

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-26

NOVEMBER 14, 2008

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

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

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30638; Amdt. No 3296]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

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

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

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

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on November 14, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 18 DEC 2008

Hopkinsville, KY, Hopkinsville-Christian County, Takeoff Minimums and Obstacle DP, Amdt 1

Hamilton, NY, Hamilton Muni, Takeoff Minimums and Obstacle DP, Amdt 2

Effective 15 JAN 2009

Fresno, CA, Fresno-Chandler Executive, Takeoff Minimums and Obstacle DP, Amdt 2

Ocala, FL, Ocala Intl-Jim Taylor Fld, ILS OR LOC/DME RWY 36, Amdt 1

Ocala, FL, Ocala Intl-Jim Taylor Fld, NDB RWY 36, Amdt 5, CANCELLED

Ocala, FL, Ocala Intl-Jim Taylor Fld, RNAV (GPS) RWY 18, Amdt 1

Ocala, FL, Ocala Intl-Jim Taylor Fld, RNAV (GPS) RWY 36, Amdt 1

Ocala, FL, Ocala Intl-Jim Taylor Fld, Takeoff Minimums and Obstacle DP, Orig

Ocala, FL, Ocala Intl-Jim Taylor Fld, VOR RWY 36, Amdt 18

Kahului, HI, Kahului, RNAV (GPS) RWY 23, Amdt 1

Kahului, HI, Kahului, Takeoff Minimums and Obstacle DP, Amdt 6

Clinton, IA, Clinton Muni, GPS RWY 21, Amdt 1A, CANCELLED

Clinton, IA, Clinton Muni, RNAV (GPS) RWY 3, Orig

Clinton, IA, Clinton Muni, RNAV (GPS) RWY 21, Orig

Clinton, IA, Clinton Muni, Takeoff Minimums and Obstacle DP, Orig

Clinton, IA, Clinton Muni, VOR RWY 3, Amdt 15

Quincy, IL, Quincy Rgnl-Baldwin Field, RNAV (GPS) RWY 4, Orig

Quincy, IL, Quincy Rgnl-Baldwin Field, RNAV (GPS) RWY 13, Orig

Quincy, IL, Quincy Rgnl-Baldwin Field, RNAV (GPS) RWY 31, Orig

Quincy, IL, Quincy Rgnl-Baldwin Field, RNAV (GPS) RWY 36, Orig

Quincy, IL, Quincy Rgnl-Baldwin Field, VOR RWY 4, Amdt 12

Quincy, IL, Quincy Rgnl-Baldwin Field, VOR/DME RNAV OR GPS RWY 13, Amdt 4, CANCELLED

