U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 16-06 **January 29, 2016**

**PREPARED BY THE AERONAUTICAL INFORMATION GROUP, AJV-53
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

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

The following procedures, previously published in TL 16-05, effective March 3, 2016 have been rescinded in their entirety.

Greenville, MS, Greenville Mid-Delta, VOR/DME RWY 18L, Amdt 13A, CANCELED
Rochester, NY, Greater Rochester Intl, VOR/DME RWY 4, Amdt 4A, CANCELED
Aiken, SC, Aiken Muni, VOR/DME-A, Amdt 1A, CANCELED

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31060; Amdt. No. 3681]

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

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

The incorporation by reference of certain publications

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

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

For Examination

1. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001.

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 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 the National Flight Data Center at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, 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 removes SIAPS, Takeoff Minimums and/or ODPS. The complete regulatory description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part §97.20. The applicable FAA forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

The large number of SIAPs, Takeoff Minimums and ODPs, their complex nature, and the need for a special format make publication in the **Federal Register** expensive and impractical. Further, airmen do not use the regulatory text of the SIAPs, Takeoff Minimums or ODPs, but instead 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, Takeoff Minimums and ODP listed on FAA form documents is unnecessary. This amendment provides the affected CFR sections and specifies the types of SIAPs, Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure, and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPS, Takeoff Minimums and/or ODPS as identified in the amendatory language for part 97 of this final rule.

The Rule

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP, Takeoff Minimums and ODP as Amended 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 that created the need for some SIAP and Takeoff Minimums and ODP amendments may require making them effective in less than 30 days. For the remaining SIAPs and Takeoff Minimums and ODPs, an effective date at least 30 days after publication is provided.

Further, the SIAPs and Takeoff Minimums and ODPs contained in this amendment are based on the criteria contained in the U.S. Standard for Terminal Instrument Procedures (TERPS). In developing these SIAPs and Takeoff Minimums and ODPs, the TERPS criteria were applied to the conditions existing or anticipated at the affected airports. Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C 553(d), good cause exists for making some SIAPs effective in less than 30 days.

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 removing Standard Instrument Approach Procedures and/or Takeoff Minimums and Obstacle Departure Procedures effective at 0901 UTC on the dates specified, as follows:

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

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 JANUARY 29, 2016

John Duncan
Director, Flight Standards Service

Effective 3 MARCH 2016

Benton Harbor, MI, Southwest Michigan Rgnl, VOR RWY 10, Amdt 10B, CANCELED
East Hampton, NY, East Hampton, Takeoff Minimums and Obstacle DP, Amdt 3A
Lebanon, OH, Warren County/John Lane Field, RNAV (GPS) RWY 19, Amdt 4
Oklahoma City, OK, Will Rogers World, RNAV (GPS) RWY 13, Amdt 3A
Walterboro, SC, Lowcountry Rgnl, ILS Y OR LOC Y RWY 23, Amdt 2
Walterboro, SC, Lowcountry Rgnl, ILS Z OR LOC Z RWY 23, Orig
Walterboro, SC, Lowcountry Rgnl, RNAV (GPS) RWY 17, Orig-A
Walterboro, SC, Lowcountry Rgnl, RNAV (GPS) RWY 23, Amdt 2
Walterboro, SC, Lowcountry Rgnl, RNAV (GPS) RWY 35, Orig-A
Baraboo, WI, Baraboo Wisconsin Dells, LOC/DME RWY 1, Amdt 2
Baraboo, WI, Baraboo Wisconsin Dells, RNAV (GPS) RWY 19, Amdt 2
Hayward, WI, Sawyer County, RNAV (GPS) RWY 3, Orig-C
Hayward, WI, Sawyer County, RNAV (GPS) RWY 21, Amdt 1A

Effective 31 MARCH 2016

McGrath, AK, McGrath, VOR-A, Amdt 8, CANCELED
Quinhagak, AK, Quinhagak, RNAV (GPS) RWY 12, Amdt 1
Quinhagak, AK, Quinhagak, RNAV (GPS) RWY 30, Amdt 1
Quinhagak, AK, Quinhagak, Takeoff Minimums and Obstacle DP, Amdt 1
Stuttgart, AR, Stuttgart Muni, VOR/DME-A, Amdt 1B, CANCELED
Bakersfield, CA, Meadows Field, VOR/DME RWY 30R, Amdt 9, CANCELED
San Francisco, CA, San Francisco Intl, VOR RWY 19L, Amdt 11, CANCELED
Santa Rosa, CA, Charles M Schulz - Sonoma County, VOR/DME RWY 32, Amdt 20, CANCELED
Fort Lauderdale, FL, Fort Lauderdale/Hollywood Intl, VOR RWY 28R, Amdt 13A, CANCELED
Orlando, FL, Orlando Intl, VOR/DME RWY 36L, Amdt 5A, CANCELED
Orlando, FL, Orlando Intl, VOR/DME RWY 36R, Amdt 10A, CANCELED
Albany, GA, Southwest Georgia Rgnl, NDB RWY 4, Amdt 13B, CANCELED
Atlanta, GA, Fulton County Airport-Brown Field, RNAV (GPS) Y RWY 8, Amdt 1A
Clinton, IA, Clinton Muni, VOR RWY 3, Amdt 15A, CANCELED
Newton, IA, Newton Muni-Earl Johnson Field, VOR RWY 32, Amdt 9A, CANCELED
Ottumwa, IA, Ottumwa Rgnl, VOR RWY 31, Amdt 15, CANCELED
Sioux City, IA, Sioux Gateway/Col Bud Day Field, VOR OR TACAN RWY 31, Amdt 26D, CANCELED
Waterloo, IA, Waterloo Rgnl, VOR RWY 36, Amdt 17A, CANCELED
Coeur D'Alene, ID, Coeur D'Alene – Pappy Boyington Field, VOR RWY 6, Orig-D, CANCELED
Idaho Falls, ID, Idaho Falls Rgnl, NDB RWY 20, Amdt 10D, CANCELED
Lewiston, ID, Lewiston-Nez Perce County, VOR RWY 26, Amdt 13, CANCELED
Salmon, ID, Lemhi County, Takeoff Minimums and Obstacle DP, Amdt 3
Chicago/Romeoville, IL, Lewis University, VOR RWY 9, Amdt 3, CANCELED
Chicago/West Chicago, IL, Dupage, VOR RWY 2L, Amdt 1B, CANCELED
Danville, IL, Vermilion Regional, VOR RWY 21, Amdt 14A, CANCELED

Galesburg, IL, Galesburg Muni, VOR RWY 3, Amdt 7A, CANCELED
Lawrenceville, IL, Lawrenceville-Vincennes Intl, VOR RWY 18, Amdt 1A, CANCELED
Mattoon/Charleston, IL, Coles County Memorial, ILS OR LOC RWY 29, Amdt 6C
Mattoon/Charleston, IL, Coles County Memorial, NDB RWY 29, Amdt 5B
Mattoon/Charleston, IL, Coles County Memorial, RNAV (GPS) RWY 6, Orig
Mattoon/Charleston, IL, Coles County Memorial, RNAV (GPS) RWY 11, Orig
Mattoon/Charleston, IL, Coles County Memorial, RNAV (GPS) RWY 24, Amdt 1
Mattoon/Charleston, IL, Coles County Memorial, RNAV (GPS) RWY 29, Amdt 1
Quincy, IL, Quincy Rgnl-Baldwin Field, VOR RWY 4, Amdt 12, CANCELED
Auburn, IN, De Kalb County, VOR RWY 9, Amdt 7D, CANCELED
Goshen, IN, Goshen Muni, VOR RWY 27, Amdt 7A, CANCELED
Muncie, IN, Delaware County Rgnl, VOR RWY 32, Amdt 15, CANCELED
Richmond, IN, Richmond Muni, VOR RWY 24, Amdt 13, CANCELED
Richmond, IN, Richmond Muni, VOR RWY 33, Amdt 2, CANCELED
Liberal, KS, Liberal Mid-America Rgnl, VOR RWY 35, Amdt 12, CANCELED
Ashland, KY, Ashland Rgnl, VOR/DME RWY 10, Amdt 12
Hopkinsville, KY, Hopkinsville-Christian County, RNAV (GPS) RWY 26, Amdt 2
Tompkinsville, KY, Tompkinsville-Monroe County, RNAV (GPS) RWY 4, Amdt 1B
Tompkinsville, KY, Tompkinsville-Monroe County, RNAV (GPS) RWY 22, Amdt 1B
Orange, MA, Orange Muni, NDB RWY 1, Amdt 1A, CANCELED
Orange, MA, Orange Muni, NDB RWY 32, Amdt 1A, CANCELED
Vineyard Haven, MA, Martha's Vineyard, VOR RWY 24, Amdt 2A, CANCELED
Baltimore, MD, Baltimore/Washington Intl Thurgood Marshall, VOR RWY 10, Amdt 17B, CANCELED
Baltimore, MD, Baltimore/Washington Intl Thurgood Marshall, VOR/DME RWY 33L, Amdt 3A, CANCELED
Eliot, ME, Littlebrook Air Park, NDB-B, Amdt 1, CANCELED
Sanford, ME, Sanford Seacoast Rgnl, VOR RWY 7, Amdt 4C, CANCELED
Alpena, MI, Alpena County Rgnl, VOR RWY 1, Amdt 14D, CANCELED
Hancock, MI, Houghton County Memorial, VOR RWY 13, Amdt 16, CANCELED
Fairmont, MN, Fairmont Muni, VOR RWY 13, Amdt 5, CANCELED
Fairmont, MN, Fairmont Muni, VOR RWY 31, Amdt 8, CANCELED
Hibbing, MN, Range Rgnl, VOR RWY 13, Amdt 13A, CANCELED
Hibbing, MN, Range Rgnl, VOR RWY 31, Amdt 17, CANCELED
Willmar, MN, Willmar Muni-John L Rice Field, VOR RWY 13, Orig, CANCELED
Glasgow, MT, Wokal Field/Glasgow Intl, NDB RWY 30, Amdt 2A, CANCELED
Beaufort, NC, Michael J Smith Field, NDB RWY 21, Amdt 2, CANCELED
Tarboro, NC, Tarboro-Edgecombe, NDB RWY 27, Orig, CANCELED
Berlin, NH, Berlin Rgnl, VOR-B, AMDT 3A, CANCELED
Manchester, NH, Manchester, VOR RWY 35, Amdt15E, CANCELED
Portsmouth, NH, Portsmouth Intl at Pease, VOR RWY 16, Amdt 5B, CANCELED
Portsmouth, NH, Portsmouth Intl at Pease, VOR RWY 34, Orig-D, CANCELED
Newark, NJ, Newark Liberty Intl, VOR/DME RWY 22L, Orig-D, CANCELED
Newark, NJ, Newark Liberty Intl, VOR/DME RWY 22R, Amdt 4D, CANCELED

Hudson, NY, Columbia County, Takeoff Minimums and Obstacle DP, Amdt 1
White Plains, NY, Westchester County, VOR/DME-A, Amdt 4B, CANCELED
Knoxville, TN, Mc Ghee Tyson, Takeoff Minimums and Obstacle DP, Amdt 8

RESCINDED: On December 7, 2015 (80 FR 75923), the FAA published an Amendment in Docket No. 31049, Amdt No. 3671, to Part 97 of the Federal Aviation Regulations, under section 97.20. The following entry for Port Angeles, WA, effective February 4, 2016, is hereby rescinded in its entirety:

Port Angeles, WA, William R Fairchild Intl, WATTR SIX, Graphic DP

RESCINDED: On January 26, 2016 (81 FR 4174), the FAA published an Amendment in Docket No. 31051, Amdt No. 3673, to Part 97 of the Federal Aviation Regulations, under sections 97.29 and 97.33. The following entries for Port Angeles, WA, effective February 4, 2016, are hereby rescinded in their entirety:

Port Angeles, WA, William R Fairchild Intl, ILS OR LOC RWY 8, Amdt 3
Port Angeles, WA, William R Fairchild Intl, RNAV (GPS) RWY 8, Amdt 1
Port Angeles, WA, William R Fairchild Intl, RNAV (GPS) RWY 26, Amdt 1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 3 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BENTON HARBOR, MI	**ELEVATION: 643 TDZE: 631** AIRPORT NAME: **SOUTHWEST MICHIGAN RGNL**	**ELX**	**VOR RWY 10, AMDT 10B, 06/26/2014**	SUP AMDT **10A** DATE **12/15/2011**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
EAST HAMPTON, NY	EAST HAMPTON	3 MARCH 2016	3A

TAKEOFF MINIMUMS:

RWY 10, 16, 28: STANDARD.
RWY 34: 300-1¼ OR STANDARD WITH MINIMUM CLIMB OF 430 FT PER NM TO 400.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, TREE AND VEHICLES ON ROADWAY BEGINNING 107 FT FROM DER, 259 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/85 FT MSL. TREE AND VEHICLES ON ROADWAY BEGINNING 297 FT FROM DER, ON CENTERLINE, UP TO 52 FT AGL/79 FT MSL. TREES BEGINNING 370 FT FROM DER, 296 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/93 FT MSL. TREES BEGINNING 580 FT FROM DER, 290 FT RIGHT OF CENTERLINE, UP TO 61 FT AGL/88 FT MSL. TREE 1105 FT FROM DER, 427 FT LEFT OF CENTERLINE, 56 FT AGL/95 FT MSL.TREES BEGINNING 1131 FT FROM DER, 405 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/98 FT MSL. TREES BEGINNING 1493 FT FROM DER, 89 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/100 FT MSL. TREES BEGINNING 1862 FT FROM DER, 386 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/102 FT MSL. TREE 2227 FT FROM DER, 520 FT RIGHT OF CENTERLINE, 58 FT AGL/90 FT MSL.

NOTE: RWY 16, TREE AND VEHICLES ON ROADWAY BEGINNING 177 FT FROM DER, 122 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/78 FT MSL. TREE 375 FT FROM DER, 195 FT LEFT OF CENTERLINE, 35 FT AGL/62 FT MSL. TREE 607 FT FROM DER, 205 FT LEFT OF CENTERLINE, 49 FT AGL/75 FT MSL. TREE AND RAILROAD BEGINNING 770 FT FROM DER, 4 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/76 FT MSL.

NOTE: RWY 28, TREES BEGINNING 53 FT FROM DER, 289 FT LEFT OF CENTERLINE, UP TO 49 FT AGL/103 FT MSL. TREES BEGINNING 221 FT FROM DER, 290 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/107 FT MSL. TREE 658 FT FROM DER, 397 FT RIGHT OF CENTERLINE, 57 FT AGL/117 FT MSL. TREES BEGINNING 786 FT FROM DER, 303 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/115 FT MSL. TREES 1034 FT FROM DER, 421 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/123 FT MSL. TREES BEGINNING 1170 FT FROM DER, 261 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/128 FT MSL. TREES BEGINNING 1691 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 63 FT AGL/133 FT MSL. TREE 1698 FT FROM DER, 592 FT LEFT OF CENTERLINE, 57 FT AGL/126 FT MSL. TREE 2171 FT FROM DER, 668 FT LEFT OF CENTERLINE, 64 FT AGL/133 FT MSL. TREES BEGINNING 2353 FT FROM DER, 308 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/137 FT MSL. TREES BEGINNING 2695 FT FROM DER, 283 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/138 FT MSL. TREES BEGINNING 3245 FT FROM DER, 336 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/143 FT MSL.

NOTE: RWY 34, TREE AND VEHICLES ON ROADWAY BEGINNING 54 FT FROM DER, ON CENTERLINE, UP TO 43 FT AGL/81 FT MSL. TREE 103 FT FROM DER, 151 FT LEFT OF CENTERLINE, 36 FT AGL/76 FT MSL. TREE 354 FT FROM DER, 188 FT LEFT OF CENTERLINE, 41 FT AGL/81 FT MSL. TREE 654 FT FROM DER, 212 FT LEFT OF CENTERLINE, 48 FT AGL/86 FT MSL. POWERLINES BEGINNING 1264 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 132 FT AGL/176 FT MSL. TREE 2499 FT FROM DER, 498 FT LEFT OF CENTERLINE, 36 FT AGL/144 FT MSL. TREE 3947 FT FROM DER, 1539 FT LEFT OF CENTERLINE, 100 FT AGL/259 FT MSL. TREE 6049 FT FROM DER, 1980 FT LEFT OF CENTERLINE, 100 AGL/239 FT MSL.

CONTROLLING OBSTACLES:

RWY 34: 259 FT MSL TREE, 405811.43N/0721549.54W (CLIMB GRADIENT)(CEILING); 239 FT MSL TREE, 405827.01N/0721608.54W (VISIBILITY).

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
EAST HAMPTON, NY	EAST HAMPTON	3 MARCH 2016	3A

REMARKS:

FLIGHT INSPECTED BY: *Digitally signed by* ***ADOLFO D URRUTIA***
JOEL LAPLANTE Jan 20, 2016 FICO 01/14/2016

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY: *Digitally signed by* ***MICHAEL R CURRAN***
MICHAEL CURRAN Dec 08, 2015 AJV-5412 12/07/2015

APPROVED BY: *Digitally signed by* ***ADOLFO D URRUTIA***
MARLON ROBINSON Jan 20, 2016 AJV-5410

COORDINATED WITH:

ALPA, AOPA, NBAA, ZNY, ARPT MGR, NEW YORK APP CON

CHANGES:

UPDATED TAKEOFF OBSTACLE NOTES.

REASONS:

SEVERAL NEW LOW CLOSE-IN OBSTACLES IDENTIFIED AND RE-GROUPED USING NEW DEPARTURE OBSTACLE GROUPER PROGRAM.

QUALITY 10 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SHIRT	OSDIE (FB)	282.00 / 27.20	3000
ZAKIT (IAF)	YOVUC (FB)	143.78 / 7.26	3000
OSDIE (IAF)	YOVUC (FB)	234.74 / 4.96	3000
YOVUC (IF)	LULOC (FB)	189.19 / 5.72	2500
LULOC (FAF)	XODJI/1.40 NM TO RW19 (FB)	189.18 / 2.80	
XODJI/1.40 NM TO RW19	RW19 (MAP) (FO)	189.18 / 1.40	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW19
LNAV: RW19

CLIMB TO 3000 DIRECT WUSPU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 009.17 INBOUND.
CHART FAS OBST: 1015 TREE 392835N/0841505W
CHART FAS OBST: 1051 TREE 392909N/0841427W
CHART: 1047 TOWER 392923N/0841453W
1079 TREE 392946N/0841542W
WAAS CHANNEL # 87129
REFERENCE PATH ID: W19A
LULOC TO RW19: 3.50/41.7.
CHART CIRCLING ICON.
LTP HAE: 240.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT YOVUC
3. FAC: 189.18 FAF: LULOC DIST FAF TO MAP: 4.20 THLD: 4.20
4. MIN. ALT: YOVUC 3000, LULOC 2500, XODJI/1.40 NM TO RW19 1460
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW19 3100

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1280	1	382	1280	1	382	1280	1 1/8	382	1280	1 1/8	382			
LNAV MDA	1320	1	422	1320	1	422	1320	1 1/4	422	1320	1 1/4	422			
CIRCLING	1400	1	502	1480	1	582	1480	1 1/2	582	1480	2	582			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZAKIT ON V47 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA TO ARRIVALS AT SHIRT ON V5 NORTHEAST BOUND.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.
(SEE FORM 8260-10)

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 898 TDZE: 898	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LEBANON, OH	AIRPORT NAME: WARREN COUNTY/JOHN LANE FIELD	RNAV	RNAV (GPS) RWY 19, AMDT 4 3 MARCH 2016	AMDT: 3A
				DATED 05/29/2014

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW19 (MAP)	1280 MSL	189.18	
1280 MSL	WUSPU (FO)		3000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTON-WRIGHT BROTHERS ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET; INCREASE LP AND LNAV CAT C AND D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CHART NOTE: NIGHT LANDING: RWY 19 OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD.

