDARD ☐</td> <td colspan="10">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N/A ☐</td> <td colspan="2"></td> </tr> <tr> <td colspan="2">CATEGORY =====></td> <td colspan="3">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															TAKEOFF: ☐		STANDARD ☐		SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N/A ☐				CATEGORY =====>		A			B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																
TAKEOFF: ☐		STANDARD ☐		SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N/A ☐																																																																																																																																			
CATEGORY =====>		A			B			C			D			E																																																																																																																																			
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																																																		
NOTES: PROCEDURE CANCELED EFFECTIVE <u>03 JUN 2010</u>																																																																																																																																																	
CITY AND STATE PANAMA CITY, FL				ELEVATION: 20 TDZE: 20 AIRPORT NAME: PANAMA CITY-BAY COUNTY INTL				FACILITY IDENTIFIER: PFN		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN RWY 32, AMDT 11, 11/23/2006				SUP AMDT AMDT 10B DATE 1/12/98																																																																																																																																			

QUALITY
 1
 CHECKED

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

QUALITY
1
CHECKED

CITY AND STATE PANAMA CITY, FL	ELEVATION: 20 TDZE:	FACILITY IDENTIFIER: PFN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR OR TACAN-A, AMDT 14, 11/23/2006	SUP
	AIRPORT NAME:			AMDT 13C
	PANAMA CITY-BAY COUNTY INTL			DATE

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HARKE INT	GTP NDB	126.85 / 12.37	2400

MISSED APPROACH

MAP: 7.36 MILES AFTER GTP NDB
CLIMBING RIGHT TURN TO 2400 DIRECT GTP NDB AND HOLD.
ADDITIONAL FLIGHT DATA: HOLD S, RT, 008.86 INBOUND. FAS OBST: 499 AAO 310055N/0835041W FAC ALIGNED TO RWY 4 THLD.

1. PT L SIDE OF COURSE 118.86 OUTBOUND 2400 FT WITHIN 10 MILES OF GTP NDB (IAF).
 2. _____
 3. FAC 008.86 FAF GTP NDB DIST FAF TO MAP 7.36 THLD _____
 4. MIN. ALT GTP NDB 2000
 8. MSA FROM: GTP NDB 180-270 3300, 270-180 2600

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		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING		880	1	586	880	1	586	880	1 1/2	586	880	2	586			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALDOSTA ALTIMETER SETTING AND INCREASE @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 ALL MDA 100 FEET, INCREASE CAT C VISIBILITY 1/2 MILE, AND INCREASE CAT D VISIBILITY 1/4 MILE.

CITY AND STATE MOULTRIE, GA	ELEVATION: 294 TDZE: AIRPORT NAME: MOULTRIE MUNI	FACILITY IDENTIFIER: GTP	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB-A, ORIG-A 03 JUN 2010	SUP AMDT ORIG DATE 06/27/1996
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TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, STANDARD WITH A MINIMUM CLIMB OF 227 FEET PER NM TO 1800 OR 1600-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

RWY 13, 19, 31, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 1 - CLIMB HEADING 013.60 TO 1800 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS, CROSS AMES MUNI AIRPORT AT OR ABOVE 2400 BEFORE PROCEEDING ON COURSE.

RWY 13 - CLIMB HEADING 133.19 TO 2800 BEFORE TURNING RIGHT.

RWY 19 - CLIMB ON A HEADING BETWEEN 198 CW 013 FROM DEPARTURE END OF RUNWAY OR CLIMB ON A HEADING BETWEEN 140 CCW 013 FROM DEPARTURE END OF RUNWAY.

RWY 31 - CLIMB HEADING 313.20 TO 1500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 1, TREES BEGINNING 63' FROM DER, 374' RIGHT OF CENTERLINE, UP TO 74' AGL/974' MSL. TREES, AND WSK ON HGR BEGINNING 906' FROM DER, 714' LEFT OF CENTERLINE, UP TO 77' AGL/1007' MSL. TERRAIN AT DER, 240' LEFT OF CENTERLINE, 919' MSL. NOTE: RWY 13, TREES, ANT ON OL POLE AND ANT ON AWOS BEGINNING 42' FROM DER, 90' RIGHT OF CENTERLINE, UP TO 78' AGL/998' MSL. TERRAIN BEGINNING 34' FROM DER, 181' LEFT OF CENTERLINE, 923' MSL. TREES BEGINNING 918' FROM DER, 32' LEFT OF CENTERLINE, UP TO 83' AGL/993' MSL. NOTE: RWY 19, TREES, POLES, ROAD AND ROD ON BLDG BEGINNING 1004' FROM DER, 407' RIGHT OF CENTERLINE, UP TO 79' AGL/1059' MSL. NOTE: RWY 31, TREES, POLES AND ROADS BEGINNING 214' FROM DER, 103' RIGHT OF CENTERLINE, UP TO 57' AGL/987' MSL. TREES, POLES AND BUSH BEGINNING 135' FROM DER, 109' LEFT OF CENTERLINE, UP TO 90' AGL/1020' MSL.

(4) CONTROLLING OBSTACLES:

RWY 1: 1529 MSL TOWER 420314.00N/0933516.00W, 2996 MSL TOWER 414948.00N/0933654.60W.

RWY 1 (VCOA): 2996 MSL TOWER 414948.00N/0933654.60W. 1610 MSL TOWER 415934.00N/0934128.00W.

RWY 13, 19: 2996 MSL TOWER 414948.00N/0933654.60W.

RWY 31: 2996 MSL TOWER 414948.00N/0933654.60W. 1610 MSL TOWER 415934.00N/0934128.00W.



(5) City, State

AMES, IA

(6) Airport

AMES MUNI

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

4

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 2, 300-1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 420 FEET PER NM TO 1200.

RWY 9, 20, 27 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 2, CLIMB HEADING 015.73 TO 1300 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, MULTIPLE TOWERS, TREE, AND STACK BEGINNING 1196 FEET FROM DER, 49 FEET LEFT OF CENTERLINE, UP TO 213 FEET AGL/876 FEET MSL.

NOTE: RWY 9, MULTIPLE TREES AND BUILDING BEGINNING 243 FEET FROM DER, 358 FEET LEFT OF CENTERLINE, UP TO 64 FEET AGL/735 FEET MSL. MULTIPLE LIGHT POLES, TREES, AND SIGN BEGINNING 112 FEET FROM DER, 174 FEET RIGHT OF CENTERLINE, UP TO 77 FEET AGL/721 FEET MSL.

NOTE: RWY27, MULTIPLE TREES BEGINNING 1143 FROM DER, 634 FEET RIGHT OF CENTERLINE, UP TO 70 FEET AGL/723 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 2: 1087 MSL STACK 413759.00N/0880344.00W, 875 MSL TOWER 413755.00N/0880541.00W, 876 MSL TOWER 413755.97N/0880541.31W

(5) City, State CHICAGO/ROMEOVILLE, IL	(6) Airport LEWIS UNIVERSITY	(7) Effective Date 03 JUN 2010	(8) Amdt. No. 1
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QUALITY
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CHECK

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 5.02 MILES AFTER SONYS INT/GSH 16.04 DME OR AT GSH 11.02 DME FIX CLIMB TO 2500 DIRECT GSH VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 090.00 INBOUND. CHART FAS OBST: 994 TREE 413126N/0854524W CHART GSH R-108 AT KODHY. SONYS TO RW27: 3.04/51						
GSH VORTAC		SONYS INT/GSH 16.04 DME		089.84 / 16.04				2500								
KODHY/GSH 23.00 DME CCW (IAF)		FAPEG/GSH 23.00 DME (NOPT)		23.00 DME ARC				2500								
FAPEG/GSH 23.00 DME (IF)		SONYS INT/GSH 16.04 DME		269.84 / 6.96 (GSH R-090)				2500								
1. PT <u>R</u> SIDE OF COURSE <u>089.84</u> OUTBOUND <u>2500</u> FT WITHIN <u>10</u> MILES OF <u>SONYS</u> (IAF) 2. _____ 3. FAC <u>269.84</u> FAF <u>SONYS INT/GSH 16.04 DME</u> DIST FAF TO MAP <u>5.02</u> THLD <u>5.02</u> 4. MIN. ALT <u>SONYS 2500, HASKU/12.62 DME 1380*</u> 8. MSA FROM: <u>GSH VORTAC 3000</u>										MAG VAR: 0E		EPOCH YEAR: 1965				
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @				
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-27		1380	1	553	1380	1	553	1380	1 1/2	553	1380	1 3/4	553			
CIRCLING		1380	1	553	1380	1	553	1380	1 1/2	553	1380	2	553			
HASKU FIX MINIMUMS																
S-27		1300	1	473	1300	1	473	1300	1 1/4	473	1300	1 1/2	473			
CIRCLING		1300	1	473	1300	1	473	1300	1 1/2	473	1380	2	553			
NOTES:																
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.										@ NA WHEN LOCAL WEATHER NOT AVAILABLE.						
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WARSAW MUNI ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE HASKU FIX MINIMUMS S-27 CATS C/D VISIBILITY 1/4 MILE.																
SEE 8260-10																
CITY AND STATE		ELEVATION: 827 TDZE: 827		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP				
GOSHEN, IN				GOSHEN MUNI		GSH		VOR RWY 27, AMDT 7A 03 JUN 2010				AMDT 7				
												DATE 06/05/2008				

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

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NOTES CONT.

*1420 WHEN USING WARSAW MUNI ALTIMETER SETTING.