Alpena, MI, Alpena County Rgnl, NDB RWY 01, Amdt 7

Alpena, MI, Alpena County Rgnl, Takeoff Minimums and Obstacle DP, Orig

Minneapolis, MN, Crystal, GPS RWY 14L, Orig-C, CANCELLED

Minneapolis, MN, Crystal, RNAV (GPS) RWY 14L, Orig

Rushford, MN, Rushford Muni, GPS RWY 34, Orig, CANCELLED

Rushford, MN, Rushford Muni, RNAV (GPS) RWY 34, Orig

Rushford, MN, Rushford Muni, VOR/DME-A, Amdt 2

Hammonton, NJ, Hammonton Muni, Takeoff Minimums and Obstacle DP, Orig

Brockport, NY, Ledgesdale Airpark, GPS RWY 28, Orig, CANCELLED

Brockport, NY, Ledgesdale Airpark, RNAV (GPS) RWY 28, Orig

Brockport, NY, Ledgesdale Airpark, Takeoff Minimums and Obstacle DP, Orig

Columbus, OH, Bolton Field, ILS OR LOC RWY 4, Amdt 5

Columbus, OH, Bolton Field, NDB RWY 4, Amdt 7

Columbus, OH, Bolton Field, RNAV (GPS) RWY 4, Orig

Columbus, OH, Bolton Field, Takeoff Minimums and Obstacle DP, Orig

Mount Vernon, OH, Knox County, RNAV (GPS) RWY 10, Orig
Mount Vernon, OH, Knox County, RNAV (GPS) RWY 28, Orig
Mount Vernon, OH, Knox County, Takeoff Minimums and Obstacle DP, Orig
Mount Vernon, OH, Knox County, VOR/DME RNAV OR GPS RWY 10, Amdt 2A,
CANCELLED
Mount Vernon, OH, Knox County, VOR/DME RNAV OR GPS RWY 28, Amdt 2B,
CANCELLED
Van Wert, OH, Van Wert County, GPS RWY 9, Orig, CANCELLED
Van Wert, OH, Van Wert County, GPS RWY 27, Orig, CANCELLED
Van Wert, OH, Van Wert County, NDB RWY 9, Amdt 3
Van Wert, OH, Van Wert County, RNAV (GPS) RWY 9, Orig
Van Wert, OH, Van Wert County, RNAV (GPS) RWY 27, Orig
Van Wert, OH, Van Wert County, Takeoff Minimums and Obstacle DP, Amdt 3
Oklahoma City, OK, Will Rogers World, RNAV (GPS) RWY 17R, Amdt 2A
Watonga, OK, Watonga Rgnl, NDB RWY 17, Orig, CANCELLED
Pittsburgh, PA, Pittsburgh Intl, RNAV (GPS) Y RWY 28L, Amdt 4A
Sterling, PA, Spring Hill, Takeoff Minimums and Obstacle DP, Orig
Beaumont, TX, Beaumont Muni, Takeoff Minimums and Obstacle DP, Orig
Big Spring, TX, Big Spring Mc Mahon-Wrinkle, RNAV (GPS) RWY 17, Orig
Big Spring, TX, Big Spring Mc Mahon-Wrinkle, RNAV (GPS) RWY 35, Orig
Big Spring, TX, Big Spring Mc Mahon-Wrinkle, VOR/DME RWY 17, Amdt 8
Big Spring, TX, Big Spring Mc Mahon-Wrinkle, VOR/DME RWY 35, Amdt 8
Fort Hood, TX, Hood AAF, Takeoff Minimums and Obstacle DP, Amdt 1
Killeen, TX, Skylark Field, Takeoff Minimums and Obstacle DP, Amdt 2
Eau Claire, WI, Chippewa Valley Rgnl, ILS OR LOC RWY 22, Amdt 8
Eau Claire, WI, Chippewa Valley Rgnl, LOC/DME BC RWY 4, Amdt 9
Stevens Point, WI, Stevens Point Muni, ILS OR LOC RWY 21, Orig
Stevens Point, WI, Stevens Point Muni, Takeoff Minimums and Obstacle DP, Orig
Bluefield, WV, Mercer County, Takeoff Minimums and Obstacle DP, Amdt 4

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 08: 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 275 FEET PER NM TO 800.

RWY 26: 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 260 FEET PER NM TO 1100.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 08: CLIMB HEADING 080 TO 800 BEFORE PROCEEDING ON COURSE.

RWY 26: CLIMB HEADING 258 TO 1100 BEFORE TURNING NORTH.

(3) TAKEOFF OBSTACLE NOTES:

RWY 08: TREES BEGINNING 2876' FROM DER, 97' RIGHT OF CENTERLINE, UP TO 100' AGL/669' MSL. POWERLINES 3454' FROM DER, 852' LEFT OF CENTERLINE, 79' AGL/658' MSL. TREES BEGINNING 3463' FROM DER, 1049' LEFT OF CENTERLINE, UP TO 100' AGL/739' MSL.

RWY 26: TREES BEGINNING 61' FROM DER, 2' LEFT OF CENTERLINE, UP TO 100' AGL/639' MSL. TREES BEGINNING 758' FROM DER, 353' RIGHT OF CENTERLINE, UP TO 100' AGL/629' MSL. TOWER, 2260' FROM DER, 582' LEFT OF CENTERLINE, 130' AGL/670' MSL. ELEVATOR, 1.42 MILES FROM DER, 1278' RIGHT OF CENTERLINE, 201' AGL/780' MSL.

(4) CONTROLLING OBSTACLES:

RWY 08: 719 MSL TREE, 365159.59N-0872548.34W; 739 MSL TREE, 365158.34N-0872550.02W.

RWY 26: 780 MSL ELEVATOR, 365116.00N-0872925.00W; 920 MSL ANTENNA ON GRAIN ELEVATOR, 365132.00N-0872953.00W.

(5) City, State

HOPKINSVILLE, KY

(6) Airport

HOPKINSVILLE-CHRISTIAN COUNTY

(7) Effective Date

18 DEC 2008

(8) Amdt. No.