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LEBANON, OH	**ELEVATION: 898** **TDZE: 898** AIRPORT NAME: **WARREN COUNTY/JOHN LANE FIELD**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 4** 3 MARCH 2016	SUP: AMDT: **3A** DATED: **05/29/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	I68
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	392806.0065N
LTP/FTP LONGITUDE	0841504.5595W
LTP/FTP ELLIPSOIDAL HEIGHT	+02401
FPAP LATITUDE	392637.0675N
FPAP LONGITUDE	0841512.9430W
THRESHOLD CROSSING HEIGHT (TCH)	00041.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	F56A5BFB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02737
FPAP ORTHOMETRIC HEIGHT	+02737

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LEBANON, OH	ELEVATION: 898 TDZE: 898 AIRPORT NAME: WARREN COUNTY/JOHN LANE FIELD	RNAV	RNAV (GPS) RWY 19, AMDT 4 3 MARCH 2016	SUP: AMDT: 3A DATED: 05/29/2014

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

ARINC SUMMARY - I68

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
SHIRT	010	SHIRT	IF	FB										E
SHIRT	020	OSDIE	TF	FB	2.0	282.0						AA 03000		E A
SHIRT	030	YOVUC	TF	FB	1.0	234.7						AA 03000		EE B
ZAKIT	010	ZAKIT	IF	FB										E A
ZAKIT	020	YOVUC	TF	FB	1.0	143.8						AA 03000		EE B
	010	YOVUC	IF	FB								AA 03000		E I
	020	LULOC	TF	FB	0.5	189.2				RW19		AA 02500		E F
	021	XODJI	TF	FB	0.3	189.2		3.50				AA 01460 GS 01460		E S
	030	RW19	TF	FO	0.3	189.2		3.50				AT 00940		GY M
	040		CA	FB		189.2						AA 01280		M
	050	WUSPU	DF	FO								AA 03000		EY
	060	WUSPU	HM	FO		009.2			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LULOC	N393217.46	W0841440.83
OSDIE	N394112.65	W0840914.58
SHIRT	N393758.72	W0833416.14
WUSPU	N391514.28	W0841617.11
XODJI	N392929.86	W0841456.65
YOVUC	N393800.17	W0841408.40
ZAKIT	N394328.22	W0842019.88

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW19	N392806.01	W0841504.56	00898	41.7

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 898 TDZE: 898	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEBANON, OH	AIRPORT NAME: **WARREN COUNTY/JOHN LANE FIELD**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 4** 3 MARCH 2016	AMDT: **3A**
				DATED: **05/29/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IFI VORTAC	YUVCI (FB)	140.75 / 18.89	4000
YUVCI (IAF)	WABUT (FB)	129.93 / 3.19	4000
DAWKS (IAF)	WABUT (FB)	104.67 / 12.99	4000
TERSE (IAF)	WABUT (FB)	185.01 / 5.30	4000
LERME (IAF)	WABUT (FB)	074.94 / 5.30	4000
WABUT (IF)	ELUCK (FB)	130.01 / 4.67	2600
ELUCK (FAF)	FITSO/1.40 NM TO RW13 (FB)	130.03 / 2.59	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW13
LNAV: RW13

CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 3000 DIRECT JESKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 036.15 INBOUND.
CHART FAS OBST: 1434 TANK 352358N/0973720W
CHART FAS OBST: 1389 TREE 352427N/0973724W
CHART: ASR.
WAAS CHANNEL # 45625
REFERENCE PATH ID: W13A
WUYAS TO RW13: 3.00/52.
CHART CIRCLING ICON.
CHART ARRIVAL HOLDING AT YUVCI: HOLD N, RT, 129.96 INBOUND, 4000.
LTP HAE: 363 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT WABUT**
3. FAC: **130.03** FAF: **ELUCK** DIST FAF TO MAP: **3.99** THLD: **3.99**
4. MIN. ALT: **WABUT 4000, ELUCK 2600, FITSO/1.40 NM TO RW13 1760**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS CLEAR**
8. MSA FROM: **RW13 3800**

MAG VAR: **5E** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	**1640**	**1**	**361**	**1640**	**1**	**361**	**1640**	**1**	**361**	**1640**	**1**	**361**			
LNAV MDA	**1700**	**1**	**421**	**1700**	**1**	**421**	**1700**	**1 1/4**	**421**	**1700**	**1 1/4**	**421**			
CIRCLING	**1740**	**1**	**445**	**1760**	**1**	**465**	**1960**	**1 3/4**	**665**	**2000**	**2 1/4**	**705**			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
@ CAT D 800-2 1/4
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IFI VORTAC ON V140 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT TERSE AND LERME.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
OKLAHOMA CITY, OK	**ELEVATION: 1296 TDZE: 1279** AIRPORT NAME: **WILL ROGERS WORLD**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 3A** 3 MARCH 2016	SUP: 4 AMDT: 3 DATED 07/24/2014

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FITSO/1.40 NM TO RW13	RW13 (MAP) (FO)	130.03 / 1.40	
RW13 (MAP)	1700 MSL	130.03	1700
1700 MSL	JESKE (FO)		3000

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OKLAHOMA CITY, OK	ELEVATION: 1296 TDZE: 1279 AIRPORT NAME: WILL ROGERS WORLD	RNAV	RNAV (GPS) RWY 13, AMDT 3A 3 MARCH 2016	SUP: AMDT: 3 DATED: 07/24/2014

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 aiport 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	KOKC
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	352416.5890N
LTP/FTP LONGITUDE	0973657.2725W
LTP/FTP ELLIPSOIDAL HEIGHT	+03630
FPAP LATITUDE	352313.4200N
FPAP LONGITUDE	0973540.2900W
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	0376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	56846F7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03897
FPAP ORTHOMETRIC HEIGHT	+03897

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ARINC SUMMARY - KOKC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DAWKS	010	DAWKS	IF	FB										E A
DAWKS	020	WABUT	TF	FB	1.0	104.7						AA 04000		EE B
IFI	010	IFI	IF	FB										V
IFI	020	YUVCI	TF	FB	2.0	140.8						AA 04000		E C
IFI	030	WABUT	TF	FB	1.0	129.9						AA 04000		EE B
LERME	010	LERME	IF	FB										E A
LERME	020	WABUT	TF	FB	1.0	074.9						AA 04000		EE B
TERSE	010	TERSE	IF	FB										E A
TERSE	020	WABUT	TF	FB	1.0	185.0						AA 04000		EE B
	010	WABUT	IF	FB								AA 04000		E I
	020	ELUCK	TF	FB	1.0	130.0				RW13		AA 02600		E F
	021	FITSO	TF	FB	0.3	130.0		3.00				AA 01760 GS 01777		E S
	030	RW13	TF	FO	0.3	130.0		3.00				AT 01331		GY M
	040		CA	FB		130.0						AA 01700		M
	050	JESKE	DF	FO					R			AA 03000		EY
	060	JESKE	HM	FO		036.2			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
IFI	N354818.96	W0980014.10
DAWKS	N353448.27	W0975925.21
ELUCK	N352706.08	W0974024.02
FITSO	N352516.14	W0973809.86
JESKE	N352131.36	W0975112.35
LERME	N352929.09	W0975049.92
TERSE	N353538.21	W0974318.69
WABUT	N353024.57	W0974426.41
YUVCI	N353240.13	W0974712.59

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW13	N352416.59	W0973657.27	01279	52

CITY AND STATE	ELEVATION: **1296** **TDZE: 1279**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
OKLAHOMA CITY, OK	AIRPORT NAME: **WILL ROGERS WORLD**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 3A** 3 MARCH 2016	AMDT: **3**
				DATED: **07/24/2014**

QUALITY CHECKED 4

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LAMKE INT/I-RBW 12.61 DME (IF/IAF)	DOTMY/I-RBW 6.33 DME	229.06 / 6.28 (I-RBW)	1800

MISSED APPROACH

ILS: DA
LOC: I-RBW 1.13 DME FIX

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 ON HEADING 360 AND CHS VORTAC R-281.72 TO STOAS/CHS VORTAC 34.25 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 3000 ON HEADING 235.00 AND SAV (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 281.72 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW OWENS/SAV VORTAC 44.43 DME, LT, 033.69 INBOUND.
CHART FAS OBST: 212 TREES 325614N/0803732W
CHART VDP AT 2.17 DME*
DISTANCE VDP TO THLD 1.04 MILES.
***LOC ONLY.**
CHART IN PLANVIEW: OWENS/SAV VORTAC 44.43 DME.
CHART CIRCLING ICON.
CHART IN PLANVIEW ONLY: CHS 24.25 DME AT LAMKE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE LAMKE, RT, 229.06 INBOUND, 2100 FT. IN LIEU OF PT (IAF)**
3. FAC: **229.06** FAF: **DOTMY/I-RBW 6.33 DME** DIST FAF TO MAP: ____ THLD: **5.20**
4. MIN. ALT: **LAMKE 2100, DOTMY 1800, ZILTA/I-RBW 2.83 DME 680***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **876**
6. MIN GS INCPT: **1800** GS ALT AT: **DOTMY 1800** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **42.8**
8. MSA FROM: **DYB NDB 2100**

MAG VAR: **5W** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	**301**	**3/4**	**200**	**301**	**3/4**	**200**	**301**	**3/4**	**200**	**301**	**3/4**	**200**			
S-LOC 23	**480**	**3/4**	**379**	**480**	**3/4**	**379**	**480**	**1**	**379**	**480**	**1**	**379**			
CIRCLING	**620**	**1**	**519**	**640**	**1**	**539**	**700**	**1 1/2**	**599**	**700**	**2**	**599**			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 23 CAT C.
CHART NOTE: DME REQUIRED.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT LAMKE ON V18-311 NORTHWEST BOUND.
(CONTINUED ON PAGE 2)

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC/DME RWY 23
WALTERBORO, SC	**LOWCOUNTRY RGNL**	**I-RBW**	**ILS Y OR LOC Y RWY 23, AMDT 2** 3 MARCH 2016	AMDT: **1B** DATED **05/29/2014**

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MISSED APPROACH INSTRUCTIONS, (CONT.):
VORTAC R-033.69 TO OWENS/SAV VORTAC 44.43 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
***LOC ONLY**
CHART NOTE: VDP NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING:
INCREASE S-ILS 23 DA TO 379 FEET AND ALL MDA 80 FEET; INCREASE S-LOC 23 CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILTY 1/2 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE ODALS WHEN USING CHARLSTON AFB/INTL ALTIMETER SETTING, INCREASE S-ILS 23 ALL CATS VISIBILITY TO 7/8 MILE AND S-LOC 23 CAT D VISIBILITY TO 1 3/8 MILE.

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WALTERBORO, SC	**ELEVATION: 101** **TDZE: 101** AIRPORT NAME: **LOWCOUNTRY RGNL**	**I-RBW**	**ILS Y OR LOC Y RWY 23, AMDT 2** 3 MARCH 2016	SUP: **ILS OR LOC/DME RWY 23** AMDT: **1B** DATED: **05/29/2014**

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ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAMKE	010	LAMKE	HF	FO		229.1	CHS		R			AA 02100		EE A
	010	LAMKE	IF	FB			IRBW					AA 02100 GI 01800		E I
	020	DOTMY	CF	FB		229.0	IRBW	3.00		DYB		GI 01800 GS 01800		E F
	030	RW23	CF	FO		229.0	IRBW	3.00				AT 00144		GY M
	040		CA	FB		229.1						AA 00700		M
	050		VI	FB		360.0			R					
	060	STOAS	CF	FO		281.7	CHS					AA 02000		EY
	070	STOAS	HM	FO		281.7			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CHS	N325339.55	W0800216.13
IRBW (DME)	N325453.41	W0803853.74
DYB	N330340.60	W0801638.30
LAMKE	N330354.82	W0802824.35
STOAS	N325733.90	W0804241.59
DOTMY	N325923.90	W0803336.27
IRBW (LOC)	N325449.67	W0803851.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N325539.28	W0803754.28	00101	43

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS OR LOC/DME RWY 23
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	I-RBW	ILS Y OR LOC Y RWY 23, AMDT 2 3 MARCH 2016	AMDT: 1B DATED: 05/29/2014

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ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAMKE	010	LAMKE	HF	FO		229.1	CHS		R			AA 02100		EE A
	010	LAMKE	IF	FB			IRBW					AA 02100		E I
	020	DOTMY	CF	FB		229.0	IRBW			DYB		AA 01800		E F
	021	ZILTA	CF	FB		229.0	IRBW	3.01				AA 00680		E S
	030	RW23	CF	FO		229.0	IRBW	3.01				AT 00144		GY M
	040		CA	FB		229.1						AA 00700		M
	050		VI	FB		360.0			R					
	060	STOAS	CF	FO		281.7	CHS					AA 02000		EY
	070	STOAS	HM	FO		281.7			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CHS	N325339.55	W0800216.13
IRBW (DME)	N325453.41	W0803853.74
DYB	N330340.60	W0801638.30
LAMKE	N330354.82	W0802824.35
STOAS	N325733.90	W0804241.59
DOTMY	N325923.90	W0803336.27
ZILTA	N325652.71	W0803629.99
IRBW (LOC)	N325449.67	W0803851.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N325539.28	W0803754.28	00101	43

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LAMKE/I-RBW 12.61 DME (IF/IAF)	**DOTMY/I-RBW 6.33 DME**	**229.06 / 6.28 (I-RBW)**	**1800**

MISSED APPROACH

ILS: DA
LOC: I-RBW 1.13 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2000 DIRECT STOAS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 281.72 INBOUND.
CHART FAS OBST: 212 TREES 325614N/0803732W
CHART VDP AT 2.17 DME*
DISTANCE VDP TO THLD 1.04 MILES.
***LOC ONLY.**
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NE LAMKE, RT, 229.06 INBOUND, 2100 FT. IN LIEU OF PT (IAF)**
3. FAC: **229.06** FAF: **DOTMY/I-RBW 6.33 DME** DIST FAF TO MAP: ____ THLD: **5.20**
4. MIN. ALT: **LAMKE 2100, DOTMY 1800, ZILTA/I-RBW 2.83 DME 680***
5. DIST TO THLD FROM OM: **-** MM: **-** IM: **-** 150 HAT: **-** 100 HAT: **-** GS ANT: **876**
6. MIN GS INCPT: **1800** GS ALT AT: **DOTMY 1800** OM: **-** MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **42.8**
8. MSA FROM:

MAG VAR: **5W** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	**301**	**3/4**	**200**	**301**	**3/4**	**200**	**301**	**3/4**	**200**	**301**	**3/4**	**200**			
S-LOC 23	**480**	**3/4**	**379**	**480**	**3/4**	**379**	**480**	**1**	**379**	**480**	**1**	**379**			
CIRCLING	**620**	**1**	**519**	**640**	**1**	**539**	**700**	**1 1/2**	**599**	**700**	**2**	**599**			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 23 CAT C.
CHART NOTE: GPS AND DME REQUIRED.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
(CONTINUED ON PAGE 2)

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WALTERBORO, SC	**LOWCOUNTRY RGNL**	**I-RBW**	**ILS Z OR LOC Z RWY 23, ORIG** 3 MARCH 2016	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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
***LOC ONLY**
CHART NOTE: VDP NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 220 KIAS UNTIL COMPLETING TURN.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING: INCREASE S-ILS 23 DA TO 379 FEET AND ALL MDA 80 FEET; INCREASE S-LOC 23 CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE ODALS WHEN USING CHARLSTON AFB/INTL ALTIMETER SETTING, INCREASE S-ILS 23 ALL CATS VISIBILITY TO 7/8 MILE AND S-LOC CAT D VISIBILITY TO 1 3/8 MILE.

TAA

	FROM	TO	ALT
1.	139/30 CW 319/30 (NOPT)	LAMKE (IF/IAF) (FB)	2100
2.	319/30 CW 139/30	319/20 CW 139/20	2400
3.	319/20 CW 139/20	LAMKE (IF/IAF) (FO)	2100

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WALTERBORO, SC	**ELEVATION: 101** **TDZE: 101** AIRPORT NAME: **LOWCOUNTRY RGNL**	**I-RBW**	**ILS Z OR LOC Z RWY 23, ORIG** 3 MARCH 2016	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.

ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAMKE	010	LAMKE	HF	FO		229.1	CHS		R			AA 02100		EE A
	010	LAMKE	IF	FB			IRBW					AA 02100 GI 01800		E I
	020	DOTMY	CF	FB		229.0	IRBW	3.00				GI 01800 GS 01800		E F
	030	RW23	CF	FO		229.0	IRBW	3.00				AT 00144		GY M
	040		CA	FB		229.1						AA 01500	AB 220	M
	050	STOAS	DF	FO					R			AA 02000		EY
	060	STOAS	HM	FO		281.7			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CHS	N325339.55	W0800216.13
IRBW (DME)	N325453.41	W0803853.74
LAMKE	N330354.82	W0802824.35
STOAS	N325733.90	W0804241.59
DOTMY	N325923.90	W0803336.27
IRBW (LOC)	N325449.67	W0803851.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N325539.28	W0803754.28	00101	43

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	I-RBW	ILS Z OR LOC Z RWY 23, ORIG 3 MARCH 2016	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.

ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAMKE	010	LAMKE	HF	FO		229.1	CHS		R			AA 02100		EE A
	010	LAMKE	IF	FB			IRBW					AA 02100		E I
	020	DOTMY	CF	FB		229.0	IRBW					AA 01800		E F
	021	ZILTA	CF	FB		229.0	IRBW	3.01				AA 00680		E S
	030	RW23	CF	FO		229.0	IRBW	3.01				AT 00144		GY M
	040		CA	FB		229.1						AA 01500		M
	050	STOAS	DF	FO					R			AA 02000		EY
	060	STOAS	HM	FO		281.7			R			AA 02000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CHS	N325339.55	W0800216.13
IRBW (DME)	N325453.41	W0803853.74
LAMKE	N330354.82	W0802824.35
STOAS	N325733.90	W0804241.59
DOTMY	N325923.90	W0803336.27
ZILTA	N325652.71	W0803629.99
IRBW (LOC)	N325449.67	W0803851.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N325539.28	W0803754.28	00101	43

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: **101** **TDZE: 101**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: **LOWCOUNTRY RGNL**	**I-RBW**	**ILS Z OR LOC Z RWY 23, ORIG** 3 MARCH 2016	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALD VOR	EZAFY (FB)	085.02 / 25.43	2000
LAMKE	WIVEL (FB)	304.39 / 7.50	2000
EZAFY (IAF)	IDIFI (FB)	080.53 / 5.00	2000
WIVEL (IAF)	IDIFI (FB)	260.63 / 5.00	2000
BOWMA (IAF)	IDIFI (FB)	176.12 / 12.81	2000
IDIFI (IF)	WIBSI (FB)	170.58 / 6.11	1700
WIBSI (FAF)	HETIL/3.70 NM TO RW17 (FB)	170.60 / 1.19	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 2100 DIRECT LATNY AND ON TRACK 080.62 TO CIGLO AND TRACK 002.51 TO LAMKE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT IDIFI
3. FAC: 170.60 FAF: WIBSI DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: IDIFI 2000, WIBSI 1700, HETIL/3.70 NM TO RW17 1300*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: WIBSI 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW17 2400

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 229.15 INBOUND.
CHART FAS OBST: 197 TREE 325545N/0803804W
CHART: 349 TOWER 325925N/0803948W
DISTANCE TO THLD FROM 250 HAT: 0.69 NM.
CHART VDP AT 1.43 MILES TO RW17*
*LNAV ONLY.
WAAS CHANNEL # 93616
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
CHART: TDZE 93
LTP HAE: -6.6 M

MAG VAR: 5W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	343	1	250	343	1	250	343	1	250	343	1	250			
LNAV/VNAV DA	508	1 1/2	415	508	1 1/2	415	508	1 1/2	415	508	1 1/2	415			
LNAV MDA	580	1	487	580	1	487	580	1 3/8	487	580	1 3/8	487			
CIRCLING	620	1	519	640	1	539	700	1 1/2	599	700	2	599			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHARLESTON INTL/AFB ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALD VOR ON V417 WESTBOUND.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 93 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WALTERBORO, SC	LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 17, ORIG-A 3 MARCH 2016	AMDT: ORIG DATED 02/11/2010

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HETIL/3.70 NM TO RW17	RW17 (MAP) (FO)	170.60 / 3.70	
RW17 (MAP)	343 MSL	170.60	
343 MSL	LATNY (FB)		
LATNY	CIGLO (FB)	080.62 / 8.00	
CIGLO	LAMKE (FO)	002.51 / 11.86	2100

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING: INCREASE LPV DA TO 421 FEET AND LNAV/VNAV DA TO TO 587 FEET AND ALL MDA 80 FEET; INCREASE LPV VISIBILITY ALL CATS 1/8 MILE; INCREASE LNAV/VNAV VISIBILITY ALL CATS, LNAV CATS C/D, AND CIRCLING CAT D VISIBILITY 1/4 MILE; INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WALTERBORO, SC	**ELEVATION: 101** **TDZE: 93** AIRPORT NAME: **LOWCOUNTRY RGNL**	**RNAV**	**RNAV (GPS) RWY 17, ORIG-A** 3 MARCH 2016	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 aiport 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	KRBW
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	325540.7760N
LTP/FTP LONGITUDE	0803842.1815W
LTP/FTP ELLIPSOIDAL HEIGHT	-00066
FPAP LATITUDE	325414.3015N
FPAP LONGITUDE	0803815.8825W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	352947BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00251
FPAP ORTHOMETRIC HEIGHT	+00251

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 93	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 17, ORIG-A 3 MARCH 2016	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.

ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALD	010	ALD	IF	FB										V
ALD	020	EZAFY	TF	FB	2.0	085.0						AA 02000		E A
ALD	030	IDIFI	TF	FB	1.0	080.5						AA 02000		EE B
BOWMA	010	BOWMA	IF	FB										E A
BOWMA	020	IDIFI	TF	FB	1.0	176.1						AA 02000		EE B
LAMKE	010	LAMKE	IF	FB										E
LAMKE	020	WIVEL	TF	FB	2.0	304.4						AA 02000		E A
LAMKE	030	IDIFI	TF	FB	1.0	260.6						AA 02000		EE B
	010	IDIFI	IF	FB								AA 02000		E I
	020	WIBSI	TF	FB	0.5	170.6				RW17		AA 01700		E F
	021	HETIL	TF	FB	0.3	170.6		3.00				AA 01300 GS 01314		E S
	030	RW17	TF	FO	0.3	170.6		3.00				AT 00122		GY M
	040		CA	FB		170.6						AA 00343		M
	050	LATNY	DF	FB										E
	060	CIGLO	TF	FB	1.0	080.6								E
	070	LAMKE	TF	FO	1.0	002.5						AA 02100		EY
	080	LAMKE	HM	FO		229.2			R			AA 02100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ALD	N330044.98	W0811732.04
BOWMA	N331901.83	W0804418.63
CIGLO	N325202.23	W0802747.51
EZAFY	N330506.27	W0804743.25
HETIL	N325916.22	W0803947.77
IDIFI	N330621.26	W0804157.44
LAMKE	N330354.82	W0802824.35
LATNY	N325003.12	W0803659.55
WIBSI	N330025.37	W0804008.84
WIVEL	N330735.98	W0803611.47

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH

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RW17	N325540.78	W0803842.18	00082	40

CITY AND STATE	ELEVATION: 101 TDZE: 93	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 17, ORIG-A 3 MARCH 2016	AMDT: ORIG DATED: 02/11/2010

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LAMKE (IF/IAF)	DOTMY (FB)	229.15 / 6.28	1800
DOTMY (FAF)	RW23 (MAP) (FO)	229.10 / 5.20	
RW23 (MAP)	1200 MSL	229.10	1200
1200 MSL	LAMKE (FO)		2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2100 DIRECT LAMKE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE LAMKE, RT, 229.15 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 229.10 FAF: DOTMY DIST FAF TO MAP: 5.20 THLD: 5.20
4. MIN. ALT: LAMKE 2100, DOTMY 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: DOTMY 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 42.8 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

FAS OBST: 308 AAO 325823N/0803540W
DISTANCE TO THLD FROM 200 HAT: 0.49 NM.
CHART VDP AT 1.29 MILES TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 61016
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: -.9 M

MAG VAR: 5W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	301	3/4	200	301	3/4	200	301	3/4	200	301	3/4	200			
LNAV/VNAV DA	464	1 1/8	363	464	1 1/8	363	464	1 1/8	363	464	1 1/8	363			
LNAV MDA	560	3/4	459	560	3/4	459	560	1 1/8	459	560	1 1/8	459			
CIRCLING	620	1	519	640	1	539	700	1 1/2	599	700	2	599			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHARLESTON AFB/INTL ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WALTERBORO, SC	LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 2 3 MARCH 2016	AMDT: 1A DATED 05/29/2014

NOTES, (CONT.):

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ODALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/4 MILE AND LNAV CAT D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING: INCREASE LPV DA TO 379 FEET AND LNAV/VNAV DA TO 542 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV VISIBILITY ALL CATS, LNAV CATS C/D VISIBILITY, AND CIRCLING CAT D VISIBILITY 1/4 MILE; INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERTIVE ODALS WHEN USING CHARLESTON AFB/INTL ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBLITY TO 7/8 MILE AND LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBLITY TO 1 1/2 MILE.

TAA

	FROM	TO	ALT
1.	139/30 CW 319/30 (NOPT)	LAMKE (IF/IAF) (FB)	2100
2.	319/30 CW 139/30	319/20 CW 139/20	2400
3.	319/20 CW 139/20	LAMKE (IF/IAF) (FO)	2100

QUALITY 5 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRBW
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	325539.2750N
LTP/FTP LONGITUDE	0803754.2790W
LTP/FTP ELLIPSOIDAL HEIGHT	-00009
FPAP LATITUDE	325435.1145N
FPAP LONGITUDE	0803907.8770W
THRESHOLD CROSSING HEIGHT (TCH)	00042.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	29B2D9BB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00308
FPAP ORTHOMETRIC HEIGHT	+00308

QUALITY 5 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.

ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LAMKE	010	LAMKE	HF	FO		229.2			R			AA 02100		EE A
	010	LAMKE	IF	FB								AA 02100		E I
	020	DOTMY	TF	FB	0.5	229.2						AA 01800		E F
	030	RW23	TF	FO	0.3	229.1		3.00				AT 00144		GY M
	040		CA	FB		229.1						AA 01200		M
	050	LAMKE	DF	FO					R			AA 02100		EY
	060	LAMKE	HM	FO		229.2			R			AA 02100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
DOTMY	N325923.90	W0803336.27
LAMKE	N330354.82	W0802824.35

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW23	N325539.28	W0803754.28	00101	42.8

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 101	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 23, AMDT 2 3 MARCH 2016	AMDT: 1A
				DATED: 05/29/2014

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALD VOR	NIXGY (FB)	124.92 / 35.64	2400
CHS VORTAC	AHEFY (FB)	255.17 / 24.36	2400
NIXGY (IAF)	DORLY (FB)	080.59 / 5.00	2400
AHEFY (IAF)	DORLY (FB)	260.69 / 5.00	2400
DORLY (IF)	LATNY (FB)	350.64 / 6.14	1700
LATNY (FAF)	RW35 (MAP) (FO)	350.62 / 4.86	
RW35 (MAP)	398 MSL	350.62	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 2100 DIRECT WIBSI AND ON TRACK 075.51 TO LAMKE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT DORLY**
3. FAC: **350.62** FAF: **LATNY** DIST FAF TO MAP: **4.86** THLD: **4.86**
4. MIN. ALT: **DORLY 2400, LATNY 1700**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **1700** GS ALT AT: **LATNY 1700** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS CLEAR**
8. MSA FROM: **RW35 2400**

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 229.15 INBOUND.
CHART FAS OBST: 320 TOWER 325308N/0803851W
CHART BEAUFORT 2 MOA, BEAUFORT 3 MOA.
DISTANCE TO THLD FROM 303 HAT: 0.84 NM.
CHART VDP AT 1.34 MILES TO RW35*
***LNAV ONLY.**
WAAS CHANNEL # 48916
REFERENCE PATH ID: W35A
CHART CIRCLING ICON.
LTP HAE: -3.8 M

MAG VAR: **5W** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	398	1	303	398	1	303	398	1	303	398	1	303			
LNAV/VNAV DA	447	1 1/4	352	447	1 1/4	352	447	1 1/4	352	447	1 1/4	352			
LNAV MDA	560	1	465	560	1	465	560	1 3/8	465	560	1 3/8	465			
CIRCLING	620	1	519	640	1	539	700	1 1/2	599	700	2	599			

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: BARO-VNAV AND VDP NA WHEN USING CHARLESTON AFB/INTL ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ALD VOR AIRWAY RADIALS 058 CW 176.
(CONTINUED ON PAGE 2)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 101 TDZE: 95 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WALTERBORO, SC	**LOWCOUNTRY RGNL**	**RNAV**	**RNAV (GPS) RWY 35, ORIG-A** 3 MARCH 2016	4
				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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
398 MSL	WIBSI (FB)		
WIBSI	LAMKE (FO)	075.51 / 10.47	2100

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CHS VORTAC AIRWAY RADIALS 219 CW 324.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON AFB/INTL ALTIMETER SETTING: INCREASE LPV DA TO 476 FEET AND LNAV/VNAV DA TO TO 525 FEET AND ALL MDA 80 FEET; INCREASE LPV VISIBILITY ALL CATS, LNAV/VNAV VISIBILITY ALL CATS, LNAV CATS C/D VISIBILITY, AND CIRCLING CAT D VISIBILITY 1/4 MILE; INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE.

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	KRBW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	325446.1010N
LTP/FTP LONGITUDE	0803825.5500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00038
FPAP LATITUDE	325612.5735N
FPAP LONGITUDE	0803851.8610W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7BF64902

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00279
FPAP ORTHOMETRIC HEIGHT	+00279

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ARINC SUMMARY - KRBW

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALD	010	ALD	IF	FB										V
ALD	020	NIXGY	TF	FB	2.0	124.9						AA 02400		E A
ALD	030	DORLY	TF	FB	1.0	080.6						AA 02400		EE B
CHS	010	CHS	IF	FB										V
CHS	020	AHEFY	TF	FB	2.0	255.2						AA 02400		E A
CHS	030	DORLY	TF	FB	1.0	260.7						AA 02400		EE B
	010	DORLY	IF	FB								AA 02400		E I
	020	LATNY	TF	FB	0.5	350.6				RW35		AA 01700		E F
	030	RW35	TF	FO	0.3	350.6		3.00				AT 00132		GY M
	040		CA	FB		350.6						AA 00398		M
	050	WIBSI	DF	FB										E
	060	LAMKE	TF	FO	1.0	075.5						AA 02100		EY
	070	LAMKE	HM	FO		229.2			R			AA 02100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ALD	N330044.98	W0811732.04
CHS	N325339.55	W0800216.13
AHEFY	N324519.92	W0802926.48
DORLY	N324405.50	W0803511.10
LAMKE	N330354.82	W0802824.35
LATNY	N325003.12	W0803659.55
NIXGY	N324250.82	W0804055.56
WIBSI	N330025.37	W0804008.84

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW35	N325446.10	W0803825.55	00092	40

CITY AND STATE	ELEVATION: 101 TDZE: 95	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WALTERBORO, SC	AIRPORT NAME: LOWCOUNTRY RGNL	RNAV	RNAV (GPS) RWY 35, ORIG-A 3 MARCH 2016	AMDT: ORIG
				DATED: 02/11/2010

QUALITY 4 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DLL VORTAC	**TRVIS/I-DLL 12.90 DME**	**185.88 / 14.06**	**3000**
NEGUS/I-DLL 17.84 DME (IAF)	**TRVIS/I-DLL 12.90 DME (NOPT)**	**009.76 / 4.93 (I-DLL)**	**3000**
TRVIS/I-DLL 12.90 DME (IF/IAF)	**EQQED/I-DLL 6.90 DME**	**009.76 / 6.00 (I-DLL)**	**2900**

MISSED APPROACH

MAP: I-DLL 0.99 DME FIX

CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT DLL VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT LNR VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 187.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N LNR VOR/DME, RT, 201.77 INBOUND.
CHART FAS OBST: 1059 TREE 433013N/0894621W
CHART VDP AT 1.98 DME
DISTANCE VDP TO THLD 0.98 MILES.
CHART IN PLANVIEW: LNR VOR/DME.
EQQED TO RW01: 3.00/40.
CHART: DLL VORTAC R-186/14.06 DME AT TRVIS
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD S TRVIS, RT, 009.76 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC **009.76** FAF **EQQED/I-DLL 6.90 DME** DIST FAF TO MAP ____ THLD **5.91**
4. MIN. ALT **TRVIS 3000, EQQED 2900, JOVEB/I-DLL 4.09 DME 2000**
8. MSA FROM: **DLL VORTAC 3300**

MAG VAR: **1W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A **X**

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-01	**1320**	**1**	**341**	**1320**	**1**	**341**	**1320**	**1**	**341**		**NA**				
CIRCLING	**1540**	**1**	**561**	**1540**	**1**	**561**	**1560**	**1 1/2**	**581**		**NA**				

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE ROCK ALTIMETER SETTING AND INCREASE ALL MDA 100 FT, INCREASE S-1 CAT C VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE.
(CONTINUED ON PAGE 2)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION / TDZE / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
BARABOO, WI	**ELEVATION: 979 TDZE: 979** AIRPORT NAME: **BARABOO WISCONSIN DELLS**	**I-DLL**	**LOC/DME RWY 1, AMDT 2** 3 MARCH 2016	SUP AMDT 1C DATE **07/23/2015**

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

NOTES, (CONT.):
CHART NOTE: VDP NA WHEN USING LONE ROCK ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: USE I-DLL DME WHEN ON THE LOCALIZER COURSE.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCDENT (VGSI ANGLE {ANGLE} TCH {FEET}.
CHART PLANVIEW NOTE: DLL VORTAC R-186/14.1 DME SHOULD BE USED FOR PROCEDURE ENTRY ONLY.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BARABOO, WI	AIRPORT NAME: **BARABOO WISCONSIN DELLS**	**I-DLL**	**LOC/DME RWY 1, AMDT 2** 3 MARCH 2016	AMDT: **1C** DATED: **07/23/2015**

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

ARINC SUMMARY - KDLL

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DLL	010	DLL	IF	FB										V
DLL	020	TRVIS	TF	FO								AA 03000		EY
DLL	030	TRVIS	HF	FO		009.8	IDLL		R			AA 03000		EE A
NEGUS	010	NEGUS	IF	FB										E A
NEGUS	020	TRVIS	CF	FB		009.8	IDLL					AA 03000		EE B
	010	TRVIS	IF	FB			IDLL					AA 03000		E I
	020	EQQED	CF	FB		010.0	IDLL			DLL		AA 02900		E F
	021	JOVEB	CF	FB		010.0	IDLL	3.00				AA 02000		E S
	030	RW01	CF	FO		010.0	IDLL	3.00				AT 01017		GY M
	040		CA	FB		009.8						AA 03000		M
	050	DLL	DF	FO					R			AA 04000		VY
	060	DLL	HM	FO		187.0			R			AA 04000		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
DLL	N433303.00	W0894549.04
IDLL (DME)	N433155.29	W0894609.31
NEGUS	N431417.01	W0894949.10
EQQED	N432505.42	W0894732.43
JOVEB	N432752.28	W0894657.19
TRVIS	N431909.54	W0894847.41
IDLL (LOC)	N433154.91	W0894605.83

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW01	N433056.14	W0894618.29	00977	40

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **979** **TDZE: 979**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BARABOO, WI	AIRPORT NAME: **BARABOO WISCONSIN DELLS**	**I-DLL**	**LOC/DME RWY 1, AMDT 2** 3 MARCH 2016	AMDT: **1C**
				DATED: **07/23/2015**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LNR VOR/DME	ZAVOX (FO)	035.57 / 31.43	3000
MSN VORTAC	ZAVOX (FO)	335.41 / 38.64	3000
ZAVOX (IF/IAF)	KRUBI (FB)	191.40 / 6.02	2900
KRUBI (FAF)	TECYO/2.50 NM TO RW19 (FB)	189.78 / 3.40	
TECYO/2.50 NM TO RW19	RW19 (MAP) (FO)	189.78 / 2.50	
RW19 (MAP)	1302 MSL	189.78	
1302 MSL	TRVIS (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 3000 DIRECT TRVIS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N ZAVOX, RT, 191.39 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **189.78** FAF: **KRUBI** DIST FAF TO MAP: **5.90** THLD: **5.90**
4. MIN. ALT: **ZAVOX 3000, KRUBI 2900, TECYO/2.50 NM TO RW19 1800***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2900** GS ALT AT: **KRUBI 2900** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **53.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW19 3300**

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 009.73 INBOUND.
CHART FAS OBST: 1121 TANK 433224N/0894644W
DISTANCE TO THLD FROM 323 HAT: 0.88 NM.
CHART VDP AT 1.34 MILES TO RW19*
***LNAV ONLY.**
WAAS CHANNEL # 78232
REFERENCE PATH ID: W19A
CHART CIRCLING ICON
LTP HAE: 259.5 M

MAG VAR: **1W** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1341**	**1 1/4**	**362**	**1341**	**1 1/4**	**362**	**1341**	**1 1/4**	**362**		**NA**				
LNAV/VNAV DA	**1302**	**1 1/8**	**323**	**1302**	**1 1/8**	**323**	**1302**	**1 1/8**	**323**		**NA**				
LNAV MDA	**1420**	**1**	**441**	**1420**	**1**	**441**	**1420**	**1 3/8**	**441**		**NA**				
CIRCLING	**1540**	**1**	**561**	**1540**	**1**	**561**	**1560**	**1 1/2**	**581**		**NA**				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT ZAVOX ON V228 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LONE ROCK ALTIMETER SETTING AND
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT D 900-2 3/4

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
BARABOO, WI	**ELEVATION: 979 TDZE: 979** **BARABOO WISCONSIN DELLS**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 2** 3 MARCH 2016	SUP: 4 AMDT: 1B DATED 07/23/2015

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

INCREASE LPV DA TO 1438 FEET AND LNAV/VNAV DA TO 1399 FEET, LPV VISIBILITY 3/8 MILE, LNAV/VNAV VISIBILITY 1/4 MILE; INCREASE ALL MDA 100 FEET, LNAV CAT C VISIBILITY 1/8 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MSN VORTAC ON AIRWAY RADIALS 282 CW 031.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).

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

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BARABOO, WI	**ELEVATION: 979** **TDZE: 979** AIRPORT NAME: **BARABOO WISCONSIN DELLS**	**RNAV**	**RNAV (GPS) RWY 19, AMDT 2** 3 MARCH 2016	SUP: AMDT: **1B** DATED: **07/23/2015**

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 aiport 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	KDLL
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	433145.0435N
LTP/FTP LONGITUDE	0894607.9250W
LTP/FTP ELLIPSOIDAL HEIGHT	+02595
FPAP LATITUDE	433016.9720N
FPAP LONGITUDE	0894626.5905W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3A133A92

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02948
FPAP ORTHOMETRIC HEIGHT	+02948

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BARABOO, WI	ELEVATION: 979 TDZE: 979 AIRPORT NAME: BARABOO WISCONSIN DELLS	RNAV	RNAV (GPS) RWY 19, AMDT 2 3 MARCH 2016	SUP: 4 AMDT: 1B DATED: 07/23/2015

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

ARINC SUMMARY - KDLL

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
LNR	010	LNR	IF	FB										V
LNR	020	ZAVOX	TF	FO	2.0	035.6						AA 03000		EY
LNR	030	ZAVOX	HF	FO		191.4			R			AA 03000		EE A
MSN	010	MSN	IF	FB										V
MSN	020	ZAVOX	TF	FO	2.0	335.4						AA 03000		EY
MSN	030	ZAVOX	HF	FO		191.4			R			AA 03000		EE A
	010	ZAVOX	IF	FB								AA 03000		E I
	020	KRUBI	TF	FB	0.5	191.4				RW19		AA 02900		E F
	021	TECYO	TF	FB	0.3	189.8		3.00				AA 01800 GS 01816		E S
	030	RW19	TF	FO	0.3	189.8		3.00				AT 01020		GY M
	040		CA	FB		189.8						AA 01302		M
	050	TRVIS	DF	FO								AA 03000		EY
	060	TRVIS	HM	FO		009.7			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LNR	N431739.85	W0900759.33
MSN	N430841.41	W0892022.91
KRUBI	N433735.11	W0894453.58
TECYO	N433413.33	W0894536.47
TRVIS	N431909.54	W0894847.41
ZAVOX	N434330.31	W0894323.84

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW19	N433145.04	W0894607.93	00967	53

CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BARABOO, WI	AIRPORT NAME: BARABOO WISCONSIN DELLS	RNAV	RNAV (GPS) RWY 19, AMDT 2 3 MARCH 2016	AMDT: 1B DATED: 07/23/2015

QUALITY 4 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALEEN	SAPNY (FB)	061.50 / 26.56	3100
ENTAF (IAF)	RIGET (NOPT) (FB)	010.75 / 25.49	3100
SAPNY (IAF)	RIGET (NOPT) (FB)	114.61 / 5.00	3100
RIGET (IF/IAF)	PECRO (FB)	024.69 / 6.00	3000
PECRO (FAF)	RW03 (MAP) (FO)	024.73 / 5.41	
RW03 (MAP)	1514 MSL	024.73	
1514 MSL	DAIVE (FO)		3300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 3300 DIRECT DAIVE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW RIGET, RT, 024.69 INBOUND, 3100 FT. IN LIEU OF PT (IAF)**
3. FAC: **024.73** FAF: **PECRO** DIST FAF TO MAP: **5.41** THLD: **5.41**
4. MIN. ALT: **RIGET 3100, PECRO 3000**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3000** GS ALT AT: **PECRO 3000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW03 3100**

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 204.86 INBOUND.
CHART FAS OBST: 1529 TREE 455804N/0912823W
DISTANCE TO THLD FROM 300 HAT: 0.83 NM.
CHART VDP AT 1.66 MILES TO RW03*
***LNAV ONLY.**
WAAS CHANNEL # 90400
REFERENCE PATH ID: W03A
CHART CIRCLING ICON.
LTP HAE: 339.5 M

MAG VAR: **0E** EPOCH YEAR: **2000**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1514**	**1**	**300**	**1514**	**1**	**300**	**1514**	**1**	**300**	**1514**	**1**	**300**			
LNAV/VNAV DA	**1916**	**2 1/2**	**702**	**1916**	**2 1/2**	**702**	**1916**	**2 1/2**	**702**	**1916**	**2 1/2**	**702**			
LNAV MDA	**1780**	**1**	**566**	**1780**	**1**	**566**	**1780**	**1 1/2**	**566**	**1780**	**1 3/4**	**566**			
CIRCLING	**1840**	**1**	**624**	**2000**	**1**	**784**	**2080**	**2 1/2**	**864**	**2080**	**2 3/4**	**864**			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ASHLAND ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT C 900-2 1/2, CAT D 900-2 3/4

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
HAYWARD, WI	**ELEVATION: 1216 TDZE: 1214** AIRPORT NAME: **SAWYER COUNTY**	**RNAV**	**RNAV (GPS) RWY 3, ORIG-C** 3 MARCH 2016	SUP: **RNAV (GPS) RWY 2** AMDT: **ORIG-B** DATED **03/10/2011**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT {VGSI ANGLE {(ANGLE) /} TCH {(FEET)}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASHLAND ALTIMETER SETTING AND INCREASE ALL DA 143 FT AND ALL VISIBILITY 1/2 MILE, INCREASE ALL MDA 160 FEET, INCREASE LNAV CAT C/D VISIBILITY 3/8 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ALEEN ON V148 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR AARIVAL AT ENTAF ON V129 SOUTHBOUND.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1216 TDZE: 1214 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 2
HAYWARD, WI	**SAWYER COUNTY**	**RNAV**	**RNAV (GPS) RWY 3, ORIG-C** 3 MARCH 2016	AMDT: **ORIG-B** DATED: **03/10/2011**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	KHYR
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	460110.6630N
LTP/FTP LONGITUDE	0912654.1260W
LTP/FTP ELLIPSOIDAL HEIGHT	+03395
FPAP LATITUDE	460231.5385N
FPAP LONGITUDE	0912600.5350W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2B4975BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03684
FPAP ORTHOMETRIC HEIGHT	+03684

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.