CHART NOTE: DESCENT ANGLE NA WHEN USING WARSAW MUNI ALTIMETER SETTING.

CITY AND STATE

GOSHEN, IN

ELEVATION: 827 TDZE: 827

AIRPORT NAME:

GOSHEN MUNI

FACILITY
IDENTIFIER:
GSH

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 27, AMDT 7A

03 JUN 2010

SUP:

AMDT: 7

DATED: 06/05/2008

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 35, NA - ENVIRONMENTAL

RWY 30, STANDARD

RWY 12, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 324 FEET PER NM TO 3000.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 30, ROAD PLUS VEHICLE'S BEGINNING 63' FROM DER, CROSSING LEFT TO RIGHT, 15' AGL/2744' MSL. TREES BEGINNING 4306' FROM DER, 17' RIGHT OF CENTERLINE, 100' AGL/2819' MSL.

(4) CONTROLLING OBSTACLES:

RWY 12: 2860 MSL TOWER 460009.00N/1023752.00W

QUALITY
2
CHECKED

(5) City, State

HETTINGER, ND

(6) Airport

HETTINGER MUNI

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 09, 27 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 343' FROM DER, 584' LEFT OF CENTERLINE, UP TO 74' AGL/823' MSL. TREES BEGINNING 26' FROM DER, 277' RIGHT OF CENTERLINE, UP TO 75' AGL/820' MSL. NOTE: RWY 27, TREES BEGINNING 938' FROM DER, 342' LEFT OF CENTERLINE, UP TO 100' AGL/859' MSL. TREES BEGINNING 379' FROM DER, 444' RIGHT OF CENTERLINE, UP TO 64' AGL/806' MSL. BUILDING 2' FROM DER, 500' LEFT OF CENTERLINE, 8' AGL/758' MSL. BUILDING 262' FROM DER, 523' RIGHT OF CENTERLINE, 34' AGL/776' MSL. SILO 292' FROM DER, 376' RIGHT OF CENTERLINE, 36' AGL/778' MSL. POLE 898' FROM DER, 413' RIGHT OF CENTERLINE, 39' AGL/778' MSL. POWER POLE 961' FROM DER, 562' RIGHT OF CENTERLINE, 48' AGL/790' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY
CHECKED

(5) City, State

FOSTORIA, OHIO

(6) Airport

FOSTORIA METROPOLITAN

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

1

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY
CHECKED

(5) City, State

KUTZTOWN, PA

(6) Airport

KUTZTOWN

(7) Effective Date
17 JUL 97

(8) Amdt. No.
ORIG

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 03 JUN 2010



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

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: RW35
DVC VORTAC	CEMOS (FB)	207.50 / 33.66	9700	CLIMBING RIGHT TURN TO 8500 DIRECT GERRO AND HOLD.
RSK VORTAC	GERRO (FO)	287.85 / 76.35	9200	
ROUGH	ZAXON (FB)	352.77 / 55.81	9700	ADDITIONAL FLIGHT DATA: CHART FAS OBST: 5849 TREE 373448N/1092935W CHART VDP AT 1.34 MILES TO RW35. APORY TO RW35: 3.04/40.
CEMOS (IAF)	GERRO (NOPT) (FB)	258.10 / 5.00	8500	
ZAXON (IAF)	GERRO (NOPT) (FB)	077.98 / 5.00	8500	
GERRO (IF/IAF)	APORY (FB)	348.05 / 6.82	7500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S GERRO, RT, 348.05 INBOUND, 8500 FT. IN LIEU OF PT (IAF)
- FAC: 348.03 FAF: APORY DIST FAF TO MAP: 5.22 THLD: 5.22
- MIN. ALT: GERRO 8500, APORY 7500
- 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 12600

MAG VAR: 12E

EPOCH YEAR: 2000

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		6240	1	419	6240	1	419	6240	1 1/4	419		NA				
CIRCLING		6380	1	512	6400	1	532	6460	1 1/2	592		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CORTEZ ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE LNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2

SEE 8260-10

CITY AND STATE BLANDING, UT	ELEVATION: 5868 TDZE: 5821 AIRPORT NAME: BLANDING MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 03 JUN 2010	SUP: AMDT: ORIG DATED 05/10/2007
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QUALITY
2
CHECKED

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

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

NOTES CONT.

MILE.

CHART PROFILE NOTE: VDP NA WITH CORTEZ ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RSK VORTAC RADIALS 316 CW 333.

QUALITY
2
CHECKED

CITY AND STATE

BLANDING, UT

ELEVATION: 5868 TDZE: 5821

AIRPORT NAME:

BLANDING MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

RNAV (GPS) RWY 35, AMDT 1

03 JUN 2010

SUP:

AMDT: ORIG

DATED: 05/10/2007

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

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ARINC PACKET - 424-18 - RNAV (GPS)

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

CITY AND STATE
BLANDING, UT

ELEVATION: 5868 TDZE: 5821
AIRPORT NAME:
BLANDING MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, AMDT 1

03 JUN 2010

SUP:	
AMDT:	ORIG
DATED:	05/10/2007

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

[illegible]

PAGE 4 OF 4 PAGES

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: 1.73 MILES AFTER BMC NDB CLIMBING LEFT TURN TO 7000 VIA HEADING 162.00 AND BMC NDB 192.00 BEARING TO KONNE INT AND LEFT TURN VIA OGD VORTAC R-281 TO OGD VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 130.00 INBOUND. CHART FAS OBST: 4325 TRMSN TWR 413206N/1120409W CHART OGD R-281 AT KONNE CHART OGD R-331 AT PERRE BMC NDB TO RW35: 5.04/45							
OGD VORTAC		KONNE INT		280.99 / 6.49				7100									
KONNE INT (IAF)		PERRE INT		011.74 / 7.77 (BMC BRG-192)				6000									
PERRE INT (IF)		BMC NDB		011.74 / 8.47 (BMC BRG-192)				5200									
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT PERRE 3. FAC <u>011.58</u> FAF <u>BMC NDB</u> DIST FAF TO MAP <u>1.73</u> THLD <u> </u> 4. MIN. ALT <u>PERRE 6000, BMC NDB 5200</u> 8. MSA FROM: <u>BMC NDB 210-320 8600, 320-210 11000</u>														MAG VAR: 13E		EPOCH YEAR: 2010	
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		4640	1	411	4680	1	451	4840	1 3/4	611		NA					
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OGDEN-HINCKLEY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND CAT C VISIBILITY 1/4 MILE.																	
CITY AND STATE				ELEVATION: 4229 TDZE:				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP	
BRIGHAM CITY, UT				AIRPORT NAME:				BMC				NDB-A, AMDT 1				AMDT ORIG	
				BRIGHAM CITY								03 JUN 2010				DATE 07/02/2009	

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: XEXXA
KREBS	KONNE (FB)	131.56 / 16.11	9900	CLIMBING LEFT TURN TO 7100 DIRECT KONNE AND HOLD.
RIDEN	KONNE (FB)	038.24 / 11.53	9100	
KONNE (IAF)	WIZSI (FB)	032.17 / 7.69	7100	
OGD VORTAC (IAF)	WIZSI (FB)	344.05 / 8.17	7100	
WIZSI (IF)	OZFEL (FB)	358.14 / 6.10	5900	
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 011.00 INBOUND. CHART FAS OBST: 4325 TWR 413206N/1120409W CHART VDP AT 0.66 MILES TO XEXXA. OZFEL TO RW35: 3.06/45. FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT WIZSI
3. FAC: 358.15 FAF: OZFEL DIST FAF TO MAP: 4.52 THLD: 5.00
4. MIN. ALT: WIZSI 7100, OZFEL 5900
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 CLEAR
8. MSA FROM: XEXXA 11200

MAG VAR: 13E

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	4640	1	411	4640	1	411	4640	1 1/4	411		NA					
CIRCLING	4640	1	411	4680	1	451	4840	1 3/4	611		NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VDP NA WITH OGDEN ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OGDEN ALTIMETER SETTING AND INCREASE ALL MDA 100 FT, INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OGD VORTAC ON V21 SOUTHEAST BOUND.