1

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CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 600-3 WITH MINIMUM CLIMB OF 288 FEET PER NM TO 2100 OR 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 35, 400-1 WITH MINIMUM CLIMB OF 364 FEET PER NM TO 2300 OR 1300-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17: CLIMB HEADING 169.77 TO 2100 OR FOR CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE.
RWY 35: CLIMB HEADING 349.78 TO 2300 OR FOR CLIMB IN VISUAL CONDITIONS, CROSS HAMILTON MUNICIPAL AIRPORT AT OR ABOVE 2300 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 17, MULTIPLE TREES BEGINNING 37' FROM DER, 163' RIGHT OF CENTERLINE, UP TO 100' AGL/ 1219' MSL. RAILROAD 94' FROM DER, 217' LEFT OF CENTERLINE, 23' AGL/1162' MSL. MULTIPLE TREES BEGINNING 815' FROM DER, 583' LEFT OF CENTERLINE, UP TO 100' AGL/1219' MSL. MULTIPLE TREES BEGINNING 1861' FROM DER, 939' RIGHT OF CENTERLINE, UP TO 100' AGL/1459' MSL. MULTIPLE TREES BEGINNING 1.6 NM FROM DER, 3026' LEFT OF CENTERLINE, UP TO 100' AGL/1659' MSL. MULTIPLE TREES BEGINNING 2.6 NM FROM DER, 1078' RIGHT OF CENTERLINE, UP TO 100' AGL/1679' MSL. NOTE: RWY 35, RAILROAD 27' FROM DER, 464' RIGHT OF CENTERLINE, 23' AGL/1162' MSL. MULTIPLE TREES BEGINNING 855' FROM DER, 604' RIGHT OF CENTERLINE, UP TO 100' AGL/1279' MSL. MULTIPLE TREES BEGINNING 2444' FROM DER, 356' LEFT OF CENTERLINE, UP TO 100' AGL/1219' MSL. (CONTINUED PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 17: 1419 MSL TREE 424936.17N/0753327.88W, 1659 MSL TREE 424841.37N/0753149.82W, 1619 MSL TREE 424805.15N/0753149.58W, 1699 MSL TREE 424739.85N/0753223.97W, 1759 MSL AAO 424659.31N/0753217.15W, (VCOA) 1994 MSL WINDMILL 425400.10N/0753408.40W.
RWY 35: 1439 MSL TREE 425150.66N/0753354.64W, 1941 MSL WINDMILL 425409.20N/0753430.50W, (VCOA) 1994 MSL WINDMILL 425400.10N/0753408.40W.

(5) City, State

HAMILTON, NY

(6) Airport

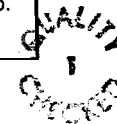
HAMILTON MUNICIPAL

(7) Effective Date

18 DEC 2008

(8) Amdt. No.

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

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

TAKEOFF OBSTACLE NOTES: (CONTINUED FROM PAGE 1) MULTIPLE TREES BEGINNING 4371' FROM DER, 1630' RIGHT OF CENTERLINE, UP TO 100'AGL/1439' MSL.

City, State HAMILTON, NY		Airport HAMILTON MUNI			Effective Date 18 DEC 2008	Amdt. No. 2
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date	

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 12, 30 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 12 - CLIMB HEADING 110.66 TO 2000 THEN CLIMBING RIGHT TURN TO 6300 VIA HEADING 200 AND CZQ VORTAC R-167 BEFORE PROCEEDING ON COURSE.

RWY 30 - CLIMB HEADING 290.67 TO 2000 THEN CLIMBING LEFT TURN TO 5500 VIA HEADING 140 AND CZQ VORTAC R-167 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, MULTIPLE TREES, POLES AND TERRAIN BEGINNING 84' FROM DER, 16' LEFT OF CENTERLINE, UP TO 92' AGL/371' MSL. MULTIPLE TREES, POLES, ROAD, FENCE AND TERRAIN BEGINNING 53' FROM DER, 94' RIGHT OF CENTERLINE, UP TO 62' AGL/341' MSL.

NOTE: RWY 30, MULTIPLE TREES, POLES, BUSHES AND TERRAIN BEGINNING 125' FROM DER, 46' LEFT OF CENTERLINE, UP TO 111' AGL/389' MSL. MULTIPLE POLES, ROAD AND FENCE BEGINNING 236' FROM DER, 23' RIGHT OF CENTERLINE, UP TO 42' AGL/320' MSL.

(4) CONTROLLING OBSTACLES:

RWY 12: 10812 MSL AAO 370827.70N/1190333.70W

RWY 30: 10812 MSL AAO 370827.70N/1190333.70W

(5) City, State

FRESNO, CA

(6) Airport

FRESNO-CHANDLER EXECUTIVE

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

2

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: OCF VORTAC 1.16 DME FIX CLIMB TO 3000 VIA OCF VORTAC R-355 TO LEJKO INT/OCF VORTAC 10.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA GNV VORTAC R-179 TO LEJKO INT/GNV VORTAC 20.90 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000, HOLD S, RT, 359.45 INBOUND. ADDITIONAL FLIGHT DATA: HOLD S, RT, 355.48 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD S LEJKO INT/GNV VORTAC 20.90 DME, RT, 359.45 INBOUND. CHART FAS OBST: 281 TOWER 290726N/0821300W CHART JUMPI LOM SUBDUED. CHART OCF R-208 AT NUCIS. CHART OCF R-129 AT CUSAB. CHART (DMFBJ) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.								
OCF VORTAC	FIBUS/OCF VORTAC 5.93 DME	178.26 / 5.93	2000									
NUCIS/OCF VORTAC 14.00 DME CCW (IAF)	TALZA/OCF VORTAC 14.00 DME (NOPT)	14.00 DME ARC (OCF LR-188)	2000									
CUSAB/OCF VORTAC 14.00 DME CW (IAF)	TALZA/OCF VORTAC 14.00 DME (NOPT)	14.00 DME ARC (OCF LR-171)	2000									
SADEY INT/OCF VORTAC 17.76 DME (IAF)	TALZA/OCF VORTAC 14.00 DME (NOPT)	300.00 / 2.88 (HDG) & 003.93 / 2.29 (I-OCF)	2000									
TALZA/OCF VORTAC 14.00 DME (IF)	FIBUS/OCF VORTAC 5.93 DME	003.93 / 8.07 (I-OCF)	1700									
1. PT <u>L</u> SIDE OF COURSE <u>183.93</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>FIBUS</u> (IAF) 2. _____ 3. FAC: <u>003.93</u> FAF: <u>FIBUS/OCF VORTAC 5.93 DME</u> DIST FAF TO MAP: _____ THLD: <u>4.87</u> 4. MIN. ALT: <u>TALZA 2000, FIBUS 1700</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>925</u> 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>FIBUS/OCF VORTAC 5.93 DME 1700</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>49.8</u> 8. MSA FROM: <u>OCF VORTAC 2500</u>				MAG VAR: <u>4W</u> EPOCH YEAR: <u>2000</u>								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	ILS: STANDARD #	LOC: STANDARD @						
CATEGORY ==>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36	280	3/4	200	280	3/4	200	280	3/4	200	280	3/4	200
S-LOC 36	540	3/4	460	540	3/4	460	540	3/4	460	540	1	460
CIRCLING	580	1	491	580	1	491	580	1 1/2	491	640	2	551
NOTES: CHART NOTE: DME FROM OCF VORTAC. SIMULTANEOUS RECEPTION OF I-OCF AND OCF DME REQUIRED. # @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAINESVILLE ALTIMETER SETTING AND SEE 8260-10. CITY AND STATE: <u>OCALA, FL</u> ELEVATION: <u>89</u> TDZE: <u>80</u> FACILITY IDENTIFIER: <u>I-OCF</u> PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <u>ILS OR LOC/DME RWY 36, AMDT 1</u> SUP: <u>ILS RWY 36</u> AIRPORT NAME: <u>OCALA INTL-JIM TAYLOR FLD</u> 15 JAN 2009 AMDT: <u>ORIG</u> DATED: <u>05/18/2000</u>												

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

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

NOTES CONT.

INCREASE S-ILS 36 DA TO 361 AND ALL MDA 100 FEET; INCREASE S-LOC 36 CATS C AND D VISIBILITY 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 36 ALL CATS WHEN USING LOCAL ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 36 CATS A AND B VISIBILITY TO 1 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GAINESVILLE ALTIMETER SETTING, INCREASE S-LOC 36 CATS A AND B VISIBILITY TO 1 MILE.

CITY AND STATE

OCALA, FL

ELEVATION: 89

TDZE: 80

AIRPORT NAME:

OCALA INTL-JIM TAYLOR FLD

FACILITY
IDENTIFIER:

I-OCF

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:

ILS OR LOC/DME RWY 36, AMDT 1

15 JAN 2009

SUP:

ILS RWY 36

AMDT:

ORIG

DATED:

05/18/2000

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 80	FACILITY IDENTIFIER: OCF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 36, AMDT 5, 08/10/2000	SUP
	AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD			AMDT 4
				DATE 23 APR 98

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SOWMU (IAF)	CUFJO (NOPT) (FB)	273.98 / 5.00	2100	LNAV/VNAV: DA LNAV: RW18 CLIMB TO 2000 DIRECT TALZA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 003.93 INBOUND. CHART FAS OBST: 230 TOWER 291129N/0821358W CHART TDZE 81 CHART PALATKA 1 MOA, PALATKA 2 MOA. CHART R-2906, R-2907A/B, R-2910. DISTANCE TO THLD FROM 495 HAT: 1.39 NM. CHART VDP AT 1.28 MILES TO RW18* *LNAV ONLY.
NAKYA (IAF)	CUFJO (NOPT) (FB)	093.88 / 5.00	2100	
CUFJO (IF/IAF)	LUGGY (FB)	183.93 / 6.10	1700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N CUFJO, LT, 183.93 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 183.93 FAF: LUGGY DIST FAF TO MAP: 4.86 THLD: 4.86
- MIN. ALT: CUFJO 2100, LUGGY 1700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1700 GS ALT AT: LUGGY 1700 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 4W

EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N/A	STANDARD @					
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV/VNAV DA	576	1 3/4	495	576	1 3/4	495	576	1 3/4	495	576	1 3/4	495				
LNAV MDA	540	1	459	540	1	459	540	1 1/4	459	540	1 1/2	459				
CIRCLING	580	1	491	580	1	491	580	1 1/2	491	640	2	551				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAINESVILLE ALTIMETER SETTING AND
 SEE 8260-10

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 81 AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG-B
				DATED 10/05/2000

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

INCREASE LNAV/VNAV DA TO 657 AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS, LNAV CATS C AND D, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	094/30 CW 274/30 (NOPT)	CUFJO (IF/IAF) (FB)	2100
2.	274/30 CW 004/30	SOWMU (IAF) (FB)	2500
3.	004/30 CW 094/30	NAKYA (IAF) (FB)	2500