ARINC SUMMARY - KHYR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALEEN	010	ALEEN	IF	FB										E
ALEEN	020	SAPNY	TF	FB	2.0	061.5						AA 03100		E A
ALEEN	030	RIGET	TF	FB	1.0	114.6						AA 03100		EE B
ENTAF	010	ENTAF	IF	FB										E A
ENTAF	020	RIGET	TF	FB	1.0	010.8						AA 03100		EE B
RIGET	010	RIGET	HF	FO		024.7			R			AA 03100		EE A
	010	RIGET	IF	FB								AA 03100		E I
	020	PECRO	TF	FB	1.0	024.7				RW03		AA 03000		E F
	030	RW03	TF	FO	0.3	024.7		3.00				AT 01249		GY M
	040		CA	FB		024.7						AA 01514		M
	050	DAIVE	DF	FO								AA 03300		EY
	060	DAIVE	HM	FO		204.9			R			AA 03300		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
ALEEN	N454018.41	W0921339.69
DAIVE	N461215.68	W0911931.94
ENTAF	N452546.59	W0914032.65
PECRO	N455615.72	W0913009.16
RIGET	N455048.77	W0913344.61
SAPNY	N455253.87	W0914014.78

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW03	N460110.66	W0912654.13	01209	40

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **1216** **TDZE: 1214**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 2**
HAYWARD, WI	AIRPORT NAME: **SAWYER COUNTY**	**RNAV**	**RNAV (GPS) RWY 3, ORIG-C** 3 MARCH 2016	AMDT: **ORIG-B**
				DATED: **03/10/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LAMPY	JUDAQ (FB)	047.21 / 23.78	3300
RUSSH	OGTOW (FB)	308.40 / 27.11	3300
JUDAQ (IAF)	DAIVE (NOPT) (FB)	114.76 / 6.40	3300
OGTOW (IAF)	DAIVE (NOPT) (FB)	294.96 / 6.40	3300
DAIVE (IF/IAF)	OBBEY (FB)	204.86 / 5.92	3000
OBBEY (FAF)	POVYI/2.40 NM TO RW21 (FB)	204.82 / 3.07	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3100 DIRECT RIGET AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE DAIVE, RT, 204.86 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
3. FAC: 204.82 FAF: OBBEY DIST FAF TO MAP: 5.47 THLD: 5.47
4. MIN. ALT: DAIVE 3300, OBBEY 3000, POVYI/2.40 NM TO RW21 2020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: OBBEY 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 41.5 34:1 IS NOT CLEAR
8. MSA FROM: RW21 3100

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 024.69 INBOUND.
CHART FAS OBST: 1399 TREE 460131N/0912542W
OBST: 1639 AAO 460629N/0912103W
DISTANCE TO THLD FROM 302 HAT: 0.82 NM.
CHART VDP AT 1.19 MILES TO RW21*
*LNAV ONLY.
WAAS CHANNEL # 49000
REFERENCE PATH ID: W21A
CHART CIRCLING ICON.
LTP HAE: 341.8 M

MAG VAR: 0E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1518	3/4	302	1518	3/4	302	1518	3/4	302	1518	3/4	302			
LNAV/VNAV DA	1560	3/4	344	1560	3/4	344	1560	3/4	344	1560	3/4	344			
LNAV MDA	1640	3/4	424	1640	3/4	424	1640	3/4	424	1640	3/4	424			
CIRCLING	1840	1	624	2000	1	784	2080	2 1/2	864	2080	2 3/4	864			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 54C (130F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE AND LNAV
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@CAT C900-2 1/2,CAT D 900- 2 3/4

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1216 TDZE: 1216 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 20
HAYWARD, WI	SAWYER COUNTY	RNAV	RNAV (GPS) RWY 21, AMDT 1A 3 MARCH 2016	AMDT: 1
				DATED 08/20/2015

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
POVYI/2.40 NM TO RW21	RW21 (MAP) (FO)	204.82 / 2.40	
RW21 (MAP)	1518 MSL	204.82	
1518 MSL	RIGET (FO)		3100

NOTES, (CONT.):
CAT A AND B VISIBILITY TO 1 MILE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASHLAND ALTIMETER SETTING AND INCREASE ALL DA 143 FT AND ALL MDA 160 FT AND INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV ALL CATS AND LNAV CAT C AND D AND CIRCLING CAT C VISIBILITY 1/2 MILE, AND CIRCLING CATS B AND D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ASHLAND ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE, LNAV/VNAV ALL CATS VISIBILITY TO 1 5/8 MILE, AND LNAV CAT A AND B VISIBILITY TO 1 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ASHLAND ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LAMPY ON V129 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUSSH ON V413 SOUTHWEST BOUND.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1216 TDZE: 1216 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS)RWY 20
HAYWARD, WI	SAWYER COUNTY	RNAV	RNAV (GPS) RWY 21, AMDT 1A 3 MARCH 2016	AMDT: 1 DATED: 08/20/2015

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	KHYR
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	460155.4995N
LTP/FTP LONGITUDE	0912624.4245W
LTP/FTP ELLIPSOIDAL HEIGHT	+03418
FPAP LATITUDE	460034.6235N
FPAP LONGITUDE	0912718.0045W
THRESHOLD CROSSING HEIGHT (TCH)	00041.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	3EEE92E6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03706
FPAP ORTHOMETRIC HEIGHT	+03706

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.

ARINC SUMMARY - KHYR

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
DAIVE	010	DAIVE	HF	FO		204.9			R			AA 03300		EE A
LAMPY	010	LAMPY	IF	FB										E
LAMPY	020	JUDAQ	TF	FB	2.0	047.2						AA 03300		E A
LAMPY	030	DAIVE	TF	FB	1.0	114.8						AA 03300		EE B
RUSSH	010	RUSSH	IF	FB										E
RUSSH	020	OGTOW	TF	FB	2.0	308.4						AA 03300		E A
RUSSH	030	DAIVE	TF	FB	1.0	295.0						AA 03300		EE B
	010	DAIVE	IF	FB								AA 03300		E I
	020	OBBEY	TF	FB	1.0	204.9				RW21		AA 03000		E F
	021	POVYI	TF	FB	0.3	204.8		3.00				AA 02020 GS 02022		E S
	030	RW21	TF	FO	0.3	204.8		3.00				AT 01258		GY M
	040		CA	FB		204.8						AA 01518		M
	050	RIGET	DF	FO								AA 03100		EY
	060	RIGET	HM	FO		024.7			R			AA 03100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
DAIVE	N461215.68	W0911931.94
JUDAQ	N461456.76	W0912754.00
LAMPY	N455850.49	W0915302.81
OBBEY	N460653.43	W0912306.63
OGTOW	N460933.99	W0911110.70
POVYI	N460406.19	W0912457.74
RIGET	N455048.77	W0913344.61
RUSSH	N455247.79	W0904036.50

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW21	N460155.50	W0912624.42	01216	41.5

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: **1216** TDZE: **1216**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: **RNAV (GPS) RWY 20**
HAYWARD, WI	AIRPORT NAME: **SAWYER COUNTY**	**RNAV**	**RNAV (GPS) RWY 21, AMDT 1A** 3 MARCH 2016	AMDT: **1**
				DATED: **08/20/2015**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION: 343 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MCGRATH, AK	AIRPORT NAME: **MCGRATH**	**MCG**	**VOR-A, AMDT 8 07/05/2007**	AMDT **7**
				DATE **03/05/1992**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AVNAC (IAF)	HOTKU (NOPT) (FB)	052.67 / 6.50	2500
BATTU (IAF)	HOTKU (NOPT) (FB)	192.92 / 6.50	2500
HOTKU (IF/IAF)	JOSAD (FB)	122.84 / 5.94	1600
JOSAD (FAF)	RW12 (MAP) (FO)	122.96 / 4.79	
RW12 (MAP)	292 MSL	122.96	
292 MSL	CUTEB (FO)		5200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 5200 DIRECT CUTEB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW HOTKU, RT, 122.84 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 122.96 FAF: JOSAD DIST FAF TO MAP: 4.79 THLD: 4.79
4. MIN. ALT: HOTKU 2500, JOSAD 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: JOSAD 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 35.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 303.43 INBOUND.
FAS OBST: 249 AAO 594749N/1615554W
DISTANCE TO THLD FROM 250 HAT: 0.67 NM.
CHART VDP AT 1.36 MILES TO RW12*
*LNAV ONLY.
WAAS CHANNEL # 99311
REFERENCE PATH ID: W12A
LTP HAE: 25.4 M

MAG VAR: 11E EPOCH YEAR: 2020

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	292	1	250	292	1	250	292	1	250	292	1	250			
LNAV/VNAV DA	292	1	250	292	1	250	292	1	250	292	1	250			
LNAV MDA	500	1	458	500	1	458	500	1 3/8	458	500	1 3/8	458			
CIRCLING	500	1	458	500	1	458	580	1 1/2	538	600	2	558			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE} TCH {FEET}).
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	QUINHAGAK	RNAV	RNAV (GPS) RWY 12, AMDT 1 31 MARCH 2016	AMDT: ORIG-A DATED 09/23/2010

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KIPNUK ALTIMETER SETTING AND INCREASE ALL DA AND MDA 160 FEET; INCREASE LPV ALL CATS VISIBILITY, LNAV/VNAV ALL CATS VISIBILITY AND LNAV CATS C,D VISIBILITY 3/8 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

CHART NOTE: PROCEDURE NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	053/30 CW 193/30 (NOPT)	HOTKU (IF/IAF) (FB)	2500
2.	193/30 CW 303/30	193/15 CW 303/15 (FB)	4800
3.	193/15 CW 303/15	BATTU (IAF) (FB)	2500
4.	303/30 CW 053/30	303/15 CW 053/15 (FB)	4800
5.	303/15 CW 053/15	AVNAC (IAF) (FB)	2500

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	AIRPORT NAME: QUINHAGAK	RNAV	RNAV (GPS) RWY 12, AMDT 1 31 MARCH 2016	AMDT: ORIG-A
				DATED: 09/23/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	**QUINHAGAK**	**RNAV**	**RNAV (GPS) RWY 12, AMDT 1** 31 MARCH 2016	AMDT: **ORIG-A** DATED: **09/23/2010**

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PAQH
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	594532.0365N
LTP/FTP LONGITUDE	1615111.3725W
LTP/FTP ELLIPSOIDAL HEIGHT	+00254
FPAP LATITUDE	594430.2190N
FPAP LONGITUDE	1614904.8520W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B4D363A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00125
FPAP ORTHOMETRIC HEIGHT	+00125

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.

ARINC SUMMARY - PAQH

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
AVNAC	010	AVNAC	IF	FB										E A
AVNAC	020	HOTKU	TF	FB	1.0	052.7						AA 02500		EE B
BATTU	010	BATTU	IF	FB										E A
BATTU	020	HOTKU	TF	FB	1.0	192.9						AA 02500		EE B
HOTKU	010	HOTKU	HF	FO		122.8			R			AA 02500		EE A
	010	HOTKU	IF	FB								AA 02500		E I
	020	JOSAD	TF	FB	1.0	122.8						AA 01600		E F
	030	RW12	TF	FO	0.3	123.0		3.00				AT 00076		GY M
	040		CA	FB		123.0						AA 00292		M
	050	CUTEB	DF	FO								AA 05200		EY
	060	CUTEB	HM	FO		303.4			R			AA 05200		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
AVNAC	N595005.70	W1621803.07
BATTU	N595853.39	W1620115.70
CUTEB	N593253.74	W1612533.33
HOTKU	N595257.70	W1620629.43
JOSAD	N594851.04	W1615800.02

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW12	N594532.04	W1615111.37	00041	35

QUALITY 4

CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	AIRPORT NAME: QUINHAGAK	RNAV	RNAV (GPS) RWY 12, AMDT 1 31 MARCH 2016	AMDT: ORIG-A
				DATED: 09/23/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BEVNE (IAF)	CUTEB (NOPT) (FB)	013.35 / 6.50	5200
ZALIB (IAF)	CUTEB (NOPT) (FB)	233.60 / 6.50	5200
CUTEB (IF/IAF)	VIVUC (FB)	303.43 / 7.71	3300
VIVUC (FAF)	OLATE/2.70 NM TO RW30 (FB)	303.28 / 7.09	
OLATE/2.70 NM TO RW30	RW30 (MAP) (FO)	303.28 / 2.70	
RW30 (MAP)	292 MSL	303.28	
292 MSL	HOTKU (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 2500 DIRECT HOTKU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 122.84 INBOUND.
CHART FAS OBST: 64 TREE 594500N/1615019W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 0.74 MILES TO RW30*
***LNAV ONLY.**
WAAS CHANNEL # 58310
REFERENCE PATH ID: W30A
LTP HAE: 25.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SE CUTEB, RT, 303.43 INBOUND, 5200 FT. IN LIEU OF PT (IAF)**
3. FAC: **303.28** FAF: **VIVUC** DIST FAF TO MAP: **9.79** THLD: **9.79**
4. MIN. ALT: **CUTEB 5200, VIVUC 3300, OLATE/2.70 NM TO RW30 960***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3300** GS ALT AT: **VIVUC 3300** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.10** TCH: **35.0** **34:1 IS CLEAR**
8. MSA FROM:

MAG VAR: **11E** EPOCH YEAR: **2020**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	292	1	250	292	1	250	292	1	250	292	1	250			
LNAV/VNAV DA	292	1	250	292	1	250	292	1	250	292	1	250			
LNAV MDA	320	1	278	320	1	278	320	1	278	320	1	278			
CIRCLING	400	1	358	500	1	458	580	1 1/2	538	600	2	558			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 51C (124F).
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
QUINHAGAK, AK	**ELEVATION: 42 TDZE: 42** AIRPORT NAME: **QUINHAGAK**	**RNAV**	**RNAV (GPS) RWY 30, AMDT 1** 31 MARCH 2016	SUP: ____ AMDT: **ORIG-A** DATED **09/23/2010**

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NOTES, (CONT.):

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE KIPNUK ALTIMETER SETTING AND INCREASE ALL DA AND MDA 160 FEET; INCREASE LPV ALL CATS VISIBILITY AND LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, INCREASE LNAV CATS C,D VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	233/30 CW 283/30 (NOPT)	233/19 CW 283/19	5500
2.	283/30 CW 013/30	CUTEB (IF/IAF) (FB)	5200
3.	233/19 CW 283/19	CUTEB (IF/IAF) (FB)	5200
4.	013/30 CW 123/30	BEVNE (IAF) (FB)	5200
5.	123/30 CW 233/30	123/12 CW 233/12	6700
6.	123/12 CW 233/12	ZALIB (IAF) (FB)	5200

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
QUINHAGAK, AK	**ELEVATION: 42** **TDZE: 42** AIRPORT NAME: QUINHAGAK	RNAV	**RNAV (GPS) RWY 30, AMDT 1** 31 MARCH 2016	SUP: AMDT: ORIG-A DATED: 09/23/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	AIRPORT NAME: **QUINHAGAK**	**RNAV**	**RNAV (GPS) RWY 30, AMDT 1** 31 MARCH 2016	AMDT: **ORIG-A**
				DATED: **09/23/2010**

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 aiport 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	PAQH
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	594504.6355N
LTP/FTP LONGITUDE	1615015.2655W
LTP/FTP ELLIPSOIDAL HEIGHT	+00257
FPAP LATITUDE	594606.4420N
FPAP LONGITUDE	1615221.8445W
THRESHOLD CROSSING HEIGHT (TCH)	00035.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.10
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5BF2A96B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00128
FPAP ORTHOMETRIC HEIGHT	+00128

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.

ARINC SUMMARY - PAQH

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
BEVNE	010	BEVNE	IF	FB										E A
BEVNE	020	CUTEB	TF	FB	1.0	013.4						AA 05200		EE B
CUTEB	010	CUTEB	HF	FO		303.4			R			AA 05200		EE A
ZALIB	010	ZALIB	IF	FB										E A
ZALIB	020	CUTEB	TF	FB	1.0	233.6						AA 05200		EE B
	010	CUTEB	IF	FB								AA 05200		E I
	020	VIVUC	TF	FB	1.0	303.4						AA 03300		E F
	021	OLATE	TF	FB	0.3	303.3		3.10				AA 00960	GS 00965	E S
	030	RW30	TF	FO	0.3	303.3		3.10				AT 00077		GY M
	040		CA	FB		303.3						AA 00292		M
	050	HOTKU	DF	FO								AA 02500		EY
	060	HOTKU	HM	FO		122.8			R			AA 02500		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
BEVNE	N592659.46	W1613049.30
CUTEB	N593253.74	W1612533.33
HOTKU	N595257.70	W1620629.43
OLATE	N594312.17	W1614625.45
VIVUC	N593816.17	W1613623.70
ZALIB	N593541.13	W1611401.20

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW30	N594504.64	W1615015.27	00042	35

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 42 TDZE: 42	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
QUINHAGAK, AK	AIRPORT NAME: QUINHAGAK	RNAV	RNAV (GPS) RWY 30, AMDT 1 31 MARCH 2016	AMDT: ORIG-A
				DATED: 09/23/2010

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
QUINHAGAK, AK	QUINHAGAK	31 MARCH 2016	1

TAKEOFF MINIMUMS:

RWY 30, STANDARD.
RWY 12, STANDARD WITH MINIMUM CLIMB OF 255 FT PER NM TO 4200, OR 1400-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

VISUAL CLIMB OVER AIRPORT:

RWY 12: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS QUINHAGAK AIRPORT AT OR ABOVE 1300 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, POLE 19 FT FROM DER, 279 FT RIGHT OF CENTERLINE, 15 FT AGL/46 FT MSL.TREES BEGINNING 225 FT FROM, DER, 151 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/64 FT MSL.

NOTE: RWY 30, TREES BEGINNING 251 FT FROM DER, 433 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/64 FT MSL. TREES BEGINNING 834 FT FROM DER, 674 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/64 FT MSL.

CONTROLLING OBSTACLES:

RWY 12: 2739 FT MSL AAO, 593020.80N-1613724.20W, 3150 FT MSL AAO, 593629.74N-1611347.52W.
VCOA: 2739 FT MSL AAO, 593020.80N-1613724.20W, 264 FT MSL TOWER, 594343.97N-1615423.41W.

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
QUINHAGAK, AK	QUINHAGAK	31 MARCH 2016	1

REMARKS:

CHANGED MAGVAR FROM 14E-11E.

FLIGHT INSPECTED BY:				REQUIRED EFFECTIVE DATE:
GREG BAUR	*Digitally signed by* ***ALLAN WILL*** Dec 17, 2015	FICO	12/09/2015	ROUTINE
DEVELOPED BY:				
AISHAT NAUZO	*Digitally signed by* ***ALLAN WILL*** Dec 17, 2015	AJV-5430	10/7/2015	3/31/2016
APPROVED BY:				
LONNIE EVERHART	*Digitally signed by* ***ALLAN WILL*** Dec 17, 2015	AJV-5430		

COORDINATED WITH:

ALPA, AOPA, NBAA, ZAN, AMGR

CHANGES:

1 UPDATED TAKEOFF OBSTACLE NOTES.
2 RAISED RWY 12 CLIMB GRADIENT FROM 220 TO 255 FT PER NM.
3 RAISED RWY 12 CLIMB GRADIENT TERMINATION ALTITUDE FROM 3600 TO 4200.
4 RAISED RWY 12 CEILING FROM 1100 TO 1400.
5 RAISED VCOA ALTITUDE FROM 1000 TO 1300.