CITY AND STATE	ELEVATION: 4229 TDZE: 4229	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 03 JUN 2010	SUP: RNAV (GPS) RWY 34 AMDT: ORIG DATED 06/08/2006
BRIGHAM CITY, UT	AIRPORT NAME: BRIGHAM CITY			

QUALITY
6
CHECKED

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[illegible][illegible][illegible]

1	2	3	4	5	6	7	8	9	10	11	12	13
SUSAP	KBMCK2FR35	AKREBS	010KREBSK2EA0E	IF					18000		B	JS
SUSAP	KBMCK2FR35	AKREBS	020KONNEK2EA0E	A 020TF	13160161		+	09900			B	JS
SUSAP	KBMCK2FR35	AKREBS	030WIZSIK2EA0EE	BL010TFY	03220077		+	07100			B	JS
SUSAP	KBMCK2FR35	AOGD	010OGD K2D 0V	A IF					18000		B	JS
SUSAP	KBMCK2FR35	AOGD	020WIZSIK2EA0RE	B 010TF	34410082		+	07100			B	JS
SUSAP	KBMCK2FR35	ARIDEN	010RIDENK2EA0E	IF					18000		B	JS
SUSAP	KBMCK2FR35	ARIDEN	020KONNEK2EA0E	A 020TF	03820115		+	09100			B	JS
SUSAP	KBMCK2FR35	ARIDEN	030WIZSIK2EA0EE	B 010TF	03220077		+	07100			B	JS
SUSAP	KBMCK2FR35	R	010WIZSIK2EA0E	I IF				+	07100	18000	B	JS
SUSAP	KBMCK2FR35	R	020OZFELK2EA1E	F 051TF	35810061		+	05900			KEXXA K2EAB	JS
SUSAP	KBMCK2FR35	R	020OZFELK2EA2WN			N	ALNAV					JS
SUSAP	KBMCK2FR35	R	030KEXXAK2EA0EY	M 031TF	35820045			04434		-306	B	JS
SUSAP	KBMCK2FR35	R	040	0 M 010CA	3582		+	04629			B	JS
SUSAP	KBMCK2FR35	R	050KONNEK2EA0EY	L010DP				+	07100		B	JS
SUSAP	KBMCK2FR35	R	060KONNEK2EA0EE	R020HM	01100070		+	07100			B	JS

QUALITY
A
CHECKED

CITY AND STATE BRIGHAM CITY, UT	ELEVATION: 4229 TDZE: 4229 AIRPORT NAME: BRIGHAM CITY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 03 JUN 2010	SUP: RNAV (GPS) RWY 34
				AMDT: ORIG
				DATED: 06/08/2006

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QUALITY
CHECKED

SUP:	RNAV (GPS) RWY 34
AMDT:	ORIG
DATED:	06/08/2006

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, STANDARD

RWY 35, STANDARD WITH MINIMUM CLIMB OF 325 FT PER NM TO 5300 OR 5100-3 FOR CLIMB IN VISUAL CONDITIONS

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17: CLIMBING RIGHT TURN HEADING 207.00 AND OGD R-331 TO OGD VORTAC BEFORE PROCEEDING ON COURSE.

RWY 35: CLIMBING LEFT TURN HEADING 207.00 AND OGD R-331 TO OGD VORTAC OR FOR CLIMB IN VISUAL CONDITIONS: CROSS BRIGHAM CITY AIRPORT SOUTHBOUND AT OR ABOVE 9200 THEN VIA OGD R-351 TO OGD VORTAC BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, POLES 266' FROM DER, 558' RIGHT OF CENTERLINE, 30' AGL/4258' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 9963 MSL AAO 412305.30N/1115827.10W

RWY 35: 5039 MSL AAO 413701.84N/1120311.94W, 9572 MSL AAO 413810.30N/1120039.80W

RWY 35 (VCOA): 8857 MSL AAO 413650.99N/1120034.06W

(5) City, State

BRIGHAM CITY, UT

(6) Airport

BRIGHAM CITY

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

6

QUALITY
2
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES										MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE				ALTITUDE												
										ADDITIONAL FLIGHT DATA:								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____															MAG VAR: _____		EPOCH YEAR: _____	
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 _____ 03 JUN 2010																		
CITY AND STATE DANVILLE, VA				ELEVATION: 571 TDZE: 568 AIRPORT NAME: DANVILLE REGIONAL				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 20, ORIG-A, 07/10/2003				SUP AMDT ORIG DATE 10/10/1996				



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. Cellings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW02 CLIMB TO 2800 DIRECT ORDUH AND VIA TRACK 009.64 TO JAVVA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 012.66 INBOUND. CHART FAS OBST: 659 TREE 363330N/0791953W FAS OBST: 779 AAO 363038N/0792147W DISTANCE TO THLD FROM 200 HAT: 0.53 NM. CHART VDP AT 1.42 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 42916 REFERENCE PATH ID: W02A											
SBV VORTAC	LANTA (FO)	235.93 / 26.17	2500												
DAN VOR	LANTA (FO)	205.89 / 12.07	2500												
REIDE (IAF)	LANTA (NOPT) (FB)	073.51 / 8.55	2500												
LANTA (IF/IAF)	JIMIL (FB)	025.26 / 6.98	2100												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW LANTA, RT, 025.26 INBOUND, 2500 FT. IN LIEU OF PT (IAF) 3. FAC: <u>025.29</u> FAF: <u>JIMIL</u> DIST FAF TO MAP: <u>4.68</u> THLD: <u>4.68</u> 4. MIN. ALT: <u>LANTA 2500, JIMIL 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>2100</u> GS ALT AT: <u>JIMIL 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.4</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW02 3200</u>				MAG VAR: <u>9W</u> EPOCH YEAR: <u>2010</u>											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY >>>>>	A		B		C		D	E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	758	1/2	200	758	1/2	200	758	1/2	200	758	1/2	200			
LNAV/VNAV DA	1036	1 1/4	478	1036	1 1/4	478	1036	1 1/4	478	1036	1 1/4	478			
LNAV MDA	1040	1/2	482	1040	1/2	482	1040	3/4	482	1040	1	482			
CIRCLING	1080	1	509	1080	1	509	1080	1 1/2	509	1140	2	569			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ROXBORO, NC ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROXBORO, NC ALTIMETER SETTING AND SEE 8260-10. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 571 TDZE: 558		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
DANVILLE, VA		AIRPORT NAME: DANVILLE REGIONAL				RNAV (GPS) RWY 2, ORIG 03 JUN 2010				AMDT: NONE					
										DATED					

 QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C,D
VISIBILITY 1/4 MILE.

CHART NOTE: CIRCLING NA AT NIGHT TO RWY 31.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING ROXBORO, NC ALTIMETER SETTING, INCREASE LPV ALL CATS
VISIBILITY TO 1.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBV VORTAC AIRWAY RADIALS 203 CW 252.

CHART NOTE: VDP NA WITH ROXBORO, NC ALTIMETER SETTING.



CITY AND STATE

DANVILLE, VA

ELEVATION: 571 TDZE: 558

AIRPORT NAME:

DANVILLE REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG

03 JUN 2010

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 KDAN
RUNWAY RW02
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W02A
LTP/FTP LATITUDE 363346.5485N
LTP/FTP LONGITUDE 0792029.3265W
LTP/FTP ELLIPSOIDAL HEIGHT +01313
FPAP LATITUDE 363448.2300N
FPAP LONGITUDE 0792006.9500W
THRESHOLD CROSSING HEIGHT (TCH) 00054.4
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

7A27FC68

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +01631
FPAP ORTHOMETRIC HEIGHT +01631

QUALITY
9
CHECKED

CITY AND STATE
DANVILLE, VA

ELEVATION: 571 TDZE: 558
AIRPORT NAME:
DANVILLE REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, ORIG
03 JUN 2010

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]

6
CHECKED

CITY AND STATE DANVILLE, VA	ELEVATION: 571 TDZE: 558 AIRPORT NAME: DANVILLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, ORIG 03 JUN 2010	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. Cellings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

SUSAP KDANK6GRW02 0065000253 N36334655W079202933+0300 +0131300535000054150I

SUSAP	KDANK6PR02	RW02	001	0000W02A0N3633465485W07920293265+013130300N3634482300W07920069500106750000000544F4003507A27FC68
SUSAP	KDANK6PR02	RW02	002E	+01631+01631LPV 42916

SUSAP KDANK6SRW02 K6PG 0 18018003225 M

QUALITY
6
CHECKED

PAGE 5 OF 5 PAGES

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.													
TERMINAL ROUTES								MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 2500 DIRECT LANTA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 025.26 INBOUND. CHART FAS OBST: 736 TANK 363525N/0792020W CHART FAS OBST: 759 TREE 363641N/0792009W CHART 779 TREE 363658N/0791827W. DISTANCE TO THLD FROM 200 HAT: 0.49 NM. CHART VDP AT 1.28 MILES TO RW20* *LNAV ONLY. WAAS CHANNEL # 87116 REFERENCE PATH ID: W20A									
DUNCE (IAF)		HIVDO (FB)		127.49 / 11.86		2500											
SBV VORTAC (IAF)		HIVDO (FB)		299.71 / 13.29		2500											
HIVDO (IF)		ORDUH (FB)		205.35 / 6.04		2200											
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 HIVDO 3. FAC: <u>205.33</u> FAF: <u>ORDUH</u> DIST FAF TO MAP: <u>4.92</u> THLD: <u>4.92</u> 4. MIN. ALT: <u>HIVDO 2500, ORDUH 2200, HEVSO/2.40 NM TO RW20 1380*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>ORDUH 2200</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>RW20 3300</u>								MAG VAR: <u>9W</u> EPOCH YEAR: <u>2010</u>									
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		STANDARD @							
CATEGORY ==>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	768	3/4	200	768	3/4	200	768	3/4	200	768	3/4	200					
LNAV/VNAV DA	1026	1 1/2	458	1026	1 1/2	458	1026	1 1/2	458	1026	1 1/2	458					
LNAV MDA	1020	1	452	1020	1	452	1020	1 1/4	452	1020	1 1/2	452					
CIRCLING		1080	1	509	1080	1	509	1080	1 1/2	509	1140	2	569				
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING ROXBORO, NC ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY SEE 8260-10																	
CITY AND STATE DANVILLE, VA				ELEVATION: 571 TDZE: 568 AIRPORT NAME: DANVILLE REGIONAL				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 03 JUN 2010				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 ROXBORO, NC ALTIMETER SETTING AND INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE AND LNAV CATS C AND D 1/4 MILE.

CHART NOTE: CIRCLING NA AT NIGHT TO RWY 31.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SBV VORTAC AIRWAY RADIALS 252 CW 300.

CHART NOTE: VDP NA WITH ROXBORO, NC ALTIMETER SETTING.