CITY AND STATE

OCALA, FL

ELEVATION: 89 TDZE: 81

AIRPORT NAME:

OCALA INTL-JIM TAYLOR FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

15 JAN 2009

SUP:

AMDT: ORIG-B

DATED: 10/05/2000

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

[illegible]

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

[illegible][illegible]

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 81 AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG-B
				DATED: 10/05/2000

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CUFJO	CUFJO	010		HF	L	FB		183.9(180T)	004.0	02100
	NAKYA	NAKYA	010	IAF	IF		FB				
	NAKYA	CUFJO	020		TF		FB	1.0	093.9(090T)	005.0	02100
	SOWMU	SOWMU	010	IAF	IF		FB				
	SOWMU	CUFJO	020		TF		FB	1.0	274.0(270T)	005.0	02100
		CUFJO	010	FACF	IF		FB				02100
		LUGGY	020	FAF	TF		FB	0.5	183.9(180T)	006.1	01700
		RW18	030	MAP	TF		FO	0.3	183.9(180T)	004.9	00132

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TALZA	040		DF		FO	1.0			02000
	TALZA	050		HM	R	FO	2.0	003.9(360T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUFJO	N292141.44	W0821323.94	N2921.691	W08213.399
	LUGGY	N291534.36	W0821323.43	N2915.573	W08213.391
	NAKYA	N292140.95	W0821907.26	N2921.683	W08219.121
	SOWMU	N292141.68	W0820740.62	N2921.695	W08207.677
	TALZA	N295636.86	W0821321.85	N2856.614	W08213.364
	RW18	N291042.18	W0821323.02	N2910.703	W08213.384

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00080	52

CITY AND STATE
OCALA, FL

ELEVATION: 89 TDZE: 81
 AIRPORT NAME:
 Ocala Intl-Jim Taylor Fld

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, AMDT 1
 15 JAN 2009

SUP:
 AMDT: ORIG-B
 DATED: 10/05/2000

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2100 DIRECT CUFJO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 183.93 INBOUND. CHART FAS OBST: 194 TREE 290858N/0821251W CHART FAS OBST: 281 TOWER 290726N/0821300W CHART PALATKA 1 MOA, PALATKA 2 MOA. CHART R-2906, R-2907A/B, R-2910. DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.36 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 58110 REFERENCE PATH ID: W36A								
AMBAC (IAF)	TALZA (NOPT) (FB)	093.88 / 5.00	2000									
TUCHO (IAF)	TALZA (NOPT) (FB)	273.98 / 5.00	2000									
TALZA (IF/IAF)	FIBUS (FB)	003.93 / 8.07	1700									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. <u>HOLD S TALZA, RT, 003.93 INBOUND, 2000 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>003.93</u> FAF: <u>FIBUS</u> DIST FAF TO MAP: <u>4.87</u> THLD: <u>4.87</u> 4. MIN. ALT: <u>TALZA 2000, FIBUS 1700</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <u>FIBUS 1700</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>49.8</u> 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 4W EPOCH YEAR: 2000								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	280	3/4	200	280	3/4	200	280	3/4	200	280	3/4	200
LNAV/VNAV DA	563	1 1/4	483	563	1 1/4	483	563	1 1/4	483	563	1 1/4	483
LNAV MDA	540	3/4	460	540	3/4	460	540	3/4	460	540	1	460
CIRCLING	580	1	491	580	1	491	580	1 1/2	491	640	2	551
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAINESVILLE ALTIMETER SETTING AND SEE 8260-10												
CITY AND STATE		ELEVATION: 89 TDZE: 80		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
OCALA, FL		AIRPORT NAME:				RNAV (GPS) RWY 36, AMDT 1		AMDT: ORIG-A				
		OCALA INTL-JIM TAYLOR FLD				15 JAN 2009		DATED 10/05/2000				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

INCREASE LPV DA TO 361, LNAV/VNAV DA TO 644, AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS, AND LNAV CATS C AND D VISIBILITY 1/4 MILE.

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

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV WHEN USING LOCAL ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A AND B VISIBILITY TO 1 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GAINESVILLE ALTIMETER SETTING, INCREASE LNAV CATS A AND B VISIBILITY TO 1 MILE.