REASONS:

1-5 NEW EVALUATION.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
STUTTGART, AR	**ELEVATION: 224** **TDZE:** AIRPORT NAME: **STUTTGART MUNI**	**PBF**	**VOR/DME-A, AMDT 1B, 07/31/2008**	SUP AMDT **1A** DATE **06/08/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		
BAKERSFIELD, CA	**ELEVATION: 507 TDZE: 490** AIRPORT NAME: **MEADOWS FIELD**	**EHF**	**VOR/DME RWY 30R, AMDT 9, 11/23/2006**	SUP	**VOR RWY 30R**
				AMDT	**8**
				DATE	**10/30/2003**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SAN FRANCISCO, CA	**ELEVATION: 13 TDZE: 11** AIRPORT NAME: **SAN FRANCISCO INTL**	**SFO**	**VOR RWY 19L, AMDT 11, 09/18/2014**	SUP AMDT **10A** DATE **06/26/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SANTA ROSA, CA	**ELEVATION: 129** **TDZE: 122** AIRPORT NAME: **CHARLES M SCHULZ - SONOMA COUNTY**	**STS**	**VOR/DME RWY 32, AMDT 20, 04/30/2015**	SUP **VOR RWY 32** AMDT **19** DATE **03/15/2007**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FORT LAUDERDALE, FL	**ELEVATION: 9** **TDZE: 7** AIRPORT NAME: **FORT LAUDERDALE/HOLLYWOOD INTL**	**FLL**	**VOR RWY 28R, AMDT 13A, 05/29/2014**	SUP AMDT **13** DATE **05/02/2013**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 93** AIRPORT NAME: **ORLANDO INTL**	**ORL**	**VOR/DME RWY 36L, AMDT 5A, 04/15/2004**	SUP AMDT **5** DATE **05/15/2003**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ORLANDO, FL	**ELEVATION: 96** **TDZE: 92** AIRPORT NAME: **ORLANDO INTL**	**ORL**	**VOR/DME RWY 36R, AMDT 10A, 04/15/2004**	SUP AMDT **10** DATE **01/23/2003**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ALBANY, GA	**ELEVATION: 196 TDZE: 196** AIRPORT NAME: **SOUTHWEST GEORGIA RGNL**	**ABY**	**NDB RWY 4, AMDT 13B, 11/13/2014**	SUP AMDT **13A** DATE **09/18/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TIINI (IAF)	CAVEB (FB)	084.39 / 10.99	3000
MIKEE (IAF)	CAVEB (FB)	144.59 / 5.85	3000
CAVEB (IF)	FABMA (FB)	084.52 / 8.78	3000
FABMA (FAF)	WUPLA/2.70 NM TO RW08 (FB)	084.62 / 4.05	
WUPLA/2.70 NM TO RW08	RW08 (MAP) (FO)	084.62 / 2.70	
RW08 (MAP)	1600 MSL	084.62	1600
1600 MSL	MIKEE (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 3000 DIRECT MIKEE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT CAVEB**
3. FAC: **084.62** FAF: **FABMA** DIST FAF TO MAP: **6.75** THLD: **6.75**
4. MIN. ALT: **CAVEB 3000, FABMA 3000, WUPLA/2.70 NM TO RW08 1700***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3000** GS ALT AT: **FABMA 3000** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **50.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW08 3100**

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 125.36 INBOUND.
CHART FAS OBST: 1284 TOWER 334639N/0843438W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 2.15 MILES TO RW08*
***LNAV ONLY.**
WAAS CHANNEL # 65804
REFERENCE PATH ID: W08A
CHART CIRCLING ICON.
LTP HAE: 214.3 M

MAG VAR: **5W** EPOCH YEAR: **2015**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | **STANDARD @**

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**1058**	**3/4**	**250**	**1058**	**3/4**	**250**	**1058**	**3/4**	**250**	**1058**	**3/4**	**250**			
LNAV/VNAV DA	**1653**	**2 1/2**	**845**	**1653**	**2 1/2**	**845**	**1653**	**2 1/2**	**845**	**1653**	**2 1/2**	**845**			
LNAV MDA	**1540**	**3/4**	**732**	**1540**	**3/4**	**732**	**1540**	**1 5/8**	**732**	**1540**	**1 5/8**	**732**			
CIRCLING	**1540**	**1**	**699**	**1540**	**1**	**699**	**1740**	**2 3/4**	**899**	**1740**	**3**	**899**			

NOTES:
CHART NOTE: NIGHT LANDING: RWY 9, 14, 27, 32 NA.
@ CAT C 900-2 3/4, CAT D 900-3
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -9C (16F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 841 TDZE: 808 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	**FULTON COUNTY AIRPORT-BROWN FIELD**	**RNAV**	**RNAV (GPS) Y RWY 8, AMDT 1A** 31 MARCH 2016	AMDT: **1**
				DATED **11/15/2012**

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY AT MIKEE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILTY 1/8 MILE ALL CATS AND INCREASE LNAV CAT A/B VISIBILITY TO 1 MILE, AND CAT C/D TO 2 MILES.

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ATLANTA, GA	**ELEVATION: 841** **TDZE: 808** AIRPORT NAME: **FULTON COUNTY AIRPORT-BROWN FIELD**	**RNAV**	**RNAV (GPS) Y RWY 8, AMDT 1A** 31 MARCH 2016	SUP: AMDT: **1** DATED: **11/15/2012**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	KFTY
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	334643.2910N
LTP/FTP LONGITUDE	0843148.3295W
LTP/FTP ELLIPSOIDAL HEIGHT	+02143
FPAP LATITUDE	334659.2800N
FPAP LONGITUDE	0843003.1600W
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	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8EAB53D4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02438
FPAP ORTHOMETRIC HEIGHT	+02438

QUALITY 22 CHECKED

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ARINC SUMMARY - KFTY

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
MIKEE	010	MIKEE	IF	FB										E A
MIKEE	020	CAVEB	TF	FB	1.0	144.6						AA 03000		EE B
TIINI	010	TIINI	IF	FB										E A
TIINI	020	CAVEB	TF	FB	1.0	084.4						AA 03000		EE B
	010	CAVEB	IF	FB								AA 03000		E I
	020	FABMA	TF	FB	0.5	084.5				RW08		AA 03000		E F
	021	WUPLA	TF	FB	0.3	084.6		3.00				AA 01700 GS 01710		E S
	030	RW08	TF	FO	0.3	084.6		3.00				AT 00850		GY M
	040		CA	FB		084.6						AA 01600		M
	050	MIKEE	DF	FO					L			AA 03000		EY
	060	MIKEE	HM	FO		125.4			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CAVEB	N334354.79	W0845008.01
FABMA	N334530.40	W0843946.37
MIKEE	N334822.65	W0845440.91
TIINI	N334153.89	W0850304.84
WUPLA	N334614.20	W0843459.52

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW08	N334643.29	W0843148.33	00800	50

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 841 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: FULTON COUNTY AIRPORT-BROWN FIELD	RNAV	RNAV (GPS) Y RWY 8, AMDT 1A 31 MARCH 2016	AMDT: 1 DATED: 11/15/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CLINTON, IA	**ELEVATION: 708 TDZE: 700** AIRPORT NAME: **CLINTON MUNI**	**CVA**	**VOR RWY 3, AMDT 15A, 04/08/2010**	SUP AMDT **15** DATE **01/15/2009**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEWTON, IA	**ELEVATION: 952 TDZE: 950** AIRPORT NAME: **NEWTON MUNI-EARL JOHNSON FIELD**	**TNU**	**VOR RWY 32, AMDT 9A, 08/10/2000**	SUP **VOR OR GPS RWY 32** AMDT **9** DATE **11/09/1995**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
OTTUMWA, IA	**ELEVATION: 845 TDZE: 841** AIRPORT NAME: **OTTUMWA RGNL**	**OTM**	**VOR RWY 31, AMDT 15, 03/12/2009**	SUP **VOR OR GPS RWY 31** AMDT **14B** DATE **09/28/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR OR TACAN STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SIOUX CITY, IA	**ELEVATION: 1098** **TDZE: 1096** AIRPORT NAME: **SIOUX GATEWAY/COL BUD DAY FIELD**	**SUX**	**VOR OR TACAN RWY 31, AMDT 26D, 02/05/2015**	SUP AMDT **26C** DATE **10/17/2013**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION / TDZE / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
WATERLOO, IA	**ELEVATION: 873** **TDZE: 869** AIRPORT NAME: **WATERLOO RGNL**	**ALO**	**VOR RWY 36, AMDT 17A, 01/23/2003**	SUP AMDT **17** DATE **04/20/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
COEUR D'ALENE, ID	**ELEVATION: 2320 TDZE: 2290** AIRPORT NAME: **COEUR D'ALENE - PAPPY BOYINGTON FIELD**	**COE**	**VOR RWY 6, ORIG-D, 11/12/2015**	SUP AMDT **ORIG-C** DATE **04/03/2014**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
IDAHO FALLS, ID	**ELEVATION: 4744** **TDZE: 4735** AIRPORT NAME: **IDAHO FALLS RGNL**	**ID**	**NDB RWY 20, AMDT 10D, 02/10/2011**	SUP AMDT **10C** DATE **01/15/2009**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LEWISTON, ID	**ELEVATION: 1442 TDZE: 1442** AIRPORT NAME: **LEWISTON-NEZ PERCE COUNTY**	**MQG**	**VOR RWY 26, AMDT 13, 08/27/2009**	SUP **VOR OR GPS RWY 26** AMDT **12C** DATE **06/05/2008**

FAA FORM 8260-5 / April 2006 (computer generated)

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
SALMON, ID	LEMHI COUNTY	3/31/2016	3

TAKEOFF MINIMUMS:

RWY 17, NA – OBSTACLES.
RWY 35, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 10700, OR 5900-3 FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 35: CLIMB ON HEADING 354.80 TO 9000, THEN CLIMBING LEFT TURN TO 12000 DIRECT LKT VOR/DME BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 35: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS LEMHI COUNTY AIRPORT SOUTHWEST BOUND AT OR ABOVE 9800, THEN CONTINUE CLIMB ON LKT R-042 TO CROSS LKT VOR/DME AT OR ABOVE MEA FOR ROUTE OF FLIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 35, TREE 104 FT FROM DER, 222 FT LEFT OF CENTERLINE, 13 FT AGL/4046 FT MSL. POWER LINE 230 FT FROM DER, 498 FT LEFT OF CENTERLINE, 30 FT AGL/4060 FT MSL. POWER LINE, FENCE, BUILDINGS, VEHICLES BEGINNING 466 FT FROM DER, 394 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/4104 FT MSL. POWER LINE 814 FT FROM DER, 562 FT RIGHT OF CENTERLINE, 30 FT AGL/4107 FT MSL. RISING TERRAIN BEGINNING 4198 FT FROM DER, 1373 FT RIGHT OF CENTERLINE, UP TO 4187 FT MSL. RISING TERRAIN BEGINNING 4859 FT FROM DER, 1717 FT RIGHT OF CENTERLINE, UP TO 4220 FT MSL. RISING TERRAIN BEGINNING 5189 FT FROM DER, 1889 FT RIGHT OF CENTERLINE, UP TO 4262 FT MSL.

CONTROLLING OBSTACLES:

RWY 35: 9346 FT MSL AAO 450842.87N/1140029.37W; 8440 FT MSL AAO 450307.23N/1135112.42W (VCOA)

OBSTACLE MANDATING ROUTE DEVELOPMENT: 10821 FT MSL AAO 451840.11N/1134038.52W

QUALITY 4 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
SALMON, ID	LEMHI COUNTY	3/31/2016	3

REMARKS:

500 FT/NM TO 10700 TAKEOFF MINIMUMS WERE USED IN CONJUNCTION WITH THE 9000 FT CLIMB TO ALTITUDE IN ORDER TO LIMIT THE ICA TO 10NM OR LESS (CRITERIA) AND CLEAR THE 9346 FT MSL AAO AT 450842.87N/1140029.37W.

FLIGHT INSPECTED BY:

EDWARD W MESA — *Digitally signed by* ***ALLAN WILL*** Jan 02, 2016 — FICO — 12/30/2015

REQUIRED EFFECTIVE DATE:

03/31/2016

DEVELOPED BY:

SCOTT STEVENSON — AJV-5432 — *Digitally signed by* ***SCOTT STEVENSON*** Nov 03, 2015 — 10/21/2015

APPROVED BY:

LONNIE EVERHART — *Digitally signed by* ***ALLAN WILL*** Dec 09, 2015 — AJV-5430 — MANAGER

COORDINATED WITH:

ATA, ALPA, AOPA, NBAA, ZLC, STATE AERO DIV, APT MGR, WFPT

CHANGES:

1. DELETED RWY 35 VISIBILITY OF 4300-5.
2. CHANGED RWY 35 TAKEOFF MINIMUMS FROM STANDARD WITH A MINIMUM CLIMB OF 390 FT PER NM TO 8000 TO STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 10700.
3. ADDED VCOA WITH ROUTING TO LKT VOR/DME.
4. CHANGED THE RWY 35 TEXTUAL DEPARTURE FROM “CLIMB RUNWAY HEADING TO 8000, THEN CLIMBING LEFT TURN TO 11300 DIRECT LKT VOR/DME BEFORE PROCEEDING ON COURSE” TO “CLIMB ON HEADING 354.80 TO 9000, THEN CLIMBING LEFT TURN TO 12000 DIRECT LKT VOR/DME BEFORE PROCEEDING ON COURSE”.
5. ADDED LOW CLOSE-IN OBSTACLES.
6. UPDATED CONTROLLING OBSTACLES.

REASONS:

1. VISIBILITY IS LIMITED TO 3 SM PER MEMO DATED 11/19/2003.
2. PREVIOUS CLIMB GRADIENT DID NOT CLEAR 9346 AAO.
3. REQUIRED BY 8260.3B, VOLUME 4; ROUTING REQUIRED DUE TO OBSTACLES REQUIRING A CLIMB GRADIENT IN THE DIVERSE AREA.
4. WITH THE 390 FT PER NM TO 8000 THE ICA WAS OVER 10 NM WHICH EXCEEDS CRITERIA; THE COMBINATION OF CG/CTA AND RUNWAY HEADING TO 8000 DID NOT CLEAR 9346 FT MSL AAO AT 450842.87N/1140029.37W; LOWEST MEA FROM LKT VOR/DME IS 12000.
5. PREVIOUS REVISION DID NOT LIST ANY LOW CLOSE-IN OBSTACLES AS SHOWN ON THE AHEHU SID.
6. NEW CONTROLLING OBSTACLES BASED ON NEW MINIMUMS AND DEPARTURE PROCEDURE.

01/20/16: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/09/15.
1. CHANGED EFFECTIVE DATE FROM 2/4/16 TO 3/31/16.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CHICAGO/ROMEOVILLE, IL	**ELEVATION: 679 TDZE: 673** AIRPORT NAME: **LEWIS UNIVERSITY**	**JOT**	**VOR RWY 9, AMDT 3, 08/30/2007**	SUP AMDT **2** DATE **06/17/1999**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CHICAGO/WEST CHICAGO, IL	**ELEVATION: 759** **TDZE: 754** AIRPORT NAME: **DUPAGE**	**JOT**	**VOR RWY 2L, AMDT 1B, 06/25/2015**	SUP AMDT **1A** DATE **05/30/2013**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
DANVILLE, IL	**ELEVATION: 697 TDZE: 697** AIRPORT NAME: **VERMILION REGIONAL**	**DNV**	**VOR RWY 21, AMDT 14A, 07/25/2013**	SUP AMDT **14** DATE **08/30/2007**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GALESBURG, IL	**ELEVATION: 764 TDZE: 764** AIRPORT NAME: **GALESBURG MUNI**	**GBG**	**VOR RWY 3, AMDT 7A, 04/02/2015**	SUP AMDT **7** DATE **07/26/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LAWRENCEVILLE, IL	**ELEVATION: 430 TDZE: 430** AIRPORT NAME: **LAWRENCEVILLE-VINCENNES INTL**	**LWV**	**VOR RWY 18, AMDT 1A, 10/17/2013**	SUP AMDT **1** DATE **02/24/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AXC VORTAC	MTO VOR/DME	117.28 / 30.69	2400
MTO VOR/DME	ZEBRE LOM/MTO VOR/DME 5.65 DME	109.14 / 5.65	2400
ARCOL INT	ZEBRE LOM/MTO VOR/DME 5.65 DME	160.97 / 13.53	2400
MOBBY INT	ZEBRE LOM/MTO VOR/DME 5.65 DME	042.30 / 13.85	2400
DELCO INT (IF/IAF)	ZEBRE LOM/MTO VOR/DME 5.65 DME (NOPT)	295.92 / 13.26 (I-MTO)	2400

MISSED APPROACH

ILS: DA
LOC: 4.81 MILES AFTER ZEBRE LOM/MTO 5.65 DME
OR AT MTO VOR/DME 0.85 DME FIX

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 ON MTO R-358 TO ARCOL INT AND HOLD, OR AS DIRECTED BY ATC

ALTERNATE MA: (DO NOT CHART) 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 IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE ZEBRE LOM/MTO VOR/DME 5.65 DME, LT, 296.45 INBOUND.
FAS OBST: 903 AAO 392636N/0881200W
CHART CIRCLING ICON

1. PT R SIDE OF COURSE 115.92 OUTBOUND 2400 FT WITHIN 10 MILES OF ZEBRE LOM (IAF)
2.
3. FAC: 295.92 FAF: ZEBRE LOM/MTO VOR/DME 5.65 DME DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: ZEBRE LOM/MTO VOR/DME 5.65 DME 2400
5. DIST TO THLD FROM OM: 4.81 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 959
6. MIN GS INCPT: 2400 GS ALT AT: - OM: 2318 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.6
8. MSA FROM: MT LOM 2500

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 29	918	1/2	200	918	1/2	200	918	1/2	200	918	1/2	200			
S-LOC 29	1160	1/2	442	1160	1/2	442	1160	7/8	442	1160	7/8	442			
CIRCLING	1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			

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 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING INCREASE S-ILS 29 (SEE FORM 8260-10)

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 718 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	COLES COUNTY MEMORIAL	I-MTO	ILS OR LOC RWY 29, AMDT 6C 31 MARCH 2016	AMDT: 6B
				DATED 09/23/2010

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NOTES, (CONT.):
VISIBILITY TO 3/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DELCO ON V14 EASTBOUND.
CHART NOTE: ADF OR DME REQUIRED.

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MATTOON/CHARLESTON, IL	**ELEVATION: 722** **TDZE: 718** AIRPORT NAME: **COLES COUNTY MEMORIAL**	**I-MTO**	**ILS OR LOC RWY 29, AMDT 6C** 31 MARCH 2016	SUP: AMDT: **6B** DATED: **09/23/2010**

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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARCOL	ARCOL	010		IF		FB					
	ARCOL	ZEBRE	020		TF		FB				AA 02400	
	ARCOL	ZEBRE	030	IAF	PI	L	FB		160.9()	010.0	AA 02400	
	AXC	AXC	010		IF		FB					
	AXC	MTO	020		TF		FB				AA 02400	
	AXC	ZEBRE	030		TF		FB				AA 02400	
	AXC	ZEBRE	040	IAF	PI	L	FB		160.9()	010.0	AA 02400	
	MOBBY	MOBBY	010		IF		FB					
	MOBBY	ZEBRE	020		TF		FB				AA 02400	
	MOBBY	ZEBRE	030	IAF	PI	L	FB		160.9()	010.0	AA 02400	
		DELCO	010	FACF	IF		FB				AA 02400 GI 02400	
		ZEBRE	020	FAF	CF		FB		296.0()	013.3	GI 02400 GS 02318	
		RW29	030	MAP	CF		FO		296.0()	004.8	AT 00765	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		295.9()		AA 01200	
	ARCOL	050		CF		FO		357.8()	011.0	AA 02500	
	ARCOL	060		HM	R	FO		357.8()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXC	N394415.08	W0885123.15	N3944.251	W08851.386
	MTO	N392840.81	W0881709.85	N3928.680	W08817.164
	ARCOL	N393905.83	W0881658.71	N3939.097	W08816.979
	DELCO	N392122.57	W0875439.56	N3921.376	W08754.659
	MOBBY	N391548.44	W0882142.26	N3915.807	W08821.704
	ZEBRE	N392634.83	W0881023.32	N3926.581	W08810.389
	RW29	N392827.53	W0881606.51	N3928.459	W08816.109
	IMTO (LOC)	N392856.39	W0881734.60	N3928.940	W08817.577
	MT	N392632.96	W0881024.47	N3926.549	W08810.408

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00714	51

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**I-MTO**	**ILS OR LOC RWY 29, AMDT 6C** 31 MARCH 2016	AMDT: **6B**
				DATED: **09/23/2010**

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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ARCOL	ARCOL	010		IF		FB					
	ARCOL	ZEBRE	020		TF		FB				AA 02400	
	ARCOL	ZEBRE	030	IAF	PI	L	FB		160.9()	010.0	AA 02400	
	AXC	AXC	010		IF		FB					
	AXC	MTO	020		TF		FB				AA 02400	
	AXC	ZEBRE	030		TF		FB				AA 02400	
	AXC	ZEBRE	040	IAF	PI	L	FB		160.9()	010.0	AA 02400	
	MOBBY	MOBBY	010		IF		FB					
	MOBBY	ZEBRE	020		TF		FB				AA 02400	
	MOBBY	ZEBRE	030	IAF	PI	L	FB		160.9()	010.0	AA 02400	
		DELCO	010	FACF	IF		FB				AA 02400	
		ZEBRE	020	FAF	CF		FB		296.0()	013.3	AA 02400	
		RW29	030	MAP	CF		FO		296.0()	004.8	AT 00765	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		295.9()		AA 01200	
	ARCOL	050		CF		FO		357.8()	011.0	AA 02500	
	ARCOL	060		HM	R	FO		357.8()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXC	N394415.08	W0885123.15	N3944.251	W08851.386
	MTO	N392840.81	W0881709.85	N3928.680	W08817.164
	ARCOL	N393905.83	W0881658.71	N3939.097	W08816.979
	DELCO	N392122.57	W0875439.56	N3921.376	W08754.659
	MOBBY	N391548.44	W0882142.26	N3915.807	W08821.704
	ZEBRE	N392634.83	W0881023.32	N3926.581	W08810.389
	RW29	N392827.53	W0881606.51	N3928.459	W08816.109
	IMTO (LOC)	N392856.39	W0881734.60	N3928.940	W08817.577
	MT	N392632.96	W0881024.47	N3926.549	W08810.408

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00714	51

QUALITY 12 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**I-MTO**	**ILS OR LOC RWY 29, AMDT 6C** 31 MARCH 2016	AMDT: **6B**
				DATED: **09/23/2010**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AXC VORTAC	MTO VOR/DME	117.28 / 30.69	2400
ARCOL INT	ZEBRE LOM	160.97 / 13.53	2400
MTO VOR/DME	ZEBRE LOM	109.10 / 5.65	2400
MOBBY INT	ZEBRE LOM	042.29 / 13.85	2400
DELCO INT (IF/IAF)	ZEBRE LOM (NOPT)	296.18 / 13.26	2400

MISSED APPROACH

MAP: 4.81 MILES AFTER ZEBRE LOM

CLIMBING LEFT TURN TO 2400 DIRECT ZEBRE LOM AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 296.45 INBOUND.
CHART FAS OBST: 903 AAO 392636N/0881200W
MT LOM TO RW29: 3.21/45.
CHART CIRCLING ICON.