CITY AND STATE

DANVILLE, VA

ELEVATION: 571 TDZE: 568

AIRPORT NAME:

DANVILLE REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, ORIG

03 JUN 2010

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	KDAN
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	363439.6880N
LTP/FTP LONGITUDE	0792010.0515W
LTP/FTP ELLIPSOIDAL HEIGHT	+01398
FPAP LATITUDE	363314.0600N
FPAP LONGITUDE	0792041.1100W
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	1040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

CD6270B0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01717
FPAP ORTHOMETRIC HEIGHT	+01717

CITY AND STATE

DANVILLE, VA

ELEVATION: 571 TDZE: 568

AIRPORT NAME:

DANVILLE REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, ORIG

03 JUN 2010

SUP:

AMDT: NONE

DATED:

QUALITY
9
CHECKED

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

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

QUALITY
6
CHECKED

CITY AND STATE DANVILLE, VA	ELEVATION: 571 TDZE: 568 AIRPORT NAME: DANVILLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 03 JUN 2010	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

QUALITY
6
CHECKED

CITY AND STATE DANVILLE, VA	ELEVATION: 571 TDZE: 568 AIRPORT NAME: DANVILLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 20, ORIG 03 JUN 2010	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 03 JUN 2010

QUALITY
5
CHECKED

CITY AND STATE FARMVILLE, VA	ELEVATION: 417 TDZE: 417 AIRPORT NAME: FARMVILLE REGIONAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 21, ORIG, 08/13/1998	SUP AMDT NONE DATE
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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		
FAK VORTAC	FVX NDB	256.32 / 30.96	2500	MAP: FVX NDB CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 2500 DIRECT FVX NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 039.09 INBOUND. FAS OBST: 819 AAO 371430N/0783509W FAC CROSSES RWY C/L EXTENDED 2999 FROM THLD.	

1. PT R SIDE OF COURSE 219.09 OUTBOUND 2500 FT WITHIN 10 MILES OF FVX NDB (IAF)
 2. _____
 3. FAC 039.09 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: FVX NDB 2900

MAG VAR: 9W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A				@					
CATEGORY =====>		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-3	1220	1	810	1220	1 1/4	810	1220	2 1/4	810		NA					
CIRCLING	1220	1	804	1220	1 1/4	804	1220	2 1/4	804		NA					

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNCHBURG ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET. INCREASE VISIBILITY CATS A AND B 1/4, CAT C 3/4.

@ CAT A, B 900-2, CAT C 900-2 1/4
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE

QUALITY
CHECKED
6

CITY AND STATE FARMVILLE, VA	ELEVATION: 416 TDZE: 410	FACILITY IDENTIFIER: FVX	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 3, AMDT 6 03 JUN 2010	SUP NDB OR GPS RWY
	AIRPORT NAME: FARMVILLE RGNL			3
				AMDT 5
				DATE 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		LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 3000 DIRECT BODRY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 209.31 INBOUND. CHART FAS OBST: 519 TREE 372041N/0782701W CHART FAS OBST: 629 TREE 371855N/0782804W CHART 810 TOWER 371707N/0782938W. CHART 699 TREE 371833N/0782818W DISTANCE TO THLD FROM 310 HAT: 0.80 NM. WAAS CHANNEL # 49017 REFERENCE PATH ID: W03A								
INSAC (IAF)		WAMPO (NOPT) (FB)		119.10 / 7.72			3000										
LELLI (IAF)		WAMPO (NOPT) (FB)		331.95 / 12.02			3000										
WAMPO (IF/IAF)		NUVME (FB)		029.19 / 6.72			2500										
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW WAMPO, RT, 029.19 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>029.22</u> FAF: <u>NUVME</u> DIST FAF TO MAP: <u>6.28</u> THLD: <u>6.28</u> 4. MIN. ALT: <u>WAMPO 3000, NUVME 2500, JILAR/2.80 NM TO RW03 1360'</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>NUVME 2500</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>56.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW03 2900</u>										MAG VAR: 9W		EPOCH YEAR: 2000					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	720	1	310	720	1	310	720	1	310		NA						
LNAV/VNAV DA	812	1 1/2	402	812	1 1/2	402	812	1 1/2	402		NA						
LNAV MDA	880	1	470	880	1	470	880	1 1/4	470		NA						
CIRCLING	900	1	484	900	1	484	900	1 1/2	484		NA						
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING LYNCHBURG ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 416 TDZE: 410				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
FARMVILLE, VA				AIRPORT NAME: FARMVILLE RGNL				RNAV				RNAV (GPS) RWY 3, ORIG 03 JUN 2010				AMDT: NONE	
																DATED	

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

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNCHBURG ALTIMETER SETTING AND INCREASE ALL DA 158 FEET AND ALL MDA 160 FEET. INCREASE LPV AND RNAV/VNAV VISIBILITY 1/2 MILE ALL CATS; RNAV CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.



CITY AND STATE

FARMVILLE, VA

ELEVATION: 416

TDZE: 410

AIRPORT NAME:

FARMVILLE RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

03 JUN 2010

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFBX
RUNWAY RW03
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W03A
REFERENCE PATH IDENTIFIER (APPROACH ID) 372106.6910N
LTP/FTP LATITUDE 0782625.4785W
LTP/FTP LONGITUDE +00935
LTP/FTP ELLIPSOIDAL HEIGHT 372230.3800N
FPAP LATITUDE 0782546.7900W
FPAP LONGITUDE 00056.0
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 1408
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

16ACB508

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +01249
FPAP ORTHOMETRIC HEIGHT +01249

QUALITY
6
CHECKED

CITY AND STATE

FARMVILLE, VA

ELEVATION: 416

TDZE: 410

AIRPORT NAME:

FARMVILLE RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

03 JUN 2010

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 KFXVK6FR03	AINSAC	010INSACK6EA0E	A	IF						18000		A JS	
SUSAP KFXVK6FR03	AINSAC	020WAMPOK6EA0EE	B	010TF			11910077	+	03000			A JS	
SUSAP KFXVK6FR03	ALELLI	010LELLIK6EA0E	A	IF						18000		A JS	
SUSAP KFXVK6FR03	ALELLI	020WAMPOK6EA0EE	B	010TF			33200120	+	03000			A JS	
SUSAP KFXVK6FR03	AWAMPO	010WAMPOK6EA0EE	AR	HF			02920040	+	03000	18000		A JS	
SUSAP KFXVK6FR03	R	010WAMPOK6EA0E	I	IF				+	03000	18000		A JS	
SUSAP KFXVK6FR03	R	020NUVMEK6EA1E	F	051TF			02920067	+	02500		RW03	K6PGA	JS
SUSAP KFXVK6FR03	R	020NUVMEK6EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KFXVK6FR03	R	021JILARK6EA0E	S	031TF			02920035	V	0136001365		-300	A JS	
SUSAP KFXVK6FR03	R	030RW03	K6PG0GY	M	031TF		02920028		00466		-300	A JS	
SUSAP KFXVK6FR03	R	040		M	010CA		0292	+	00720			A JS	
SUSAP KFXVK6FR03	R	050BODRYK6EA0EY		010DF				+	03000			A JS	
SUSAP KFXVK6FR03	R	060BODRYK6EA0EE		L020HM			20930040	+	03000			A JS	

[illegible]

CITY AND STATE FARMVILLE, VA	ELEVATION: 416 TDZE: 410 AIRPORT NAME: FARMVILLE RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 03 JUN 2010	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	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KVVXK6PR03	RW03 001	0000W03A0N3721066910W07826254785+009350300N3722303800W07825467900106751408000560F40050016ACB508										
	SUSAP KVVXK6PR03	RW03 002E	+01249+01249LPV	49017									

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KVVXK6SRW03 K6PG	0	18018002925									M	

QUALITY
6
CHECK

CITY AND STATE
FARMVILLE, VA

ELEVATION: 416 TDZE: 410
AIRPORT NAME:
FARMVILLE RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 3, ORIG
03 JUN 2010

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					
FAK VORTAC	AFIGY (FB)	284.50 / 12.50	3000	LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 3000 DIRECT WAMPO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 029.19 INBOUND. CHART FAS OBST: 529 TREE 372230N/0782528W CHART FAS OBST: 559 TREE 372421N/0782552W CHART 669 TREE 372710N/0782452W. DISTANCE TO THLD FROM 280 HAT: 0.72 NM. WAAS CHANNEL # 70517 REFERENCE PATH ID: W21A				
AFIGY (IAF)	BODRY (NOPT) (FB)	284.34 / 12.07	3000					
COLAB (IAF)	BODRY (NOPT) (FB)	119.26 / 4.43	3000					
BODRY (IF/IAF)	DEPOY (FB)	209.31 / 6.73	2500					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NE BODRY, LT, 209.31 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 209.28 FAF: DEPOY _____ DIST FAF TO MAP: 6.27 THLD: 6.27 4. MIN. ALT: BODRY 3000, DEPOY 2500, SIBTE/3.20 NM TO RW21 1480* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: DEPOY 2500 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR 8. MSA FROM: RW21 2900				MAG VAR: 9W EPOCH YEAR: 2000				
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	696	1	280	696	1	280	696	1
LNAV/VNAV DA	866	1 1/2	450	866	1 1/2	450	866	1 1/2
LNAV MDA	860	1	444	860	1	444	860	1 1/4
CIRCLING	900	1	484	900	1	484	900	1 1/2
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY SEE 8260-10								
CITY AND STATE		ELEVATION: 416 TDZE: 416		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
FARMVILLE, VA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 21, ORIG		AMDT: NONE
		FARMVILLE RGNL				03 JUN 2010		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 LYNCHBURG ALTIMETER SETTING AND INCREASE ALL DA 158 FEET AND ALL MDA 160 FEET. INCREASE LPV ALL CATS , LNAV AND CIRCLING CAT C VISIBILITY 1/2 MILE ; INCREASE LNAV/VNAV VISIBILITY 3/4 MILE ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FAK VORTAC AIRWAY RADIALS 263 CW 338.