TAA

	FROM	TO	ALT
1.	274/30 CW 094/30 (NOPT)	TALZA (IF/IAF) (FB)	2000
2.	094/30 CW 184/30	AMBAC (IAF) (FB)	2500
3.	184/30 CW 274/30	TUCHO (IAF) (FB)	2500

CITY AND STATE

OCALA, FL

ELEVATION: 89

TDZE: 80

AIRPORT NAME:

OCALA INTL-JIM TAYLOR FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

15 JAN 2009

SUP:

AMDT: ORIG-A

DATED: 10/05/2000

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KOCF
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 290935.3755N
LTP/FTP LONGITUDE 0821322.9295W
LTP/FTP ELLIPSOIDAL HEIGHT -00042
FPAP LATITUDE 291043.7600N
FPAP LONGITUDE 0821323.0300W
THRESHOLD CROSSING HEIGHT (TCH) 00049.8
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

7AA1CB47

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00235
FPAP ORTHOMETRIC HEIGHT +00235

CITY AND STATE

OCALA, FL

ELEVATION: 89 TDZE: 80

AIRPORT NAME:

OCALA INTL-JIM TAYLOR FLD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

15 JAN 2009

SUP:

AMDT: ORIG-A

DATED: 10/05/2000

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KOCFK7FR36	AAMBAC	010	AMBACK7EA0E	A	IF					18000		A	JS
SUSAP KOCFK7FR36	AAMBAC	020	TALZAK7EA0EE	010	TF	09390050	+	02000				A	JS
SUSAP KOCFK7FR36	ATALZA	010	TALZAK7EA0EE	CR	HF	00390040	+	02000		18000		A	JS
SUSAP KOCFK7FR36	ATUCHO	010	TUCHOK7EA0E	A	IF					18000		A	JS
SUSAP KOCFK7FR36	ATUCHO	020	TALZAK7EA0EE	051	TF	27400050	+	02000				A	JS
SUSAP KOCFK7FR36	R	010	TALZAK7EA0E	I	IF		+	02000		18000		A	JS
SUSAP KOCFK7FR36	R	020	FIBUSK7EA1E	F	051TF	00390081	+	01700				A	JS
SUSAP KOCFK7FR36	R	020	FIBUSK7EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP KOCFK7FR36	R	030	RW36 K7PG0GY	M	031TF	00390049		00127		-300		A	JS
SUSAP KOCFK7FR36	R	040	CUFJOK7EA0EYM	010	DF			+	02100			A	JS
SUSAP KOCFK7FR36	R	050	CUFJOK7EA0EE	HL0	20HM	18390040	+	02100				A	JS

[illegible][illegible]

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 80	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 15 JAN 2009	SUP:	
	AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD			AMDT:	ORIG-A
				DATED:	10/05/2000

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AMBAC	AMBAC	010	IAF	IF		FB				
	AMBAC	TALZA	020		TF		FB	1.0	093.9 (090T)	005.0	02000
	TALZA	TALZA	010		HF	R	FB		003.9 (360T)	004.0	02000
	TUCHO	TUCHO	010	IAF	IF		FB				
	TUCHO	TALZA	020		TF		FB	0.5	274.0 (270T)	005.0	02000
		TALZA	010	FACF	IF		FB				02000
		FIBUS	020	FAF	TF		FB	0.5	003.9 (360T)	008.1	01700
		RW36	030	MAP	TF		FO	0.3	003.9 (360T)	004.9	00127

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUFJO	040		DF		FO	1.0			02100
	CUFJO	050		HM	L	FO	2.0	183.9 (180T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMBAC	N285636.37	W0821903.79	N2856.606	W08219.063
	CUFJO	N292141.44	W0821323.94	N2921.691	W08213.399
	FIBUS	N290442.23	W0821322.52	N2904.704	W08213.375
	TALZA	N285636.86	W0821321.85	N2856.614	W08213.364
	TUCHO	N285637.11	W0820739.91	N2856.619	W08207.665
	RW36	N290935.38	W0821322.93	N2909.590	W08213.382

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00077	50

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 80	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 15 JAN 2009	SUP:
	AMDT: ORIG-A			
	DATED: 10/05/2000			
AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD				

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 08, 18, 26, 36 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 08, CLIMB HEADING 069 TO 500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREES BEGINNING 316' FROM DER, 527' RIGHT OF CENTERLINE, UP TO 30' AGL/106' MSL.

NOTE: RWY 26, TREES BEGINNING 83' FROM DER, 255' LEFT OF CENTERLINE, UP TO 100' AGL/204' MSL. TREES BEGINNING 272' FROM DER, 10' RIGHT OF CENTERLINE, UP TO 100' AGL/194' MSL.

NOTE: RWY 36, TAXIING AIRCRAFT, 43' FROM DER, 305' RIGHT OF CENTERLINE, UP TO 10' AGL/94' MSL. TREES BEGINNING 196' FROM DER, 500' LEFT OF CENTERLINE, UP TO 70' AGL/164' MSL. TREES BEGINNING 2668' FROM DER, 305' RIGHT OF CENTERLINE, UP TO 70' AGL/162' MSL.

(4) CONTROLLING OBSTACLES:

RWY 08: 564' MSL TOWER, 291040.00N-0820945.00W.

(5) City, State

OCALA, FL.