1. PT R SIDE OF COURSE 116.45 OUTBOUND 2400 FT WITHIN 10 MILES OF ZEBRE LOM (IAF)
2.
3. FAC 296.45 FAF ZEBRE LOM DIST FAF TO MAP 4.81 THLD 4.81
4. MIN. ALT ZEBRE LOM 2400
8. MSA FROM: MT LOM 2500

MAG VAR: 3W EPOCH YEAR:2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-29	1220	3/4	502	1220	3/4	502	1220	3/4	502	1220	3/4	502			
CIRCLING	1220	1	498	1220	1	498	1240	1 1/2	518	1380	2	658			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-29 AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-29 CAT D VISIBILITY 1/2 MILE. FOR INOPERATIVE MALSR WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING INCREASE S-29 CAT D VISIBILITY 1/2 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 718	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MATTOON/CHARLESTON, IL	AIRPORT NAME: COLES COUNTY MEMORIAL	MT	NDB RWY 29, AMDT 5B 31 MARCH 2016	AMDT 5A
				DATE 09/23/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOMAX (IF/IAF)	ZAGUK (FB)	063.06 / 5.99	2300
ZAGUK (FAF)	WAXEK/1.80 NM TO RW06 (FB)	063.13 / 3.04	
WAXEK/1.80 NM TO RW06	RW06 (MAP) (FO)	063.13 / 1.80	
RW06 (MAP)	972 MSL	063.13	
972 MSL	NIBIE (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 3000 DIRECT NIBIE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW HOMAX, RT, 063.06 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 063.13 FAF: ZAGUK DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: HOMAX 3000, ZAGUK 2300, WAXEK/1.80 NM TO RW06 1320 *
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: ZAGUK 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 243.34 INBOUND.
CHART FAS OBST: 847 TREE 392700N/0881900W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.07 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 56537
REFERENCE PATH ID: W06A
CHART CIRCLING ICON
LTP HAE: 187 M

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	972	7/8	250	972	7/8	250	972	7/8	250	972	7/8	250			
LNAV/VNAV DA	1124	1 3/8	402	1124	1 3/8	402	1124	1 3/8	402	1124	1 3/8	402			
LNAV MDA	1100	1	378	1100	1	378	1100	1 1/8	378	1100	1 1/8	378			
CIRCLING	1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, INCREASE ALL MDA 100 FEET, INCREASE LPV, LNAV/VNAV ALL CATS, LNAV CATS C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 722 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	COLES COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 6, ORIG 31 MARCH 2016	AMDT: NONE
				DATED

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NOTES, (CONT.):
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).

TAA

	FROM	TO	ALT
1.	333/30 CW 153/30 (NOPT)	HOMAX (IF/IAF) (FB)	3000
2.	153/30 CW 333/30	HOMAX (IF/IAF) (FO)	3000

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	**ELEVATION: 722** **TDZE: 722** AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 31 MARCH 2016	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 aiport 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	KMTO
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	392826.9085N
LTP/FTP LONGITUDE	0881717.9835W
LTP/FTP ELLIPSOIDAL HEIGHT	+01870
FPAP LATITUDE	392911.2285N
FPAP LONGITUDE	0881538.1270W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	A9EC4B3A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02191
FPAP ORTHOMETRIC HEIGHT	+02191

QUALITY 16 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HOMAX K50    W     N39230316W088292477                     W0027     NAR           HOMAX
        SUSAEAENRT   NIBIE K50    W     N39342144W088035642                     W0031     NAR           NIBIE
        SUSAEAENRT   WAXEK K50    W     N39273316W088191898                     W0029     NAR           WAXEK
        SUSAEAENRT   ZAGUK K50    W     N39260240W088224296                     W0028     NAR           ZAGUK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5AMTO     0     065YHN39284040W088164790W003000722         1800018000C    MNAR    COLES COUNTY MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5FR06   AHOMAX 010HOMAXK5EA0EE AR   HF                    06310040    + 03000     18000                A JS
        SUSAP KMTOK5FR06   R      010HOMAXK5EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KMTOK5FR06   R      020ZAGUKK5EA1E  F 051TF                    06310060    + 02300                          A JS
        SUSAP KMTOK5FR06   R      020ZAGUKK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMTOK5FR06   R      021WAXEKK5EA0E S  031TF                    06310030    V 0132001333        -300         A JS
        SUSAP KMTOK5FR06   R      030RW06 K5PG0GY M 031TF                    06310018      00760             -300         A JS
        SUSAP KMTOK5FR06   R      040         0  M     CA                    0631        + 00972                          A JS
        SUSAP KMTOK5FR06   R      050NIBIEK5EA0EY      DF                              + 03000                          A JS
        SUSAP KMTOK5FR06   R      060NIBIEK5EA0EE  R   HM                    24330040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5GRW06    0057990632 N39282691W088171798-0100    +0187000719000041100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5PR06   RW06 001 0000W06A0N3928269085W08817179835+018700300N3929112285W088153812701067509840004l0F400500A9EC4B3A
        SUSAP KMTOK5PR06   RW06 002E      +02191+02191LPV       56537
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QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 722**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 31 MARCH 2016	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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HOMAX	HOMAX	010	IAF	HF	R	FO		063.1(060.1T)	004.0	AA 03000	
		HOMAX	010	FACF	IF		FB				AA 03000	
		ZAGUK	020	FAF	TF		FB	0.5	063.1(060.1T)	006.0	AA 02300	
		WAXEK	021	SDF	TF		FB	0.3	063.1(060.1T)	003.0	AA 01320	GS 01333
		RW06	030	MAP	TF		FO	0.3	063.1(060.1T)	001.8	AT 00760	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		063.1(060.1T)		AA 00972	
	NIBIE	050		DF		FO				AA 03000	
	NIBIE	060		HM	R	FO		243.3(240.3T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HOMAX	N392303.16	W0882924.77	N3923.053	W08829.413
	NIBIE	N393421.44	W0880356.42	N3934.357	W08803.940
	WAXEK	N392733.16	W0881918.98	N3927.553	W08819.316
	ZAGUK	N392602.40	W0882242.96	N3926.040	W08822.716
	RW06	N392826.91	W0881717.98	N3928.449	W08817.300

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00719	41

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722**	**TDZE: 722**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**		**RNAV**	**RNAV (GPS) RWY 6, ORIG** 31 MARCH 2016	AMDT: **NONE**
					DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WUBTA (IF/IAF)	YAYSU (FB)	115.77 / 6.00	2400
YAYSU (FAF)	ZOSIB/2.90 NM TO RW11 (FB)	115.85 / 2.25	
ZOSIB/2.90 NM TO RW11	RW11 (MAP) (FO)	115.85 / 2.90	
RW11 (MAP)	1200 MSL	115.85	1200
1200 MSL	NIBIE (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 DIRECT NIBIE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW WUBTA, RT, 115.77 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 115.85 FAF: YAYSU DIST FAF TO MAP: 5.15 THLD: 5.15
4. MIN. ALT: WUBTA 3000, YAYSU 2400, ZOSIB/2.90 NM TO RW11 1680*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: YAYSU 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 243.34 INBOUND.
FAS OBST: 859 TREE 392851N/0881900W
CHART 920 TOWER 392923N/0882058W
DISTANCE TO THLD FROM 200 HAT: 0.48 NM.
CHART VDP AT 1.13 MILES TO RW11*
*LNAV ONLY.
WAAS CHANNEL # 86537
REFERENCE PATH ID: W11A
CHART CIRCLING ICON
LTP HAE: 185.6 M

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	918	3/4	200	918	3/4	200	918	3/4	200	918	3/4	200			
LNAV/VNAV DA	1175	1 1/2	457	1175	1 1/2	457	1175	1 1/2	457	1175	1 1/2	457			
LNAV MDA	1120	1	402	1120	1	402	1120	1 1/8	402	1120	1 1/8	402			
CIRCLING	1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, INCREASE ALL MDA 100 FEET, AND INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 718 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	COLES COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 11, ORIG 31 MARCH 2016	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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
1/4 MILE, AND CIRCLING D VISIBILITY 1/2 MILE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	026/30 CW 206/30 (NOPT)	026/15 CW 206/15	3100
2.	026/15 CW 206/15	WUBTA (IF/IAF) (FB)	3000
3.	206/30 CW 026/30	WUBTA (IF/IAF) (FO)	3000

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MATTOON/CHARLESTON, IL	**ELEVATION: 722** **TDZE: 718** AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 11, ORIG** 31 MARCH 2016	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 aiport 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	KMTO
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	392852.5470N
LTP/FTP LONGITUDE	0881722.8760W
LTP/FTP ELLIPSOIDAL HEIGHT	+01856
FPAP LATITUDE	392817.8180N
FPAP LONGITUDE	0881536.8925W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	94CAF183

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02177
FPAP ORTHOMETRIC HEIGHT	+02177

QUALITY 16 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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   NIBIE K50    W     N39342144W088035642                    W0031     NAR           NIBIE
        SUSAEAENRT   WUBTA K50    W     N39331248W088303971                    W0027     NAR           WUBTA
        SUSAEAENRT   YAYSU K50    W     N39305282W088233078                    W0028     NAR           YAYSU
        SUSAEAENRT   ZOSIB K50    W     N39300029W088204993                    W0028     NAR           ZOSIB

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5AMTO     0     065YHN39284040W088164790W003000722         1800018000C    MNAR    COLES COUNTY MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5FR11   AWUBTA 010WUBTAK5EA0EE AR   HF                    11580040    + 03000     18000                A JS
        SUSAP KMTOK5FR11   R      010WUBTAK5EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KMTOK5FR11   R      020YAYSUK5EA1E  F 051TF                    11580060    + 02400                          A JS
        SUSAP KMTOK5FR11   R      020YAYSUK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMTOK5FR11   R      021ZOSIBK5EA0E S  031TF                    11590023    V 0168001683        -300         A JS
        SUSAP KMTOK5FR11   R      030RW11 K5PG0GY M 031TF                    11590029      00759             -300         A JS
        SUSAP KMTOK5FR11   R      040         0  M     CA                    1159        + 01200                          A JS
        SUSAP KMTOK5FR11   R      050NIBIEK5EA0EY  L   DF                              + 03000                          A JS
        SUSAP KMTOK5FR11   R      060NIBIEK5EA0EE  R   HM                    24330040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5GRW11    0065011159 N39285255W088172288+0000    +0185600714000045150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5PR11   RW11 001 0000W11A0N3928525470W08817228760+018560300N3928178180W088153689251067507680000450F40035094CAF183
        SUSAP KMTOK5PR11   RW11 002E      +02177+02177LPV       86537
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QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 11, ORIG** 31 MARCH 2016	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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	WUBTA	WUBTA	010	IAF	HF	R	FO		115.8(112.8T)	004.0	AA 03000	
		WUBTA	010	FACF	IF		FB				AA 03000	
		YAYSU	020	FAF	TF		FB	0.5	115.8(112.8T)	006.0	AA 02400	
		ZOSIB	021	SDF	TF		FB	0.3	115.9(112.9T)	002.3	AA 01680 GS 01683	
		RW11	030	MAP	TF		FO	0.3	115.9(112.9T)	002.9	AT 00759	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		115.9(112.9T)		AA 01200	
	NIBIE	050		DF	L	FO				AA 03000	
	NIBIE	060		HM	R	FO		243.3(240.3T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NIBIE	N393421.44	W0880356.42	N3934.357	W08803.940
	WUBTA	N393312.48	W0883039.71	N3933.208	W08830.662
	YAYSU	N393052.82	W0882330.78	N3930.880	W08823.513
	ZOSIB	N393000.29	W0882049.93	N3930.005	W08820.832
	RW11	N392852.55	W0881722.88	N3928.876	W08817.381

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW11	00714	45

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722**	**TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**		**RNAV**	**RNAV (GPS) RWY 11, ORIG** 31 MARCH 2016	AMDT: **NONE**
					DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NIBIE (IF/IAF)	RIFJO (FB)	243.34 / 6.11	2300
RIFJO (FAF)	RW24 (MAP) (FO)	243.27 / 4.84	
RW24 (MAP)	1200 MSL	243.27	1200
1200 MSL	WUBTA (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WUBTA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE NIBIE, RT, 243.34 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 243.27 FAF: RIFJO DIST FAF TO MAP: 4.84 THLD: 4.84
4. MIN. ALT: NIBIE 3000, RIFJO 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: RIFJO 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.6 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 115.77 INBOUND.
FAS OBST: 863 AAO 393042N/0881157W
876 AAO 393051N/0881000W
DISTANCE TO THLD FROM 250 HAT: 0.64 NM.
CHART VDP AT 1.13 MILES TO RW24*
*LNAV ONLY.
WAAS CHANNEL # 82537
REFERENCE PATH ID: W24A
CHART CIRCLING ICON
LTP HAE: 184.9 M

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	969	7/8	250	969	7/8	250	969	7/8	250	969	7/8	250			
LNAV/VNAV DA	1017	1	298	1017	1	298	1017	1	298	1017	1	298			
LNAV MDA	1120	1	408	1120	1	408	1120	1 1/8	408	1120	1 1/8	408			
CIRCLING	1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, INCREASE ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, LNAV/VNAV ALL CATS, LNAV CATS C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 719 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	COLES COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 24, AMDT 1 31 MARCH 2016	AMDT: ORIG DATED 12/17/2009

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).

TAA

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

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	**ELEVATION: 722 TDZE: 719** AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1** 31 MARCH 2016	AMDT: **ORIG** DATED: **12/17/2009**

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 aiport 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	KMTO
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	392855.3875N
LTP/FTP LONGITUDE	0881613.8095W
LTP/FTP ELLIPSOIDAL HEIGHT	+01849
FPAP LATITUDE	392811.0710N
FPAP LONGITUDE	0881753.6625W
THRESHOLD CROSSING HEIGHT (TCH)	00045.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BADC458E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02170
FPAP ORTHOMETRIC HEIGHT	+02170

QUALITY 16 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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   NIBIE K50    W     N39342144W088035642                    W0031     NAR           NIBIE
        SUSAEAENRT   RIFJO K50    W     N39311975W088104792                    W0030     NAR           RIFJO
        SUSAEAENRT   WUBTA K50    W     N39331248W088303971                    W0027     NAR           WUBTA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5AMTO     0     065YHN39284040W088164790W003000722         1800018000C    MNAR    COLES COUNTY MEMORIAL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5FR24   ANIBIE 010NIBIEK5EA0EE AR   HF                    24330040    + 03000     18000                A JS
        SUSAP KMTOK5FR24   R      010NIBIEK5EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KMTOK5FR24   R      020RIFJOK5EA1E  F 051TF                    24330061    + 02300                          A JS
        SUSAP KMTOK5FR24   R      020RIFJOK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMTOK5FR24   R      030RW24 K5PG0GY M 031TF                    24330048      00758            -300          A JS
        SUSAP KMTOK5FR24   R      040         0  M     CA                    2433        + 01200                          A JS
        SUSAP KMTOK5FR24   R      050WUBTAK5EA0EY  R   DF                              + 03000                          A JS
        SUSAP KMTOK5FR24   R      060WUBTAK5EA0EE  R   HM                    11580040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5GRW24    0057992432 N39285539W088161381+0100    +0184900712000046100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5PR24   RW24 001 0000W24A0N3928553875W08816138095+018490300N3928110710W088175366251067509840004 56F400500BADC458E
        SUSAP KMTOK5PR24   RW24 002E      +02170+02170LPV       82537
```

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 719**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1** 31 MARCH 2016	AMDT: **ORIG**
				DATED: **12/17/2009**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NIBIE	NIBIE	010	IAF	HF	R	FO		243.3(240.3T)	004.0	AA 03000	
		NIBIE	010	FACF	IF		FB				AA 03000	
		RIFJO	020	FAF	TF		FB	0.5	243.3(240.3T)	006.1	AA 02300	
		RW24	030	MAP	TF		FO	0.3	243.3(240.3T)	004.8	AT 00758	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		243.3(240.3T)		AA 01200	
	WUBTA	050		DF	R	FO				AA 03000	
	WUBTA	060		HM	R	FO		115.8(112.8T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NIBIE	N393421.44	W0880356.42	N3934.357	W08803.940
	RIFJO	N393119.75	W0881047.92	N3931.329	W08810.799
	WUBTA	N393312.48	W0883039.71	N3933.208	W08830.662
	RW24	N392855.39	W0881613.81	N3928.923	W08816.230

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00712	46

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE	
MATTOON/CHARLESTON, IL	ELEVATION: **722** **TDZE: 719** AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 24, AMDT 1** 31 MARCH 2016	SUP: AMDT: **ORIG** DATED: **12/17/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OSEKE (IF/IAF)	IDOCE (FB)	296.10 / 8.00	2400
IDOCE (FAF)	YITCU/1.50 NM TO RW29 (FB)	295.99 / 3.63	
YITCU/1.50 NM TO RW29	RW29 (MAP) (FO)	295.99 / 1.50	
RW29 (MAP)	2000 MSL	295.99	2000
2000 MSL	ZARIR (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 DIRECT ZARIR AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE OSEKE, RT, 296.10 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 295.99 FAF: IDOCE DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: IDOCE 2400, YITCU/1.50 NM TO RW29 1240 *
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: IDOCE 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.8 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 098.08 INBOUND.
DISTANCE TO THLD FROM 200 HAT: 0.48 NM.
CHART VDP AT 0.99 MILES TO RW29*
*LNAV ONLY.
WAAS CHANNEL # 93510
REFERENCE PATH ID: W29A
CHART CIRCLING ICON
LTP HAE: 185.6 M

MAG VAR: 3W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	918	1/2	200	918	1/2	200	918	1/2	200	918	1/2	200			
LNAV/VNAV DA	1014	1/2	296	1014	1/2	296	1014	1/2	296	1014	1/2	296			
LNAV MDA	1080	1/2	362	1080	1/2	362	1080	5/8	362	1080	5/8	362			
CIRCLING	1160	1	438	1180	1	458	1240	1 1/2	518	1380	2	658			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHAMPAIGN/URBANA ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: 722 TDZE: 718	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: COLES COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 29, AMDT 1 31 MARCH 2016	AMDT: ORIG
				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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
INCREASE ALL DA 82 FEET, INCREASE ALL MDA 100 FEET, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV CAT C/D VISIBILITY 3/8 MILE AND CIRCLING VISIBILITY CAT C 1/4, CAT D 1/2.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 3/8 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHAMPAIGN/URBANA ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	206/30 CW 026/30 (NOPT)	OSEKE (IF/IAF) (FB)	3000
2.	026/30 CW 206/30	OSEKE (IF/IAF) (FO)	3000

QUALITY 16 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MATTOON/CHARLESTON, IL	ELEVATION: 722 TDZE: 718 AIRPORT NAME: COLES COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 29, AMDT 1 31 MARCH 2016	SUP: AMDT: ORIG 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 aiport 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	KMTO
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	392827.5300N
LTP/FTP LONGITUDE	0881606.5130W
LTP/FTP ELLIPSOIDAL HEIGHT	+01856
FPAP LATITUDE	392902.2580N
FPAP LONGITUDE	0881752.5015W
THRESHOLD CROSSING HEIGHT (TCH)	00050.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	41B24AD5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02177
FPAP ORTHOMETRIC HEIGHT	+02177

QUALITY 16 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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   IDOCE K50    W     N39262724W088100027                    W0030     NAR           IDOCE
        SUSAEAENRT   OSEKE K50    W     N39231919W088003040                    W0031     NAR           OSEKE
        SUSAEAENRT   YITCU K50    W     N39275242W088141948                    W0029     NAR           YITCU
        SUSAEAENRT   ZARIR K50    C   L N39401443W088243027                    W0028     NAR           ZARIR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5AMTO     0     065YHN39284040W088164790W003000722         1800018000C    MNAR    COLES COUNTY MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5FR29   AOSEKE 010OSEKEK5EA0EE AR   HF                    29610040    + 03000     18000                A JS
        SUSAP KMTOK5FR29   R      010OSEKEK5EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KMTOK5FR29   R      020IDOCEK5EA1E  F 051TF                    29610080    + 02400                          A JS
        SUSAP KMTOK5FR29   R      020IDOCEK5EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KMTOK5FR29   R      021YITCUK5EA0E S  031TF                    29600036    V 0124001243        -300         A JS
        SUSAP KMTOK5FR29   R      030RW29 K5PG0GY M 031TF                    29600015      00765             -300         A JS
        SUSAP KMTOK5FR29   R      040         0  M     CA                    2960        + 02000                          A JS
        SUSAP KMTOK5FR29   R      050ZARIRK5EA0EY  R   DF                              + 03000                          A JS
        SUSAP KMTOK5FR29   R      060ZARIRK5EA0EE  R   HM                    09810040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5GRW29    0065012959 N39282753W088160651+0000    +0185600714000051150IIMTO1

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMTOK5PR29   RW29 001 0000W29A0N3928275300W08816065130+018560300N3929022580W088175250151067507680000508F40035041B24AD5
        SUSAP KMTOK5PR29   RW29 002E      +02177+02177LPV       93510
```