QUALITY
6
CHECKED

CITY AND STATE

FARMVILLE, VA

ELEVATION: 416

TDZE: 416

AIRPORT NAME:

FARMVILLE RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, ORIG

03 JUN 2010

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KFBX
RUNWAY RW21
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W21A
LTP/FTP LATITUDE 372147.5040N
LTP/FTP LONGITUDE 0782606.6205W
LTP/FTP ELLIPSOIDAL HEIGHT +00953
FPAP LATITUDE 372023.8000N
FPAP LONGITUDE 0782645.2900W
THRESHOLD CROSSING HEIGHT (TCH) 00052.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1408
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

46248D77

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +01267
FPAP ORTHOMETRIC HEIGHT +01267

QUALITY
6
CHECKED

CITY AND STATE FARMVILLE, VA	ELEVATION: 416 TDZE: 416 AIRPORT NAME: FARMVILLE RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 03 JUN 2010	SUP: AMDT: NONE DATED:
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	FAK	K6011330VTH	N37314263W077494159		N37314263W077494159W0060004602				NARFLAT	ROCK			

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	APIGY K60	W	N37325356W078052034						NAR	APIGY			
SUSAEAENRT	BODRY K60	W	N37340004W078202706						NAR	BODRY			
SUSAEAENRT	COLAB K60	C L	N37353229W078254069						NAR	COLAB			
SUSAEAENRT	DEPOY K60	W	N37274098W078232302						NAR	DEPOY			
SUSAEAENRT	SIBTE K60	W	N37244784W078244321						NAR	SIBTE			
SUSAEAENRT	WAMPO K60	W	N37085386W078320316						NAR	WAMPO			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KFVXK6AFVX	0	044YHN37212710W078261610W009000416					1800018000C	MNAR	FARMVILLE	RGNL		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KFVXK6FR21	ABODRY	010BODRYK6EA0EE	AL	HF			20930040	+ 03000	18000			A JS	
SUSAP KFVXK6FR21	ACOLAB	010COLABK6EA0E	A	IF					18000			A JS	
SUSAP KFVXK6FR21	ACOLAB	020BODRYK6EA0EE	B	010TF		11930044	+ 03000					A JS	
SUSAP KFVXK6FR21	AFAK	010FAK K6D	OV	IF					18000			A JS	
SUSAP KFVXK6FR21	AFAK	020APIGYK6EA0E	A	020TF		28450125	+ 03000					A JS	
SUSAP KFVXK6FR21	AFAK	030BODRYK6EA0EE	B	010TF		28430121	+ 03000					A JS	
SUSAP KFVXK6FR21	R	010BODRYK6EA0E	I	IF			+ 03000		18000			A JS	
SUSAP KFVXK6FR21	R	020DEPOYK6EA1E	F	051TF		20930067	+ 02500				RW21 K6PGA	JS	
SUSAP KFVXK6FR21	R	020DEPOYK6EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KFVXK6FR21	R	021SIBTEK6EA0E	S	031TF		20930031	V 0148001496		-300			A JS	
SUSAP KFVXK6FR21	R	030RW21 K6PGOGY	M	031TF		20930032	00468		-300			A JS	
SUSAP KFVXK6FR21	R	040	0	M 010CA		2093	+ 00696					A JS	
SUSAP KFVXK6FR21	R	050WAMPOR6EA0EY		010DF			+ 03000					A JS	
SUSAP KFVXK6FR21	R	060WAMPOR6EA0EE		R020HM		02920040	+ 03000					A JS	

QUALITY
6
CHECKED

CITY AND STATE FARMVILLE, VA	ELEVATION: 416 TDZE: 416	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 03 JUN 2010	SUP:
	AIRPORT NAME: FARMVILLE RGNL			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	KFVXK6GRW21	0044002093	N37214750W078260662-0100										
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KFVXK6PR21	RW21 001	0000W21A0N3721475040W07826066205+009530300N3720238000W07826452900106751408000520F40050046248D77										
SUSAP	KFVXK6PR21	RW21 002E	+01267+01267LPV	70517									
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KFVXK6SRW21	K6PG	0	18018002925									M

QUALITY
6
CHECKED

CITY AND STATE

FARMVILLE, VA

ELEVATION: 416 TDZE: 416

AIRPORT NAME:

FARMVILLE RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, ORIG

03 JUN 2010

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 4, 22, NA - ENVIRONMENT

RWY 14, 32, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 14, TREES BEGINNING 93' FROM DER, 225' RIGHT OF CENTERLINE, UP TO 100' AGL/1709' MSL. TREES BEGINNING 279' FROM DER, 441' LEFT OF CENTERLINE, UP TO 100' AGL/1709' MSL. NOTE: RWY 32, TREES BEGINNING 70' FROM DER, 343' LEFT OF CENTERLINE, UP TO 100' AGL/1714' MSL. TREES BEGINNING 151' FROM DER, 362' RIGHT OF CENTERLINE, UP TO 100' AGL/1714' MSL. ROAD 617' FROM DER, 44' RIGHT OF CENTERLINE, 15' AGL/1634' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MANITOWISH WATERS, WI

(6) Airport

MANITOWISH WATERS

(7) Effective Date

03 JUN 2010

(8) Amdt. No.

ORIG

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	CEGPI TO RW03: 3.13/52. CHART (EVPIJ) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE. FAC CROSSES RWY C/L EXTENDED 405 FROM THLD. MAG VAR: 12E EPOCH YEAR: 1990
2. <u>PROFILE STARTS AT FASUT/29.00 DME</u>	
3. FAC <u>024.46</u> FAF <u>CEGPI/20.80 DME</u> <u> </u> DIST FAF TO MAP <u> </u> THLD <u>6.09</u>	
4. MIN. ALT <u>FASUT 8400, CEGPI 7400, CUMGA/18.40 DME 6600, HUSAS/17.20 DME 6200</u>	
8. MSA FROM: <u>DDY VORTAC 090-270 9500, 270-090 7600</u>	

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DDY VORTAC ON V85-330 EASTBOUND, AND FOR ARRIVALS AT NUNTE ON V589 SOUTHEAST BOUND.

QUALITY
2
CHECKED

CITY AND STATE CASPER, WY	ELEVATION: 5350 TDZE: 5328 AIRPORT NAME: CASPER/NATRONA COUNTY INTL	FACILITY IDENTIFIER: DDY	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 3, AMDT 5 03 JUN 2010	SUP
				AMDT 4B
				DATE 06/04/2009

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

QUALITY
b
CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30717 ; Amdt. No. 3367]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

For Examination -

1. FAA Rules Docket, FAA Headquarters Building, 800 Independence Avenue, SW, Washington, DC 20591;

2. The FAA Regional Office of the region in which the affected airport is located;

3. The National Flight Procedures Office, 6500 South MacArthur Blvd., Oklahoma City, OK 73169 or,

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to:

http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

Availability - All SIAPs are available online free of charge.

Visit nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from:

1. FAA Public Inquiry Center (APA-200), FAA Headquarters Building, 800 Independence Avenue, SW., Washington, DC 20591; or

2. The FAA Regional Office of the region in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight Procedure Standards Branch (AFS-420) Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd., Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This rule amends Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) by amending the referenced SIAPs. The complete regulatory description of each SIAP is listed on the appropriate FAA Form 8260, as modified by the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and §97.20 of Title 14 of the Code of Federal Regulations.

The large number of SIAPs, their complex nature, and the need for a special format make their verbatim publication in the Federal Register expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, but refer to their graphic depiction on charts printed by publishers of aeronautical materials. Thus, the advantages of incorporation by reference are realized and publication of the complete description of each SIAP contained in FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAP and the corresponding effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP as amended in the transmittal. For safety and timeliness of change considerations, this amendment incorporates only specific changes contained for each SIAP as modified by FDC/P-NOTAMs.

The SIAPs, as modified by FDC P-NOTAM, and contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these changes to SIAPs, the TERPS criteria were applied only to specific conditions existing at the affected airports. All SIAP amendments in this rule have been previously issued by the FAA in a FDC NOTAM as an emergency action of immediate flight safety relating directly to published aeronautical charts. The circumstances which created the need for all these SIAP amendments requires making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs and safety in air commerce, I find that notice and public procedure before adopting these SIAPs are impracticable and contrary to the public interest and, where applicable, that good cause exists for making these SIAPs effective in less than 30 days.

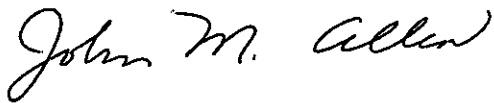
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on March 19, 2010.

A handwritten signature in cursive script that reads "John M. Allen".