(6) Airport

OCALA INTL-JIM TAYLOR FLD

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MAP: OCF VORTAC

CLIMB TO 2000 VIA OCF VORTAC R-355 TO LEJKO INT/OCF 10.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.48 INBOUND.
CHART FAS OBST: 321 TOWER 290515N/0821102W
CHART VDP AT 2.74 DME;
DISTANCE VDP TO THLD 1.68 MILES.
FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT R SIDE OF COURSE 173.58 OUTBOUND 1700 FT WITHIN 10 MILES OF OCF VORTAC (IAF)
 2. _____
 3. FAC 353.58 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: OCF VORTAC 2500

MAG VAR: 0E

EPOCH YEAR: 1970

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A				STANDARD @					
CATEGORY =====>		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-36	640	3/4	560	640	3/4	560	640	1	560	640	1 1/4	560				
CIRCLING	640	1	551	640	1	551	640	1 1/2	551	640	2	551				

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GAINESVILLE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-36 CATS C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-36 CATS A AND B VISIBILITY TO 1 MILE.
 CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GAINESVILLE ALTIMETER SETTING, INCREASE S-36 CATS A SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE OCALA, FL	ELEVATION: 89 TDZE: 80	FACILITY IDENTIFIER: OCF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 36, AMDT 18 15 JAN 2009	SUP
	AIRPORT NAME: OCALA INTL-JIM TAYLOR FLD			AMDT 17
				DATE 08/10/2000

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

AND B VISIBILITY TO 1 MILE.

CHART NOTE: VDP NA WHEN USING GAINESVILLE ALTIMETER SETTING.

CITY AND STATE

OCALA, FL

ELEVATION: 89 TDZE: 80

AIRPORT NAME:

OCALA INTL-JIM TAYLOR FLD

FACILITY
IDENTIFIER:

OCF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 36, AMDT 18

15 JAN 2009

SUP:

AMDT: 17

DATED: 08/10/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SARDS	BARBY (FB)	310.19 / 24.64	7000
RABAT	BARBY (FB)	265.50 / 25.54	7000
PLUMB	ZULUD (FB)	104.58 / 11.00	4000
ZULUD	FOGOL (FB)	104.64 / 9.57	4000
BARBY (IAF)	MOBRE (FB)	286.93 / 16.11	2700
FOGOL (IAF)	MOBRE (FB)	144.10 / 5.00	2700
MOBRE (IF)	HEDAT (FB)	234.11 / 6.13	1900

LNAV: RW23

CLIMBING RIGHT TURN TO 4000 DIRECT ZULUD AND HOLD,
CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 104.64 INBOUND.
CHART FAS OBST: 339 TREE 205423N/1562203W
CHART 800 CATENARY 205527N/1562007W.
459 AAO 205456N/1562143W
HEDAT TO RW23: 3.05/50

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT MOBRE
- FAC: 234.07 FAF: HEDAT DIST FAF TO MAP: 5.67 THLD: 5.67
- MIN. ALT: MOBRE 2700, HEDAT 1900, IMEBE/3.50 NM TO RW23 1200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW23 11300

MAG VAR: 11E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		STANDARD @									
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		460	1	443	460	1	443	460	1 1/4	443	460	1 1/2	443			
CIRCLING		520	1	466	560	1	506	620	1 1/2	566	640	2	586			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BARBY VIA V15-22 EASTBOUND AND ARRIVALS AT PLUMB
VIA V6-22 NORTHWEST BOUND.

SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE KAHULUI, HI	ELEVATION: 54 TDZE: 17 AIRPORT NAME: KAHULUI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 15 JAN 2009	SUP: AMDT: ORIG DATED 10/03/2002
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**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33**

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

NOTES CONT.**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.****CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.**

CITY AND STATE KAHULUI, HI	ELEVATION: 54 TDZE: 17 AIRPORT NAME: KAHULUI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG
				DATED: 10/03/2002

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

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ARINC PACKET - 424-18

[illegible][illegible][illegible]

CITY AND STATE KAHULUI, HI	ELEVATION: 54 TDZE: 17 AIRPORT NAME: KAHULUI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG
				DATED: 10/03/2002

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

[illegible]

DATED: 10/03/2002

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PLUMB	PLUMB	010		IF		FB				
	PLUMB	ZULUD	020	IAF	TF		FB	2.0	104.6 (116T)	011.0	04000
	PLUMB	FOGOL	030	IAF	TF		FB	2.0	104.6 (116T)	009.6	04000
	PLUMB	MOBRE	040		TF		FB	1.0	144.1 (155T)	005.0	02700
	RABAT	RABAT	010		IF		FB				
	RABAT	BARBY	020	IAF	TF		FB	2.0	265.5 (277T)	025.5	07000
	RABAT	MOBRE	030		TF		FB	1.0	286.9 (298T)	016.1	02700
	SARDS	SARDS	010		IF		FB				
	SARDS	BARBY	020	IAF	TF		FB	2.0	310.2 (321T)	024.6	07000
	SARDS	MOBRE	030		TF		FB	1.0	286.9 (298T)	016.1	02700
		MOBRE	010	FACF	IF		FB				02700
		HEDAT	020	FAF	TF		FB	0.5	234.1 (245T)	006.1	01900
		IMEBE	021	SDF	TF		FB	0.3	234.1 (245T)	002.2	01200
		RW23	030	MAP	TF		FO	0.3	234.1 (245T)	003.5	00066