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722** **TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 29, AMDT 1** 31 MARCH 2016	AMDT: **ORIG**
				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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	OSEKE	OSEKE	010	IAF	HF	R	FO		296.1(293.1T)	004.0	AA 03000	
		OSEKE	010	FACF	IF		FB				AA 03000	
		IDOCE	020	FAF	TF		FB	0.5	296.1(293.1T)	008.0	AA 02400	
		YITCU	021	SDF	TF		FB	0.3	296.0(293.0T)	003.6	AA 01240 GS 01243	
		RW29	030	MAP	TF		FO	0.3	296.0(293.0T)	001.5	AT 00765	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		296.0(293.0T)		AA 02000	
	ZARIR	050		DF	R	FO				AA 03000	
	ZARIR	060		HM	R	FO		098.1(095.1T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	IDOCE	N392627.24	W0881000.27	N3926.454	W08810.005
	OSEKE	N392319.19	W0880030.40	N3923.320	W08800.507
	YITCU	N392752.42	W0881419.48	N3927.874	W08814.325
	ZARIR	N394014.43	W0882430.27	N3940.241	W08824.505
	RW29	N392827.53	W0881606.51	N3928.459	W08816.109

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	00714	51

QUALITY 16 CHECKED

CITY AND STATE	ELEVATION: **722**	**TDZE: 718**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MATTOON/CHARLESTON, IL	AIRPORT NAME: **COLES COUNTY MEMORIAL**		**RNAV**	**RNAV (GPS) RWY 29, AMDT 1** 31 MARCH 2016	AMDT: **ORIG**
					DATED: **11/20/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
QUINCY, IL	**ELEVATION: 769 TDZE: 760** AIRPORT NAME: **QUINCY RGNL-BALDWIN FIELD**	**UIN**	**VOR RWY 4, AMDT 12, 01/15/2009**	SUP **VOR OR GPS RWY 4** AMDT **11A** DATE **03/15/2007**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
AUBURN, IN	**ELEVATION: 880 TDZE: 880** AIRPORT NAME: **DE KALB COUNTY**	**OLK**	**VOR RWY 9, AMDT 7D, 11/12/2015**	SUP AMDT **7C** DATE **04/05/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GOSHEN, IN	**ELEVATION: 827 TDZE: 827** AIRPORT NAME: **GOSHEN MUNI**	**GSH**	**VOR RWY 27, AMDT 7A, 06/03/2010**	SUP AMDT **7** DATE **06/05/2008**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MUNCIE, IN	**ELEVATION: 937 TDZE: 937** AIRPORT NAME: **DELAWARE COUNTY RGNL**	**MIE**	**VOR RWY 32, AMDT 15, 05/06/2010**	SUP AMDT **15** DATE **09/28/2006**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RICHMOND, IN	**ELEVATION: 1140 TDZE: 1139** AIRPORT NAME: **RICHMOND MUNI**	**RID**	**VOR RWY 24, AMDT 13, 07/02/2009**	SUP **VOR OR GPS RWY 24** AMDT **12A** DATE **12/25/2003**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
RICHMOND, IN	**ELEVATION: 1140 TDZE: 1140** AIRPORT NAME: **RICHMOND MUNI**	**RID**	**VOR RWY 33, AMDT 2, 07/02/2009**	SUP **VOR OR GPS RWY 33** AMDT **1A** DATE **12/25/2003**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LIBERAL, KS	**ELEVATION: 2885 TDZE: 2875** AIRPORT NAME: **LIBERAL MID-AMERICA RGNL**	**LBL**	**VOR RWY 35, AMDT 12, 08/30/2007**	SUP **VOR OR GPS RWY 35** AMDT **11** DATE **10/08/1998**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YRK VORTAC (IF/IAF)	**GINUP/YRK 6.10 DME**	**121.00 / 6.10**	**2600**

MISSED APPROACH

MAP: YRK VORTAC 12.08 DME FIX

CLIMBING LEFT TURN TO 3300 DIRECT YRK VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

FAS OBST: 1100 AAO 383450N/0825107W.
CHART: 1183 TOWER 383544N/0825122W.
CHART VDP AT 10.29 DME
DISTANCE VDP TO THLD 1.79 MILES.
CHART CIRCLING ICON.
GINUP TO RW10: 3.15/53

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NW YRK VORTAC, RT, 121.00 INBOUND, 3300 FT. IN LIEU OF PT (IAF)**
3. FAC **121.00** FAF **GINUP/YRK 6.10 DME** DIST FAF TO MAP ____ THLD **5.98**
4. MIN. ALT **YRK VORTAC 3300, GINUP 2600**
8. MSA FROM: **YRK VORTAC 3300**

MAG VAR: **5W** EPOCH YEAR: **1990**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	**1360**	**1**	**814**	**1360**	**1 1/4**	**814**	**1360**	**2 1/2**	**814**	**1360**	**2 1/2**	**814**			
CIRCLING	**1360**	**1 1/4**	**814**	**1380**	**1 1/4**	**834**	**1400**	**2 1/2**	**854**	**1420**	**2 3/4**	**874**			

NOTES:

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON YORK VORTAC AIRWAY RADIALS 246 CW 035.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI {ANGLE} TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HUNTINGTON ALTIMETER SETTING AND
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ CAT A 900-2, CAT B 900-2, CAT C 900-2 1/2, CAT D 900-2 3/4

QUALITY 7 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ASHLAND, KY	**ELEVATION: 546 TDZE: 546** AIRPORT NAME: **ASHLAND RGNL**	**YRK**	**VOR/DME RWY 10, AMDT 12** 31 MARCH 2016	SUP **VOR RWY 10** AMDT **11B** DATE **06/25/2015**

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

NOTES, (CONT.):

INCREASE ALL MDA 80 FEET AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING HUNTINGTON ALTIMETER SETTING.

QUALITY 7 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
ASHLAND, KY	**ELEVATION: 546** **TDZE: 546** AIRPORT NAME: **ASHLAND RGNL**	**YRK**	**VOR/DME RWY 10, AMDT 12** 31 MARCH 2016	SUP: **VOR RWY 10** AMDT: **11B** DATED: **06/25/2015**

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

ARINC SUMMARY - KDWU

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
YRK	010	YRK	HM	FO		121.0	YRK		R			AA 03300		VE A
	010	YRK	IF	FB								AA 03300		V I
	020	GINUP	CF	FB		121.0	YRK			YRK		AA 02600		EA F
	030	RW10	CF	FO		121.0	YRK	3.15				AT 00599		EY M
	040	YRK	DF	FO					L			AA 03300		VY
	050	YRK	HM	FO		121.0	YRK		R			AA 03300		VE

POINTS

POINT NAME	LATITUDE	LONGITUDE
YRK	N383838.88	W0825842.02
GINUP	N383558.15	W0825142.62

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW10	N383320.14	W0824451.73	00546	53.0

QUALITY 15 CHECKED

CITY AND STATE	ELEVATION: 546 TDZE: 546	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: VOR RWY 10
ASHLAND, KY	AIRPORT NAME: ASHLAND RGNL	YRK	VOR/DME RWY 10, AMDT 12 31 MARCH 2016	AMDT: 11B DATED: 06/25/2015

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GNSHP	UYURI (FO)	081.81 / 5.95	2500
WASMO	UYURI (FO)	157.80 / 11.93	2500
UYURI (IF/IAF)	YAYUP (FB)	258.96 / 6.01	2500
UYURI (FAF)	ZITVI/2.20 NM TO RW26 (FB)	258.86 / 3.76	
ZITVI/2.20 NM TO RW26	RW26 (MAP) (FO)	258.86 / 2.20	
RW26 (MAP)	1100 MSL	258.86	1100
1100 MSL	WASMO (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WASMO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD E UYURI, RT, 258.96 INBOUND, 2500 FT. IN LIEU OF PT (IAF)**
3. FAC: **258.86** FAF: **YAYUP** DIST FAF TO MAP: **5.96** THLD: **5.96**
4. MIN. ALT: **UYURI 2500, YAYUP 2500, ZITVI/2.20 NM TO RW26 1300***
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2500** GS ALT AT: **YAYUP 2500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **40.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW26 2700**

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 186.65 INBOUND.
FAS OBST: 779 TREE 365122N/0872406W 970
AAO 365242N/0871949W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.04 MILES TO RW26*
***LNAV ONLY.**
WAAS CHANNEL # 82221
REFERENCE PATH ID: W26A
CHART CIRCLING ICON.
LTP HAE: 142.2 M

MAG VAR: **1W** EPOCH YEAR: **1995**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	**814**	**7/8**	**250**	**814**	**7/8**	**250**	**814**	**7/8**	**250**	**814**	**7/8**	**250**			
LNAV/VNAV DA	**996**	**1 1/2**	**432**	**996**	**1 1/2**	**432**	**996**	**1 1/2**	**432**	**996**	**1 1/2**	**432**			
LNAV MDA	**1040**	**1**	**476**	**1040**	**1**	**476**	**1040**	**1 3/8**	**476**	**1040**	**1 3/8**	**476**			
CIRCLING	**1140**	**1**	**576**	**1140**	**1**	**576**	**1280**	**2**	**716**	**1320**	**2 1/2**	**756**			

NOTES:
CHART NOTE: NIGHT LANDING: RWY 8 NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CLARKSVILLE ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
(CONTINUED ON PAGE 2)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 564 TDZE: 564 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: / AMDT: / DATED
HOPKINSVILLE, KY	**HOPKINSVILLE-CHRISTIAN COUNTY**	**RNAV**	**RNAV (GPS) RWY 26, AMDT 2** 31 MARCH 2016	4 / 1A / 12/11/2014

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLARKSVILLE ALTIMETER SETTING AND INCREASE LPV DA TO 285 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE LNAV/VNAV DA TO 467 FT AND ALL VISIBILITIES 1/8 MILE; INCREASE ALL MDA 40 FT AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HOPKINSVILLE, KY	**ELEVATION: 564** **TDZE: 564** AIRPORT NAME: **HOPKINSVILLE-CHRISTIAN COUNTY**	**RNAV**	**RNAV (GPS) RWY 26, AMDT 2** 31 MARCH 2016	SUP: 4 AMDT: 1 DATED: **12/11/2014**

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 aiport 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	KHVC
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	365130.8430N
LTP/FTP LONGITUDE	0872645.1815W
LTP/FTP ELLIPSOIDAL HEIGHT	+01422
FPAP LATITUDE	365111.9610N
FPAP LONGITUDE	0872833.6875W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C4B6B5E4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01718
FPAP ORTHOMETRIC HEIGHT	+01718

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ARINC SUMMARY - KHVC

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GNSHP	010	GNSHP	IF	FB										E
GNSHP	020	UYURI	TF	FO	2.0	081.8						AA 02500		EY
GNSHP	030	UYURI	HF	FO		259.0			R			AA 02500		EE A
WASMO	010	WASMO	IF	FB										E
WASMO	020	UYURI	TF	FO	2.0	157.8						AA 02500		EY
WASMO	030	UYURI	HF	FO		259.0			R			AA 02500		EE A
	010	UYURI	IF	FB								AA 02500		E I
	020	YAYUP	TF	FB	0.5	259.0				RW26		AA 02500		E F
	021	ZITVI	TF	FB	0.3	258.9		3.00				AA 01300 GS 01304		E S
	030	RW26	TF	FO	0.3	258.9		3.00				AT 00604		GY M
	040		CA	FB		258.9						AA 01100		M
	050	WASMO	DF	FO					R			AA 03000		EY
	060	WASMO	HM	FO		186.7			R			AA 03000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
GNSHP	N365304.93	W0871929.97
UYURI	N365401.80	W0871210.69
WASMO	N370500.60	W0871802.19
YAYUP	N365246.29	W0871929.90
ZITVI	N365158.77	W0872404.40

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW26	N365130.84	W0872645.18	00564	40

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LVT VORTAC	UCASO (FO)	270.23 / 30.96	4000
GARVY (IAF)	UCASO (NOPT) (FB)	109.32 / 22.54	4000
HARME (IAF)	UCASO (NOPT) (FB)	045.00 / 17.45	4000
UCASO (IF/IAF)	AHUCA (FB)	038.40 / 7.90	2600
AHUCA (FAF)	UNTOW/1.80 NM TO RW04 (FB)	038.43 / 3.07	
UNTOW/1.80 NM TO RW04	RW04 (MAP) (FO)	038.43 / 1.80	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW04

CLIMB TO 4000 DIRECT CAVAS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 218.55 INBOUND.
CHART FAS OBST: 1178 TREE 364247N/0853907W
CHART 1238 TWR 364154N/0854106W
CHART CIRCLING ICON
CHART GLASGOW AWOS-3

1. PT____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD SW UCASO, RT, 038.40 INBOUND, 4000 FT. IN LIEU OF PT (IAF)**
3. FAC: **038.43** FAF: **AHUCA** DIST FAF TO MAP: **4.87** THLD: **4.87**
4. MIN. ALT: **UCASO 4000, AHUCA 2600, UNTOW/1.80 NM TO RW04 1640**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW04 3100**

MAG VAR: **4W** EPOCH YEAR: **2010**

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**1540**	**1**	**506**	**1540**	**1**	**506**	**1540**	**1 3/8**	**506**		**NA**				
CIRCLING	**1640**	**1**	**604**	**1800**	**1**	**764**	**1840**	**2 1/4**	**804**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.
CHART NOTE: NIGHT LANDING: RWY 4 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LVT VORTAC AIRWAY RADIALS 228 CW 350.
(CONTINUED ON PAGE 2)

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 1036 TDZE: 1034 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TOMPKINSVILLE, KY	**TOMPKINSVILLE-MONROE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 31 MARCH 2016	AMDT: **1A** DATED **07/24/2014**

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW04 (MAP)	1436 MSL	038.43	
1436 MSL	CAVAS (FO)		4000

NOTES, (CONT.):
CHART NOTE: USE GLASGOW ALTIMETER SETTING.
CHART PROFILE NOTE: VISUAL SEGMENT-OBSTACLES.

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
TOMPKINSVILLE, KY	ELEVATION: 1036 TDZE: 1034 AIRPORT NAME: TOMPKINSVILLE-MONROE COUNTY	RNAV	RNAV (GPS) RWY 4, AMDT 1B 31 MARCH 2016	SUP: AMDT: 1A DATED: 07/24/2014

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

ARINC SUMMARY - KTZV

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
GARVY	010	GARVY	IF	FB										E A
GARVY	020	UCASO	TF	FB	1.0	109.3						AA 04000		EE B
HARME	010	HARME	IF	FB										E A
HARME	020	UCASO	TF	FB	1.0	045.0						AA 04000		EE B
LVT	010	LVT	IF	FB										V
LVT	020	UCASO	TF	FO	2.0	270.2						AA 04000		EY
LVT	030	UCASO	HF	FO		038.4			R			AA 04000		EE A
	010	UCASO	IF	FB								AA 04000		E I
	020	AHUCA	TF	FB	0.5	038.4				RW04		AA 02600		E F
	021	UNTOW	TF	FB	0.3	038.4		3.06				AA 01640 GS 01643		E S
	030	RW04	TF	FO	0.3	038.4		3.06				AT 01075		GY M
	040		CA	FB		038.4						AA 01436		M
	050	CAVAS	DF	FO								AA 04000		EY
	060	CAVAS	HM	FO		218.6			R			AA 04000		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
LVT	N363504.23	W0850959.84
AHUCA	N363927.12	W0854247.79
CAVAS	N365322.38	W0853054.61
GARVY	N363856.63	W0861519.78
HARME	N361945.43	W0860233.04
UCASO	N363255.64	W0854820.65
UNTOW	N364159.12	W0854038.40

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW04	N364328.24	W0853922.46	01015	41

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 1036 TDZE: 1034	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TOMPKINSVILLE, KY	AIRPORT NAME: **TOMPKINSVILLE-MONROE COUNTY**	**RNAV**	**RNAV (GPS) RWY 4, AMDT 1B** 31 MARCH 2016	AMDT: **1A**
				DATED: **07/24/2014**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CENUD (IAF)	CAVAS (NOPT) (FB)	246.87 / 6.64	4000
CAVAS (IF/IAF)	DOHEP (FB)	218.55 / 6.53	2600
DOHEP (FAF)	RW22 (MAP) (FO)	218.49 / 4.82	
RW22 (MAP)	1385 MSL	218.49	
1385 MSL	UCASO (FO)		4000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 4000 DIRECT UCASO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE CAVAS, RT, 218.55 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 218.49 FAF: DOHEP DIST FAF TO MAP: 4.82 THLD: 4.82
4. MIN. ALT: CAVAS 4000, DOHEP 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: DOHEP 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR
8. MSA FROM: RW22 3100

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 038.40 INBOUND.
FAS OBST: 1260 AAO 364652N/0853620W
CHART GLASGOW AWOS-3.
DISTANCE TO THLD FROM 349 HAT: 1.00 NM.
CHART VDP AT 1.73 MILES TO RW22*
*LNAV ONLY.
WAAS CHANNEL # 58031
REFERENCE PATH ID: W22A
CHART CIRCLING ICON.
LTP HAE: 285.2 M

MAG VAR: 4W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1385	1 1/4	349	1385	1 1/4	349	1385	1 1/4	349		NA				
LNAV/VNAV DA	1593	2	557	1593	2	557	1593	2	557		NA				
LNAV MDA	1620	1	584	1620	1	584	1620	1 3/4	584		NA				
CIRCLING	1640	1	604	1800	1	764	1840	2 1/4	804		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CENUD ON V513 SOUTHEAST BOUND.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
(CONTINUED ON PAGE 2)

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 1036 TDZE: 1036 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
TOMPKINSVILLE, KY	TOMPKINSVILLE-MONROE COUNTY	RNAV	RNAV (GPS) RWY 22, AMDT 1B 31 MARCH 2016	AMDT: 1A
				DATED 07/24/2014

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NOTES, (CONT.):
CHART NOTE: USE GLASGOW ALTIMETER ALTIMETER SETTING.
CHART NOTE: NIGHT LANDING: RWY 4 NA.