John M. Allen
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, ILS/DME, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
6-May-10	IN	MUNCIE	DELAWARE COUNTY JOHNSON FIELD	0/0115	3/17/10	VOR RWY 32, AMDT 15
6-May-10	IN	MUNCIE	DELAWARE COUNTY JOHNSON FIELD	0/0116	3/17/10	RNAV (GPS) RWY 14, ORIG
6-May-10	IN	MUNCIE	DELAWARE COUNTY JOHNSON FIELD	0/0117	3/17/10	ILS RWY 32, AMDT 9A
6-May-10	MI	ONTONAGON	ONTONAGON COUNTY - SCHUSTER FIELD	0/0147	3/17/10	NDB OR GPS A, AMDT 4
6-May-10	MI	PORT HURON	ST CLAIR COUNTY INTL	0/0149	3/17/10	ILS RWY 4, AMDT 3A
6-May-10	MI	PORT HURON	ST CLAIR COUNTY INTL	0/0151	3/17/10	VOR/DME OR GPS A, AMDT 7A
6-May-10	MI	STURGIS	KIRSCH MUNI	0/0152	3/17/10	RNAV (GPS) RWY 18, ORIG
6-May-10	MI	STURGIS	KIRSCH MUNI	0/0153	3/17/10	NDB RWY 24, AMDT 10B
6-May-10	MI	STURGIS	KIRSCH MUNI	0/0154	3/17/10	NDB RWY 18, AMDT 5B
6-May-10	VT	RUTLAND	RUTLAND-SOUTHERN VERMONT RGNL	0/0457	3/17/10	LOC Z RWY 19, AMDT 1A
6-May-10	MD	CLINTON	WASHINGTON EXECUTIVE/HYDE FIELD	0/4187	3/4/10	TAKEOFF MINIMUMS AND OBSTACLE DP, ORIG
6-May-10	MI	DAVISON	ATHELONE WILLIAMS MEMORIAL	0/7577	2/25/10	VOR RWY 8, ORIG-B
6-May-10	OH	YOUNGSTOWN/WARREN	YOUNGSTOWN/WARREN RGNL	0/7635	2/25/10	RADAR-1, AMDT 13
6-May-10	ND	MINOT	MINOT INTL	0/7667	2/25/10	RNAV (GPS) RWY 13, AMDT 1B
6-May-10	KS	LIBERAL	LIBERAL MID-AMERICA RGNL	0/8350	3/4/10	RNAV (GPS) RWY 22, ORIG
6-May-10	MA	WESTFIELD/SPRINGFIELD	BARNES MUNI	0/8385	3/4/10	VOR OR TACAN RWY 2, AMDT 4C
6-May-10	IA	GUTHRIE CENTER	GUTHRIE COUNTY RGNL	0/8435	3/4/10	NDB RWY 18, ORIG
6-May-10	GA	CARROLLTON	WEST GEORGIA REGIONAL-O V GRAY FIELD	0/8726	3/3/10	RNAV (GPS) RWY 17, ORIG
6-May-10	IL	GALESBURG	GALESBURG MUNI	0/8790	3/11/10	ILS RWY 3, AMDT 9A

6-May-10	IL	GALESBURG	GALESBURG MUNI	0/8792	3/11/10	VOR OR GPS RWY 21, AMDT 6C
6-May-10	IL	GALESBURG	GALESBURG MUNI	0/8793	3/11/10	VOR OR GPS RWY 3, AMDT 6A
6-May-10	KY	LEWISPORT	HANCOCK CO-RON LEWIS FIELD	0/8830	3/8/10	RNAV (GPS) RWY 5, ORIG
6-May-10	KY	LEWISPORT	HANCOCK CO-RON LEWIS FIELD	0/8831	3/8/10	RNAV (GPS) RWY 23, ORIG
6-May-10	SC	GEORGETOWN	GEORGETOWN COUNTY	0/9026	3/8/10	NDB OR GPS RWY 5, AMDT 5A
6-May-10	GA	CANTON	CHEROKEE COUNTY	0/9072	3/8/10	RNAV (GPS) RWY 22, ORIG
6-May-10	SC	CONWAY	CONWAY-HORRY COUNTY	0/9131	3/8/10	RNAV (GPS) RWY 4, ORIG
6-May-10	SC	CONWAY	CONWAY-HORRY COUNTY	0/9132	3/8/10	NDB RWY 4, ORIG
6-May-10	SC	CONWAY	CONWAY-HORRY COUNTY	0/9133	3/8/10	NDB RWY 22, ORIG
6-May-10	GA	DOUGLAS	DOUGLAS MUNI	0/9144	3/8/10	RNAV (GPS) RWY 22, ORIG
6-May-10	GA	DOUGLAS	DOUGLAS MUNI	0/9146	3/8/10	RNAV (GPS) RWY 4, ORIG
6-May-10	GA	DOUGLAS	DOUGLAS MUNI	0/9147	3/8/10	ILS OR LOC RWY 4, AMDT 1
6-May-10	OH	LORAIN/ELYRIA	LORAIN COUNTY REGIONAL	0/9306	3/8/10	ILS OR LOC RWY 7, AMDT 6B
6-May-10	MI	TECUMSEH	MEYERS-DIVER'S	0/9316	3/11/10	VOR OR GPS A, AMDT 7
6-May-10	GA	BLAKELY	EARLY COUNTY	0/9322	3/8/10	RNAV (GPS) RWY 5, AMDT 1
6-May-10	GA	BLAKELY	EARLY COUNTY	0/9323	3/8/10	LOC/NDB RWY 23, AMDT 1
6-May-10	GA	BLAKELY	EARLY COUNTY	0/9324	3/8/10	RNAV (GPS) RWY 23, AMDT 1
6-May-10	SC	ORANGEBURG	ORANGEBURG MUNI	0/9338	3/8/10	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 3
6-May-10	MN	WINDOM	WINDOM MUNI	0/9400	3/11/10	NDB RWY 17, AMDT 5
6-May-10	MN	BRAINERD	BRAINERD LAKES RGNL	0/9579	3/11/10	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 5
6-May-10	MI	NEW HUDSON	OAKLAND SOUTHWEST	0/9583	3/17/10	VOR OR GPS A, AMDT 3A
6-May-10	MI	CADILLAC	WEXFORD COUNTY	0/9586	3/17/10	NDB RWY 7, AMDT 2
6-May-10	MI	CADILLAC	WEXFORD COUNTY	0/9587	3/17/10	RNAV (GPS) RWY 7, ORIG
6-May-10	MI	CADILLAC	WEXFORD COUNTY	0/9588	3/17/10	ILS OR LOC RWY 7, ORIG-A

6-May-10	MI	DETROIT	DETROIT METROPOLITAN WAYNE COUNTY	0/9684	3/17/10	ILS OR LOC RWY 27R, AMDT 11A
6-May-10	ME	CARIBOU	CARIBOU MUNI	0/9838	3/17/10	RNAV (GPS) RWY 19, ORIG
6-May-10	FL	TAMPA	TAMPA INTL	0/9917	3/17/10	ILS OR LOC RWY 18R, AMDT 4B

AIRAC Date: 06 May 2010

FDC 0/0115 MIE FI/P DELAWARE COUNTY-JOHNSON FIELD, MUNCIE, IN. VOR RWY 32, AMDT 15... S-32 MDA 1360/HAT 424 ALL CATS. CIRCLING CATS A/B/C MDA 1460/HAA 523. CHART VDP AT 1.29 DME; DISTANCE VDP TO THLD 1.08 MILES. THIS IS VOR RWY 32, AMDT 15A.

FDC 0/0116 MIE FI/P DELAWARE COUNTY-JOHNSON FIELD, MUNCIE, IN. RNAV (GPS) RWY 14, ORIG... LPV DA 1254/HAT 321 ALL CATS. CIRCLING CATS A/B/C MDA 1460/HAA 523. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART VDP AT 1.48 MILES TO RW14. ATTENTION SYMBOL LNAV ONLY. THIS IS RNAV (GPS) RWY 14, ORIG-A.

FDC 0/0117 MIE FI/P DELAWARE COUNTY-JOHNSON FIELD, MUNCIE, IN. ILS RWY 32, AMDT 9A... S-ILS 32 DA 1136/HAT 200 ALL CATS. S-LOC 32 MDA 1380/HAT 444 ALL CATS. CIRCLING CATS A/B/C MDA 1460/HAA 523. FORT WAYNE ALTIMETER SETTING MINIMUMS: S-ILS 32 DA 1257/HAT 321 ALL CATS. S-LOC 32 MDA 1520/HAT 584 ALL CATS. CIRCLING MDA 1580/643 ALL CATS. VIS CAT C 1 3/4. TOUCHDOWN ZONE ELEVATION 936. THIS IS ILS OR LOC RWY 32, AMDT 9B.

FDC 0/0147 OGM FI/P ONTONAGON COUNTY-SCHUSTER FIELD, ONTONAGON, MI. NDB OR GPS A, AMDT 4... CIRCLING MDA 1460/ HAA 791 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: USE HANCOCK ALTIMETER SETTING. CHART HANCOCK ASOS. THIS IS NDB OR GPS A, AMDT 4A.

FDC 0/0149 PHN FI/P ST CLAIR COUNTY INTL, PORT HURON, MI. ILS RWY 4, AMDT 3A... CIRCLING MDA CATS A/B/C 1160/ HAA 510. VIS CAT B 1 1/4. THIS IS ILS OR LOC RWY 4, AMDT 3B.

FDC 0/0151 PHN FI/P ST CLAIR COUNTY INTL, PORT HURON, MI. VOR/DME OR GPS A, AMDT 7A... CIRCLING MDA CATS A/B/C 1160/ HAA 510. VIS CAT B 1 1/4. THIS IS VOR/DME OR GPS A, AMDT 7B.

FDC 0/0152 IRS FI/P KIRSCH MUNI, STURGIS, MI. RNAV (GPS) RWY 18, ORIG... CIRCLING CATS A/B/C MDA 1440/HAA 516, CAT D MDA 1620/HAA 696. CHART AIRPORT ELEV 924. THIS IS RNAV (GPS) RWY 18, ORIG-A.

FDC 0/0153 IRS FI/P KIRSCH MUNI, STURGIS, MI. NDB RWY 24, AMDT 10B... S-24 MDA 1480/HAT 556 ALL CATS. CIRCLING MDA CATS A/B/C 1480/HAA 556. CAT D MDA 1620/696 HAA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE THREE RIVERS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART AIRPORT ELEV 924. CHART TDZE ELEV 924. THIS IS NDB RWY 24, AMDT 10C.

FDC 0/0154 IRS FI/P KIRSCH MUNI, STURGIS, MI. NDB RWY 18, AMDT 5B... S-18 HAT 586 ALL CATS. CIRCLING HAA 576 CATS A/B/C, 696 CAT D. CHART AIRPORT ELEV 924. CHART TDZ ELEV 914. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE THREE RIVERS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE S-18 CAT C AND D VISIBILITY AND CIRCLING CAT C 1/4 MILE. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS NDB RWY 18, AMDT 5C.

FDC 0/0457 RUT FI/P RUTLAND - SOUTHERN VERMONT RGNL, RUTLAND, VT. LOC Z RWY 19, AMDT 1A... TERMINAL ROUTE UTADE/MPV 21.00 DME (IAF) TO KOPVE INT/I-RUT 17.00 DME (NOPT). TERMINAL ROUTE PIPYO/BTV 20.00 DME (IAF) TO KOPVE INT/I-RUT 17.00 DME (NOPT). THIS IS LOC Z RWY 19, AMDT 1B.

FDC 0/4187 W32 FI/P WASHINGTON EXECUTIVE/HYDE FIELD, CLINTON, MD. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... NOTES: RWY 5, ANTENNA ON TOWER BEGINNING 2333 FEET FROM DEPARTURE END OF RUNWAY, 556 FEET RIGHT OF CENTERLINE, 137 FEET AGL/361 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC 0/7577 6G0 FI/P ATHELONE WILLIAMS MEMORIAL, DAVISON, MI. VOR RWY 8, ORIG-B ... DELETE PLANVIEW NOTE: RADAR REQUIRED. CHART NOTE: DME OR RADAR REQUIRED. THIS IS VOR RWY 8, ORIG-C.

FDC 0/7635 YNG FI/P YOUNGSTOWN/WARREN RGNL, YOUNGSTOWN/WARREN, OH. RADAR-1, AMDT 13... ASR 32: MDA 1600/HAT 415 ALL CATS, VIS CAT C RVR 4000. THIS IS RADAR-1, AMDT 13A.

FDC 0/7667 MOT FI/P MINOT INTL, MINOT, ND. RNAV (GPS) RWY 13, AMDT 1B... LNAV/VNAV DA 2181/HAT 479 ALL CATS. VISIBILITY 1 3/4 ALL CATS. CIRCLING CATS A/B VISIBILITY 1. THIS IS RNAV (GPS) RWY 13, AMDT 1C.

FDC 0/8350 LBL FI/P LIBERAL MID-AMERICA RGNL, LIBERAL, KS. RNAV (GPS) RWY 22, ORIG... LNAV MDA 3480/HAT 603 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 3480/HAA 595 ALL CATS. VIS CAT C 1 3/4. THIS IS RNAV (GPS) RWY 22, ORIG-A.

FDC 0/8385 BAF FI/P BARNES MUNI, WESTFIELD/SPRINGFIELD, MA. VOR OR TACAN RWY 2, AMDT 4C... CIRCLING CAT E MDA 1520/HAA 1250, VIS 3. CHART TDZE 264. CHART ARPT ELEV 270. S-2 HAT 516 ALL CATS. CIRCLING CATS A/B/C/D HAA 890. THIS IS VOR OR TACAN RWY 2, AMDT 4D.

FDC 0/8435 GCT FI/P GUTHRIE COUNTY RGNL, GUTHRIE CENTER, IA. NDB RWY 18, ORIG... CHANGE NOTE TO READ: USE AUDUBON ALTIMETER SETTING; WHEN NOT RECEIVED USE CARROLL ALTIMETER SETTING. CHART AUDUBON AWOS-3. THIS IS NDB RWY 18, ORIG-A.

FDC 0/8726 CTJ FI/P WEST GEORGIA REGIONAL-O V GRAY FIELD, CARROLLTON, GA. RNAV (GPS) RWY 17, ORIG...LNAV MDA HAT 476 ALL CATS. CIRCLING HAA CAT A 495, CATS B/C 515, CAT D 555. CHART: TDZ ELEVATION 1164, CHART: AIRPORT ELEVATION 1165. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWNAN ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWNAN ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND VISIBILITY LNAV CAT C/D AND CIRCLING CAT C 1/4 MILE. DELETE NOTE: VDP NA WHEN USING NEWNAN ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART DESCENT ANGLE 3.04 DEGREES/TCH 45 FEET. DELETE ALL REFERENCE TO VDP AT 1.4 NM TO RW17. THIS IS RNAV (GPS) RWY 17, ORIG-A.

FDC 0/8790 GBG FI/P GALESBURG MUNI, GALESBURG, IL. ILS RWY 3, AMDT 9A... CHART PLANVIEW NOTE: USE OF BRL R-070 AND GBG R-205 MAY BE NECESSARY TO LOCATE MAXAY INTERSECTION. MSA FROM GBG VOR/DME 090-270 2500, 270-090 3100. THIS IS ILS OR LOC RWY 3, AMDT 9B.

FDC 0/8792 GBG FI/P GALESBURG MUNI, GALESBURG, IL. VOR OR GPS RWY 21, AMDT 6C... MSA FROM GBG VOR/DME 090-270 2500, 270-090 3100. THIS IS VOR OR GPS RWY 21, AMDT 6D.

FDC 0/8793 GBG FI/P GALESBURG MUNI, GALESBURG, IL. VOR OR GPS RWY 3, AMDT 6A... MSA FROM GBG VOR/DME 090-270 2500, 270-090 3100. THIS IS VOR OR GPS RWY 3, AMDT 6B.

FDC 0/8830 KY8 FI/P HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 5, ORIG... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 23 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, ORIG-A.

FDC 0/8831 KY8 FI/P HANCOCK CO-RON LEWIS FIELD, LEWISPORT, KY. RNAV (GPS) RWY 23, ORIG... DELETE NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 23 PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 0/9026 GGE FI/P GEORGETOWN COUNTY, GEORGETOWN, SC. NDB OR GPS RWY 5, AMDT 5A...S-5 MDA 540/HAT 501 ALL CATS. VIS CAT C 1 1/2. CIRCLING CATS A/B/C MDA 540/HAT 500. CAT D MDA 860/HAA 820. VISIBILITY CAT D 2 3/4. MYRTLE BEACH INTL ALTIMETER SETTING MINIMUMS: CIRCLING CAT D MDA 940/HAA 900. VISIBILITY CAT D 3. CHART FAS OBST: 177 TOWER 331550.16N/0792151.98W THIS IS NDB OR GPS RWY 5, AMDT 5B.

FDC 0/9072 47A FI/P CHEROKEE COUNTY, CANTON, GA. RNAV (GPS) RWY 22, ORIG...LNAV MDA 1560/HAT 341 CATS A/B/C. CHART FAS OBSTACLE: 1304 TOWER 341916N/0842416W DELETE MISSED APPROACH: CLIMB TO 6000 DIRECT TOMSE THEN VIA 343 TRACK TO PIMEE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. CHART MISSED APPROACH: CLIMB TO 6000 DIRECT TOMSE AND RIGHT TURN ON TRACK 343 TO PIMEE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000. ALTERNATE MINIMUMS: STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 22, ORIG-A.

FDC 0/9131 HYW FI/P CONWAY-HORRY COUNTY, CONWAY, SC. RNAV (GPS) RWY 4, ORIG...CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MYRTLE BEACH INTL ALTIMETER SETTING. DELETE NOTE: USE MYRTLE BEACH INTL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 4, ORIG-A.

FDC 0/9132 HYW FI/P CONWAY-HORRY COUNTY, CONWAY, SC. NDB RWY 4, ORIG...CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MYRTLE BEACH INTL ALTIMETER SETTING. DELETE NOTE: USE MYRTLE BEACH INTL ALTIMETER SETTING. THIS IS NDB RWY 4, ORIG-A.

FDC 0/9133 HYW FI/P CONWAY-HORRY COUNTY, CONWAY, SC. NDB RWY 22, ORIG...CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MYRTLE BEACH INTL ALTIMETER SETTING. DELETE NOTE: USE MYRTLE BEACH INTL ALTIMETER SETTING. THIS IS NDB RWY 22, ORIG-A.

FDC 0/9144 DQH FI/P DOUGLAS MUNI, DOUGLAS, GA. RNAV (GPS) RWY 22, ORIG...34:1 IS NOT CLEAR. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 22, ORIG-A.

FDC 0/9146 DQH FI/P DOUGLAS MUNI, DOUGLAS, GA. RNAV (GPS) RWY 4, ORIG...34:1 IS NOT CLEAR. LNAV HAT 487 ALL CATS. VISIBILITY CAT A/B 3/4. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART TDZE: 253. CHART NOTE: FOR INOPERATIVE MALSR INCREASE VISIBILITY LNAV CAT A AND B TO 1 MILE. THIS IS RNAV (GPS) RWY 4, ORIG-A.