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
TOMPKINSVILLE, KY	**ELEVATION: 1036** **TDZE: 1036** AIRPORT NAME: **TOMPKINSVILLE-MONROE COUNTY**	**RNAV**	**RNAV (GPS) RWY 22, AMDT 1B** 31 MARCH 2016	SUP: AMDT: **1A** DATED: **07/24/2014**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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	KTZV
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	364400.8465N
LTP/FTP LONGITUDE	0853854.6640W
LTP/FTP ELLIPSOIDAL HEIGHT	+02852
FPAP LATITUDE	364247.2795N
FPAP LONGITUDE	0853957.3660W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	84ADEC66

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03158
FPAP ORTHOMETRIC HEIGHT	+03158

QUALITY 22 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
TOMPKINSVILLE, KY	ELEVATION: 1036 TDZE: 1036 AIRPORT NAME: TOMPKINSVILLE-MONROE COUNTY	RNAV	RNAV (GPS) RWY 22, AMDT 1B 31 MARCH 2016	SUP: AMDT: 1A DATED: 07/24/2014

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

ARINC SUMMARY - KTZV

ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
CAVAS	010	CAVAS	HF	FO		218.6			R			AA 04000		EE A
CENUD	010	CENUD	IF	FB										E A
CENUD	020	CAVAS	TF	FB	1.0	246.9						AA 04000		EE B
	010	CAVAS	IF	FB								AA 04000		E I
	020	DOHEP	TF	FB	0.5	218.6				RW22		AA 02600		E F
	030	RW22	TF	FO	0.3	218.5		3.00				AT 01066		GY M
	040		CA	FB		218.5						AA 01385		M
	050	UCASO	DF	FO								AA 04000		EY
	060	UCASO	HM	FO		038.4			R			AA 02800		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CAVAS	N365322.38	W0853054.61
CENUD	N365624.43	W0852332.92
DOHEP	N364759.40	W0853531.06
UCASO	N363255.64	W0854820.65

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW22	N364400.85	W0853854.66	01036	30

QUALITY 22 CHECKED

CITY AND STATE	ELEVATION: 1036 TDZE: 1036	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
TOMPKINSVILLE, KY	AIRPORT NAME: TOMPKINSVILLE-MONROE COUNTY	RNAV	RNAV (GPS) RWY 22, AMDT 1B 31 MARCH 2016	AMDT: 1A
				DATED: 07/24/2014

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ORANGE, MA	**ELEVATION: 556** **TDZE: 555** AIRPORT NAME: **ORANGE MUNI**	**ORE**	**NDB RWY 1, AMDT 1A, 10/18/2012**	SUP AMDT **1** DATE **05/31/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ORANGE, MA	**ELEVATION: 556 TDZE: 545** AIRPORT NAME: **ORANGE MUNI**	**ORE**	**NDB RWY 32, AMDT 1A, 08/21/2014**	SUP AMDT **1** DATE **05/31/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
VINEYARD HAVEN, MA	**ELEVATION: 67** **TDZE: 63** AIRPORT NAME: **MARTHA'S VINEYARD**	**MVY**	**VOR RWY 24, AMDT 2A, 04/30/2015**	SUP AMDT **2** DATE **01/13/2011**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146** **TDZE: 143** AIRPORT NAME: **BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL**	**BAL**	**VOR RWY 10, AMDT 17B, 10/21/2010**	SUP AMDT **17A** DATE **05/06/2010**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BALTIMORE, MD	**ELEVATION: 146 TDZE: 142** AIRPORT NAME: **BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL**	**BAL**	**VOR/DME RWY 33L, AMDT 3A, 05/29/2014**	SUP AMDT **3** DATE **10/05/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELIOT, ME	**ELEVATION: 125 TDZE:** AIRPORT NAME: **LITTLEBROOK AIR PARK**	**ESG**	**NDB-B, AMDT 1, 09/04/2003**	SUP AMDT **ORIG** DATE **06/12/1996**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SANFORD, ME	**ELEVATION: 244 TDZE: 241** AIRPORT NAME: **SANFORD SEACOAST RGNL**	**ENE**	**VOR RWY 7, AMDT 4C, 05/29/2014**	SUP AMDT **4B** DATE **03/07/2013**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ALPENA, MI	**ELEVATION: 690 TDZE: 685** AIRPORT NAME: **ALPENA COUNTY RGNL**	**APN**	**VOR RWY 1, AMDT 14D, 04/02/2015**	SUP AMDT **14C** DATE **05/06/2010**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
HANCOCK, MI	**ELEVATION: 1095 TDZE: 1095** AIRPORT NAME: **HOUGHTON COUNTY MEMORIAL**	**CMX**	**VOR RWY 13, AMDT 16, 11/25/2004**	SUP **VOR OR GPS 13** AMDT **15A** DATE **03/30/1995**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FAIRMONT, MN	**ELEVATION: 1162 TDZE: 1162** AIRPORT NAME: **FAIRMONT MUNI**	**FRM**	**VOR RWY 13, AMDT 5, 05/07/2009**	SUP **VOR OR GPS RWY 13** AMDT **4A** DATE **01/25/1993**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FAIRMONT, MN	**ELEVATION: 1162** **TDZE: 1162** AIRPORT NAME: **FAIRMONT MUNI**	**FRM**	**VOR RWY 31, AMDT 8, 05/07/2009**	SUP **VOR OR GPS RWY 31** AMDT **7A** DATE **01/25/1993**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
HIBBING, MN	**ELEVATION: 1354** **TDZE: 1354** AIRPORT NAME: **RANGE RGNL**	**HIB**	**VOR RWY 13, AMDT 13A, 06/26/2014**	SUP AMDT **13** DATE **12/23/2004**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
HIBBING, MN	**ELEVATION: 1353 TDZE: 1343** AIRPORT NAME: **RANGE RGNL**	**HIB**	**VOR RWY 31, AMDT 17, 08/05/2004**	SUP AMDT **16A** DATE **06/07/2000**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WILLMAR, MN	**ELEVATION: 1126 TDZE: 1124** AIRPORT NAME: **WILLMAR MUNI-JOHN L RICE FIELD**	**BDH**	**VOR RWY 13, ORIG, 11/23/2006**	AMDT **NONE** DATE

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION / TDZE	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GLASGOW, MT	**ELEVATION: 2296** **TDZE: 2294** AIRPORT NAME: **WOKAL FIELD/GLASGOW INTL**	**MKR**	**NDB RWY 30, AMDT 2A, 12/11/2014**	SUP AMDT **2** DATE **02/09/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BEAUFORT, NC	**ELEVATION: 11** **THRE: 7** AIRPORT NAME: **MICHAEL J SMITH FIELD**	**MRH**	**NDB RWY 21, AMDT 2, 05/02/2013**	SUP AMDT **1** DATE **05/31/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
TARBORO, NC	**ELEVATION: 53** **TDZE: 50** AIRPORT NAME: **TARBORO-EDGECOMBE**	**ETC**	**NDB RWY 27, ORIG, 09/15/1994**	SUP AMDT **NONE** DATE

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	ELEVATION / TDZE / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
BERLIN, NH	**ELEVATION: 1161** **TDZE:** AIRPORT NAME: **BERLIN RGNL**	**BML**	**VOR-B, AMDT 3A, 02/05/2015**	SUP AMDT **3** DATE **03/10/2011**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MANCHESTER, NH	**ELEVATION: 266** **TDZE: 265** AIRPORT NAME: **MANCHESTER**	**MHT**	**VOR RWY 35, AMDT 15E, 01/10/2013**	SUP AMDT **15D** DATE **10/23/2008**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PORTSMOUTH, NH	**ELEVATION: 100 TDZE: 100** AIRPORT NAME: **PORTSMOUTH INTL AT PEASE**	**PSM**	**VOR RWY 16, AMDT 5B, 06/30/2011**	SUP AMDT **5A** DATE **01/18/2007**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
PORTSMOUTH, NH	**ELEVATION: 100 TDZE: 84** AIRPORT NAME: **PORTSMOUTH INTL AT PEASE**	**PSM**	**VOR RWY 34, ORIG-D, 06/30/2011**	SUP AMDT **ORIG-C** DATE **12/20/2007**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEWARK, NJ	**ELEVATION: 18** **TDZE: 22L 11** **TDZE: 22R 11** AIRPORT NAME: **NEWARK LIBERTY INTL**	**TEB**	**VOR/DME RWY 22L, ORIG-D, 11/14/2013**	SUP AMDT **ORIG-C** DATE **02/09/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
NEWARK, NJ	**ELEVATION: 18** **TDZE: 22R 11** **TDZE: 22L 11** AIRPORT NAME: **NEWARK LIBERTY INTL**	**TEB**	**VOR/DME RWY 22R, AMDT 4D, 11/14/2013**	SUP AMDT **4C** DATE **02/09/2012**

FAA FORM 8260-5 / April 2006 (computer generated)

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
HUDSON, NY	COLUMBIA COUNTY	31 MARCH 2016	1

TAKEOFF MINIMUMS:

RWY 3, STANDARD.
RWY 21, STANDARD WITH A MINIMUM CLIMB OF 210 FT PER NM TO 2300 OR 2200-2 ½ FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 3 – CLIMB HEADING 024.60 TO 1500 BEFORE PROCEEDING ON COURSE.
RWY 21 – CLIMB HEADING 189.60 TO 2300 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

RWY 21: OBTAIN ATC APPROVAL FOR VCOA WHEN REQUESTING IFR CLEARANCE. CLIMB IN VISUAL CONDITIONS TO CROSS COLUMBIA COUNTY AIRPORT AT OR ABOVE 2200 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 188 FT FROM DER, 489 FT RIGHT OF CENTERLINE UP TO 44 FT AGL/246 FT MSL. TREES AND POLES BEGINNING 613 FT FROM DER, 226 FT LEFT OF CENTERLINE UP TO 65 FT AGL/271 FT MSL. TREES BEGINNING 1019 FT FROM DER, 699 FT RIGHT OF CENTERLINE UP TO 102 FT AGL/308 FT MSL. TREES BEGINNING 2198 FT FROM DER, 116 FT LEFT OF CENTERLINE, UP TO 91 FT AGL/299 FT MSL. TREES BEGINNING 3292 FT FROM DER, 555 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/292 FT MSL. TREES BEGINNING 3229 FT FROM DER, 452 FT LEFT OF CENTERLINE, UP TO 77 FT AGL/313 FT MSL. TREES BEGINNING 3967 FT FROM DER, 348 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/338 FT MSL. TREE 4016 FT FROM DER, 443 FT RIGHT OF CENTERLINE, 88 FT AGL/321FT MSL.
NOTE: RWY 21, FENCE 104 FT FROM DER, 372 FT LEFT OF CENTERLINE, 12 FT AGL/203 FT MSL.TREES BEGINNING 483 FT FROM DER, 533 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/256 FT MSL. TREES BEGINNING 570 FT FROM DER, 494 FT LEFT OF CENTERLINE, UP TO 79 FT AGL 253 FT MSL.

CONTROLLING OBSTACLES:

RWY 21 (VCOA): 4199 FT AAO, 421612.94N/0740722.69W, 609 FT TREE, 421922.34N/0734017.07W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 3: 4199 FT AAO, 421612.94N/0740722.69W, 1994 FT TWR, 421822.00N/0732927.00W
RWY 21: 3855 FT AAO, 420944.00N/0740448.00W, 4199 FT AAO, 421612.94N/0740722.69W, 969 FT AAO, 41320.27N/0733949.68W

QUALITY 18 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
HUDSON, NY	COLUMBIA COUNTY	31 MARCH 2016	1

REMARKS:

CLIMB GRADIENT ESTABLISHED TO KEEP THE DEAD RECKONING SEGMENT LENGTH 10 NM.

FLIGHT INSPECTED BY: *Digitally signed by* ***ADOLFO D URRUTIA*** FICO Jan 14, 2016

JOEL LAPLANTE — **REQUIRED EFFECTIVE DATE:** 01/12/2016

DEVELOPED BY: *Digitally signed by* ***LIAM DONAHUE*** Nov 30, 2015

LIAM DONAHUE AJV-5413 OCTOBER 26, 2015

APPROVED BY: *Digitally signed by* ***ADOLFO D URRUTIA*** Jan 14, 2016

MARLON ROBINSON AJV-5410

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA

CHANGES:

1. CHANGED WORDING IN RWY 3 DEPARTURE PROCEDURE FROM “BEFORE TURNING” TO BEFORE PROCEEDING ON COURSE.
2. ADDED 210 CLIMB GRADIENT AND CHANGED CLIMB TO ALTITUDE FROM 2100 TO 2300 ON RUNWAY 21 DEPARTURE.
3. CHANGED RUNWAY 21 DEPARTURE PROCEDURE FROM BEFORE TURNING RIGHT TO BEFORE PROCEEDING ON COURSE.
4. ADDED VCOA FOR RUNWAY 21 DEPARTURE.
5. UPDATED BOTH RUNWAY TAKEOFF OBSTACLE NOTES.

REASONS:

1. CLARIFY AND SIMPLIFY DEPARTURE INSTRUCTIONS.
2. NEEDED TO CLEAR NEW OBSTACLE, 3855 MSL AAO, WITHOUT EXTENDING DEAD RECKONING SEGMENT PAST 10 NM.
3. NEW OBSTACLES TO THE LEFT OF CLIMB COURSE.
4. IAW 8260.46E
5. NEW SURVEY.

QUALITY 18 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A

CATEGORY =====>															
	MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS		MDA	VIS	

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 MARCH 2016

QUALITY 24 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WHITE PLAINS, NY	**ELEVATION: 439** **TDZE:** AIRPORT NAME: **WESTCHESTER COUNTY**	**CMK**	**VOR/DME-A, AMDT 4B, 02/10/2011**	SUP AMDT **4A** DATE **11/18/2010**

FAA FORM 8260-5 / April 2006 (computer generated)

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
KNOXVILLE. TN	MC GHEE TYSON	31 MARCH 2016	8

TAKEOFF MINIMUMS:

5L,5R,23L,23R: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5L: CLIMB DIRECT VXV VORTAC THEN ON VXV VORTAC R-053 NORTHEAST BOUND TO 4100 BEFORE PROCEEDING ON COURSE.
RWY 5R: CLIMB DIRECT VXV VORTAC THEN ON VXV VORTAC R-053 NORTHEAST BOUND TO 4100 BEFORE PROCEEDING ON COURSE.
RWY 23L: CLIMB ON VXV VORTAC R-226 SOUTHWEST BOUND TO 4000 BEFORE PROCEEDING ON COURSE.
RWY 23R: CLIMB ON VXV VORTAC R-226 SOUTHWEST BOUND TO 4000 BEFORE PROCEEDING ON COURSE.

VISUAL CLIMB OVER AIRPORT:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5L, POLES BEGINNING 1735 FT FROM DER, 925 FT LEFT OF CENTERLINE, UP TO 66 FT AGL/1045 FT MSL.

NOTE: RWY 5R, TERRAIN 52 FT FROM DER, 489 FT LEFT OF CENTERLINE, 967 FT MSL. POLES BEGINNING 94 FT FROM DER, 438 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/976 FT MSL.

NOTE: RWY 23L, CATENARIES BEGINNING 3690 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 144 FT AGL/1040 FT MSL. TRANSMISSION LINE TOWER 3884 FT FROM DER, 1003 FT LEFT OF CENTERLINE, 137 FT AGL/1049 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:

RWY 5L, 5R, – 6793 FT MSL AAO 353915.00N/0832612.00W

RWY 23L, 23R - 5727 FT MSL AAO 353418.16N/0834230.90W. 5560 FT MSL AAO 352215.36N/0840007.33W

QUALITY 18 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
KNOXVILLE. TN	MC GHEE TYSON	31 MARCH 2016	8

REMARKS:

RUNWAY 5L/23R LENGTHS VALID FOR AT LEAST TWO YEARS.

FLIGHT INSPECTED BY: *Digitally signed by* ***JULIE A MORGAN*** Jan 19, 2016

DANIEL STRICKER FICO

REQUIRED EFFECTIVE DATE: 01/13/2016

DEVELOPED BY: *Digitally signed by* ***LIAM DONAHUE*** Nov 30, 2015

LIAM DONAHUE AJV-5413 November 4, 2015

APPROVED BY: *Digitally signed by* ***JULIE A MORGAN*** Jan 19, 2016

MARLON ROBINSON AJV-5410

COORDINATED WITH:

ATA, ALPA, APA, AOPA, NBAA, ZTL, TYS APP CON, TYS TOWER, AMGR, HQ USAF/ANG.

CHANGES:

1. RAISED RUNWAYS 5L/R DEPARTURE PROCEDURE CLIMB TO ALTITUDE FROM 3300 TO 4100 FT.
2. UPDATED OBSTACLE NOTES.
3. RAISED RUNWAYS 23L/R DEPARTURE PROCEDURE CLIMB TO ALTITUDE FROM 3400 TO 4000 FT.
4. CHANGED OUTBOUND RADIAL FOR RUNWAY 23L FROM 224 TO 226.
5. CHANGED TAKEOFF MINIMUMS FOR RUNWAY 5L FROM 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 225 FT PER NM TO 1300, OR ALTERNATIVELY WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER 1800 FT PRIOR TO DER. TO STANDARD.
6. DELETED RUNWAY 5L CONTROLLING OBSTACLE.

REASONS:

1. NEW OBSTACLE FROM MAP STUDY, A 6793 MSL AAO AT 353391.00N/0832612.00W.
2. NEW SURVEY AND RUNWAY 5L/23R CONSTRUCTION.
3. NEW OBSTACLE FROM MAP STUDY, A 5560 MSL AAO AT 352215.36N/0840007.33W.
4. NEEDED TO PROVIDE ENOUGH RISE TO CLEAR 5560 AAO.
5. NEW 5L DER IS MORE THAN 1800 FT PRIOR TO OLD DER.
6. RUNWAY SHORTENED OBSTACLE NO LONGER APPLIES.

QUALITY 18 CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 31061; Amdt. No. 3682]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This rule amends, suspends, or removes 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 for the 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. U.S. Department of Transportation, Docket Ops-M30, 1200 New Jersey Avenue SE, West Bldg., Ground Floor, Washington, D.C., 20590-0001;

2. The FAA Air Traffic Organization Service Area in which the affected airport is located;

3. The office of Aeronautical Navigation Products, 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 the National Flight Data Center online at nfdc.faa.gov to register. Additionally, individual SIAP and Takeoff Minimums and ODP copies may be obtained from the FAA Air Traffic Organization Service Area in which the affected airport is located.

FOR FURTHER INFORMATION CONTACT: Thomas J. Nichols, Flight Procedure Standards Branch (AFS-420)Flight Technologies and Procedures 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 (NFDC)/Permanent Notice to Airmen (P-NOTAM), and is incorporated by reference under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR §97.20. 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 on FAA form documents is unnecessary.

This amendment provides the affected CFR sections, and specifies the SIAPs and Takeoff Minimums and ODPs with their applicable effective dates. This amendment also identifies the airport and its location, the procedure and the amendment number.

Availability and Summary of Material Incorporated by Reference

The material incorporated by reference is publicly available as listed in the ADDRESSES section.

The material incorporated by reference describes SIAPs, Takeoff Minimums and ODPs as identified in the amendatory language for part 97 of this final rule.

The Rule

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

The SIAPs and Takeoff Minimums and ODPs, as modified by FDC permanent 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 and Takeoff Minimums and ODPs, 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 that created the need for these SIAP and Takeoff Minimums and ODP amendments require making them effective in less than 30 days.

Because of the close and immediate relationship between these SIAPs, Takeoff Minimums and ODPs, and safety in air commerce, I find that notice and public procedure under 5 U.S.C. 553(b) are impracticable and contrary to the public interest and, where applicable, under 5 U.S.C. 553(d), good cause exists for making these SIAPs effective in less than 30 days.

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 JANUARY 29, 2016

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, (14 CFR part 97), is amended by amending Standard Instrument Approach Procedures and Takeoff Minimums and ODPs, 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(f), 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
3-Mar-16	NJ	Vincentown	Red Lion	5/0276	1/19/16	VOR-A, Amdt 6
3-Mar-16	NJ	Vincentown	Red Lion	5/0277	01/19/16	RNAV (GPS) RWY 5, Orig
3-Mar-16	SC	Mount Pleasant	Mt Pleasant Rgnl-Faison Field	5/3599	01/13/16	VOR/DME-A, Amdt 1
3-Mar-16	SC	Mount Pleasant	Mt Pleasant Rgnl-Faison Field	5/3600	01/13/16	RNAV (GPS) RWY 17, Orig-A
3-Mar-16	SC	Mount Pleasant	Mt Pleasant Rgnl-Faison Field	5/3601	01/13/16	RNAV (GPS) RWY 35, Orig-A
3-Mar-16	AL	Gadsden	Northeast Alabama Rgnl	5/4535	01/13/16	RNAV (GPS) RWY 24, Amdt 1A
3-Mar-16	NY	Jamestown	Chautauqua County/Jamestown	5/7656	01/13/16	ILS OR LOC RWY 25, Amdt 7A
3-Mar-16	SC	Greenwood	Greenwood County	6/1509	01/13/16	VOR OR GPS RWY 9, Amdt 13B
3-Mar-16	ME	Pittsfield	Pittsfield Muni	6/2519	1/13/16	NDB RWY 36, Amdt 4C
3-Mar-16	ME	Pittsfield	Pittsfield Muni	6/2520	1/13/16	RNAV (GPS) RWY 36, Orig-B

AIRAC Date: 3 MARCH 2016

FDC **5/0276** N73 IAP RED LION, VINCENTOWN, NJ. VOR-A, AMDT 6... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART MOUNT HOLLY ASOS. THIS IS VOR-A, AMDT 6A. 1512212118-PERM

FDC **5/0277** N73 IAP RED LION, VINCENTOWN, NJ. RNAV (GPS) RWY 5, ORIG... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES. DELETE DESCENT ANGLE 3.04/TCH 40. 34:1 IS NOT CLEAR. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART MOUNT HOLLY ASOS. THIS IS RNAV (GPS) RWY 5, ORIG-A. 1512212118-PERM

FDC **5/3599** LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. VOR/DME-A, AMDT 1... CHART NOTE: NIGHT LANDING: RWY 35 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS VOR/DME-A, AMDT 1A. 1511161735-PERM

FDC **5/3600** LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. RNAV (GPS) RWY 17, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 35 NA. THIS IS RNAV (GPS) RWY 17, ORIG-B. 1511161735-PERM

FDC **5/3601** LRO IAP MT PLEASANT RGNL-FAISON FIELD, MOUNT PLEASANT, SC. RNAV (GPS) RWY 35, ORIG-A... CHART NOTE: NIGHT LANDING: RWY 35 NA. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. 34:1 IS NOT CLEAR. DELETE VDP. DELETE NOTE: VDP NA WITH CHARLESTON AFB/INTL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 35, ORIG-B. 1511161735-PERM

FDC **5/4535** GAD IAP NORTHEAST ALABAMA RGNL, GADSDEN, AL. RNAV (GPS) RWY 24, AMDT 1A... LNAV/VNAV DA 1016/HAT 456, VIS 1 5/8 ALL CATS. CHANGE UNCOMPENSATED BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54 C (130F). THIS IS RNAV (GPS) RWY 24, AMDT 1B. 1512092229-PERM

FDC **5/7656** JHW IAP CHAUTAUQUA COUNTY/JAMESTOWN, JAMESTOWN, NY. ILS OR LOC RWY 25, AMDT 7A... CHART NOTE: AUTOPILOT COUPLED APPROACHES NA BELOW 2260. THIS IS ILS OR LOC RWY 25, AMDT 7B. 1511241457-PERM

FDC **6/1509** GRD IAP GREENWOOD COUNTY, GREENWOOD, SC. VOR OR GPS RWY 9, AMDT 13B... CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. THIS IS VOR OR GPS RWY 9, AMDT 13C. 1601072011-PERM

FDC **6/2519** 2B7 IAP PITTSFIELD MUNI, PITTSFIELD, ME. NDB RWY 36, AMDT 4C... S-36 HAT 566 ALL CATS. CHART TDZE 194 DELETE THRE 176. THIS IS NDB RWY 36, AMDT 4D. 1601121425-PERM

FDC **6/2520** 2B7 IAP PITTSFIELD MUNI, PITTSFIELD, ME. RNAV (GPS) RWY 36, ORIG-B... LNAV HAT 466 ALL CATS. CHART TDZE 194 DELETE THRE 176. THIS IS RNAV (GPS) RWY 36, ORIG-C. 1601121425-PERM