FDC 0/9147 DQH FI/P DOUGLAS MUNI, DOUGLAS, GA. ILS OR LOC RWY 4, AMDT 1...S-ILS DA 503/HAT 250, VISIBILITY 3/4 ALL CATS. S-LOC 4 HAT 367 ALL CATS. VISIBILITY CAT A/B/C 3/4. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: FOR INOPERATIVE MALSR, WHEN USING ALMA ALTIMETER SETTING INCREASE S-ILS 4 ALL CATS VISIBILITY 1 MILE. CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ALMA ALTIMETER SETTING INCREASE S-LOC 4 CATS A/B/C VISIBILITY TO 1 MILE. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALMA ALTIMETER SETTING AND INCREASE ALL DA/MDAS 60 FEET AND INCREASE S-LOC 4 AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALMA ALTIMETER SETTING AND INCREASE ALL DA/MDAS 60 FEET AND INCREASE VISIBILITY CIRCLING CAT C 1/4 MILE. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 4. FOR INOPERATIVE MALSR INCREASE S-LOC 4 CAT A/B/C VISIBILITY TO 1 MILE. CHART TDZE: 253. THIS IS ILS OR LOC RWY 4, AMDT 1A.

FDC 0/9306 LPR FI/P LORAIN COUNTY REGIONAL, LORAIN/ELYRIA, OH. ILS OR LOC RWY 7, AMDT 6B... MSA FROM DRYER (DJB) VOR/DME 3100. THIS IS ILS OR LOC RWY 7, AMDT 6C.

FDC 0/9316 3TE FI/P MEYERS-DIVER'S, TECUMSEH, MI. VOR OR GPS A, AMDT 7... CIRCLING: CAT A AND B MDA 1420/HAA 605. MINIMUM SAFE ALTITUDE FROM CARLETON (CLR) VORTAC 3100. THIS IS VOR OR GPS A, AMDT 7A.

FDC 0/9322 BIJ FI/P EARLY COUNTY, BLAKELY, GA. RNAV (GPS) RWY 5, AMDT 1...LNAV MDA 800/HAT 585 ALL CATS. CIRCLING MDA 800/HAA 585 ALL CATS. CHART FAS OBST: 502 TOWER 312229N/0845709W. DELETE VDP AT 1.7 NM TO RW05. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF, AL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET. DELETE NOTE: VDP NA WHEN USING CAIRNS AAF ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY LNAV CAT C AND D AND CIRCLING CAT C 1/4 MILE. 34:1 IS NOT CLEAR. CHART TDZE: 215. CHART AIRPORT ELEV: 215. ALTERNATE MINIMUMS: STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 5, AMDT 1A.

FDC 0/9323 BIJ FI/P EARLY COUNTY, BLAKELY, GA. LOC/NDB RWY 23, AMDT 1...S-23 HAT 430 ALL CATS. VISIBILITY CAT A/B 1. CIRCLING CAT A/B/C HAA 505, CAT D HAA 565. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-23 CAT C. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. CHART TDZE: 210. CHART AIRPORT ELEV: 215. THIS IS LOC/NDB RWY 23, AMDT 1A.

FDC 0/9324 BIJ FI/P EARLY COUNTY, BLAKELY, GA. RNAV (GPS) RWY 23, AMDT 1...LNAV HAT 430 ALL CATS. VISIBILITY CAT A/B 1. CIRCLING CAT A/B/C HAA 505, CAT D HAA 565. DELETE VDP AT 1.2 NM TO RW23. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF, AL ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAINBRIDGE ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND VISIBILITY LNAV CAT C 1/4 MILE. DELETE NOTE: VDP NA WHEN USING CAIRNS AAF ALTIMETER SETTING. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY. 34:1 IS NOT CLEAR. CHART TDZE: 210. CHART AIRPORT ELEV: 215. ALTERNATE MINIMUMS: STANDARD EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 23, AMDT 1A.

FDC 0/9338 OGB FI/P ORANGEBURG MUNI, ORANGEBURG, SC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3... RWY 5: TREES BEGINNING 190 FT FROM DER, 384 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/289 FT MSL. RAILROAD 768 FT FROM DER, 407 FT RIGHT OF CENTERLINE, 23 FT AGL/220 FT MSL. RWY 17: TREES BEGINNING 2885 FT FROM DER, 1082 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/282 FT MSL. TREES BEGINNING 1132 FT FROM DER, 798 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/257 FT MSL. RWY 23: TREES BEGINNING 32 FT FROM DER, 45 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/ 251 FT MSL. POWER POLE 1260 FT FROM DER, 127 LEFT OF CENTERLINE, 50 FT AGL/202 FT MSL. TREES BEGINNING 870 FT FROM DER, 419 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/259 FT MSL. RWY 35: TREES BEGINNING 764 FT FROM DER, 703 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/272 FT MSL. TREES BEGINNING 1567 FT FROM DER, 473 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/282 FT MSL. TERRAIN 13 FT FROM DER , 34 FT RIGHT OF CENTERLINE, 174 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A.

FDC 0/9400 MWM FI/P WINDOM MUNI, WINDOM, MN. NDB RWY 17, AMDT 5... S-17: MDA 2180/HAT 770 CATS A/B/C. VIS CAT B 1 1/4, CAT C 2 1/4. CIRCLING CATS A/B/C MDA 2180/HAA 770. VIS CAT B 1 1/4, CAT C 2 1/4. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT C 800-2 1/4. THIS IS NDB RWY 17, AMDT 5A.

FDC 0/9579 BRD FI/P BRAINERD LAKES RGNL, BRAINERD, MN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5... ADD: NOTE: RWY 34, TREES BEGINNING 2341 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 93 FT AGL/1293 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES , AMDT 5A.

FDC 0/9583 Y47 FI/P OAKLAND SOUTHWEST, NEW HUDSON, MI. VOR OR GPS A, AMDT 3A ... CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 8 NA AT NIGHT. THIS IS VOR OR GPS A, AMDT 3B.

FDC 0/9586 CAD FI/P WEXFORD COUNTY, CADILLAC, MI. NDB RWY 7, AMDT 2... S-7 CAT B VIS 1 1/4, CAT C VIS 2 1/2, AND CAT D 2 3/4. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO S-7 CAT B/C VISIBILITY AND S-7 ALL CATS VISIBILITY WHEN USING HOUGHTON LAKE ALTIMETER SETTING. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOUGHTON LAKE ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET. INCREASE S-7 CATS A AND C VISIBILITY 1/2 MILE, CAT B AND D 1/4 MILE, CIRCLING CAT A, B, AND D VISIBILITY 1/4 MILE, CAT C 1/2 MILE. THIS IS NDB RWY 7, AMDT 2A.

FDC 0/9587 CAD FI/P WEXFORD COUNTY, CADILLAC, MI. RNAV (GPS) RWY 7, ORIG... LPV DA VIS 3/4 ALL CATS. LNAV/VNAV DA VIS 1 1/2 ALL CATS. LNAV CAT A/B VIS 3/4, CAT C VIS 1 1/4, CAT D 1 1/2. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C VISIBILITIES. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOUGHTON LAKE ALTIMETER SETTING AND INCREASE ALL DA 137 FEET AND ALL MDA 140 FEET, LPV AND LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS, LNAV CATS C/D VISIBILITY 1/2 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 7, ORIG-A.

FDC 0/9588 CAD FI/P WEXFORD COUNTY, CADILLAC, MI. ILS OR LOC RWY 7, ORIG-A... S-ILS 7 VIS 3/4 ALL CATS. S-LOC 7 CATS A/B/C VIS 3/4, CAT D 1 1/4. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 7 CAT C VISIBILITY WHEN USING HOUGHTON LAKE ALTIMETER SETTING. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOUGHTON LAKE ALTIMETER SETTING AND INCREASE ALL DA 137 FEET AND ALL MDA 140 FEET AND INCREASE S-ILS 7 ALL CATS VISIBILITY 1/2 MILE, S-LOC 7 VISIBILITY CAT C 1/2 MILE AND CAT D 1/4 MILE, CIRCLING VISIBILITY CAT C 1/2 MILE AND CAT D 1/4 MILE. THIS IS ILS OR LOC RWY 7, ORIG-B.

FDC 0/9684 DTW FI/P DETROIT METROPOLITAN WAYNE COUNTY, DETROIT, MI. ILS OR LOC RWY 27R, AMDT 11A... CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 27R,, AMDT 11B.

FDC 0/9838 CAR FI/P CARIBOU MUNI, CARIBOU, ME. RNAV (GPS) RWY 19, ORIG... STRAIGHT IN TAA 097/30 CW 277/30 TO 097/15 CW 277/15 MIN ALT 3600. LEFT BASE TAA 277/30 CW 007/30 TO 277/15 CW 007/15 MIN ALT 3500. RIGHT BASE TAA 007/30 CW 097/30 TO 007/10 CW 097/10 MIN ALT 3600. CHART NOTE: ALTERNATE MINIMUMS: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 19, ORIG-A.

FDC 0/9917 TPA FI/P TAMPA INTL, TAMPA, FL. ILS OR LOC RWY 18R, AMDT 4B...CHART NOTE: AUTOPILOT COUPLED APPROACH NA. THIS IS ILS OR LOC RWY 18R, AMDT 4C.