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZULUD	040		DF	R	FO				04000
	ZULUD	050		HM	R	FO	2.0	104.6 (116T)	006.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BARBY	N205139.55	W1555847.44	N2051.659	W15558.791
	FOGOL	N210346.33	W1561614.90	N2103.772	W15616.248
	HEDAT	N205637.75	W1561956.34	N2056.629	W15619.939
	IMEBE	N205542.66	W1562202.47	N2055.711	W15622.041
	MOBRE	N205913.22	W1561359.90	N2059.220	W15613.998
	PLUMB	N211242.30	W1563605.35	N2112.705	W15636.089
	RABAT	N204847.66	W1553141.69	N2048.794	W15531.695
	SARDS	N203223.94	W1554218.04	N2032.399	W15542.301
	ZULUD	N210755.97	W1562528.54	N2107.933	W15625.476
	RW23	N205413.75	W1562525.85	N2054.229	W15625.431

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW23	00016		50

CITY AND STATE KAHULUI, HI	ELEVATION: 54 TDZE: 17 AIRPORT NAME: KAHULUI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 1 15 JAN 2009	SUP:
				AMDT: ORIG
				DATED: 10/03/2002

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 2, 5, 20, STANDARD.

RWY 23 NA - ATC.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 2 - CLIMB ON A HEADING BETWEEN 310 CW TO 053 FROM DEPARTURE END OF RUNWAY.

RWY 5 - CLIMB ON A HEADING BETWEEN 307 CW TO 040 FROM DEPARTURE END OF RUNWAY.

RWY 20 - CLIMB ON A HEADING OF 185 FROM DEPARTURE END OF RUNWAY.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 2, BUSH/TREES BEGINNING 190' FROM DER, 362' LEFT OF CENTERLINE, UP TO 60' AGL / 79' MSL. PIPE ON BUILDING 339' FROM DER, 289' RIGHT OF CENTERLINE, 20' AGL / 25' MSL. BUSH BEGINNING 902' FROM DER, 637' RIGHT OF CENTERLINE, UP TO 20' AGL / 39' MSL.

NOTE: RWY 5, TREES 2359' FROM DER, 512' LEFT OF CENTERLINE, 56' AGL / 75' MSL. FENCE BEGINNING 20' FROM DER, 299' RIGHT OF CENTERLINE, UP TO 7' AGL / 31' MSL. BUSH/TREES BEGINNING 291' FROM DER, 300' RIGHT OF CENTERLINE, UP TO 76' AGL / 95' MSL.

NOTE: RWY 20, BUSH 22' FROM DER, 236' RIGHT OF CENTERLINE, 2' AGL / 55' MSL. BUSH/TREES BEGINNING 24' FROM DER, 173' LEFT OF CENTERLINE, UP TO 29' AGL / 68' MSL.

(4) CONTROLLING OBSTACLES:

RWY 2: 10223 MSL AAO 204235.50N-1561546.60W, 1479 MSL AAO 205700.47N-1563155.29W, 939 MSL AAO 205412.06N-1561958.42W.

RWY 5: 10223 MSL AAO 204235.50N-1561546.60W, 1439 MSL AAO 205701.01N-1563154.57W, 800 MSL CATENARY 205527.00N-1562007.00W.

RWY 20: 10223 MSL AAO 204235.50N-1561546.60W, 2439 AAO 2038.0030N-1562332.06W, 1119 AAO 204824.16N-1563118.81W.

(5) City, State

KAHULUI, HI

(6) Airport

KAHULUI

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

6

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

ADDITIONAL FLIGHT DATA:

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

MAG VAR: _____

EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE CLINTON, IA	ELEVATION: 708 TDZE: 708	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: GPS RWY 21, AMDT 1A, 04/20/2000	SUP
	AIRPORT NAME: CLINTON MUNI			AMDT 1
				DATE 1/01/98

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW03 CLIMB TO 2500 DIRECT CUDMA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 209.74 INBOUND. CHART FAS OBST: 706 TREE 414929N/0901956W CHART FAS OBST: 769 TOWER 414807N/0902039W 869 AAO 414703N/0902251W. DISTANCE TO THLD FROM 200 HAT: 0.48 NM. CHART VDP AT 1.05 MILES TO RW03* *LNAV ONLY. WAAS CHANNEL # 69610 REFERENCE PATH ID: W03A								
CVA VORTAC	WOGOG (FO)	161.63 / 3.20	3100									
NOWSO	YESUC (FB)	356.38 / 5.69	3100									
BILOX	YINUT (FB)	104.14 / 18.77	3100									
YESUC (IAF)	WOGOG (NOPT) (FB)	299.63 / 5.00	3100									
YINUT (IAF)	WOGOG (NOPT) (FB)	119.51 / 5.00	3100									
WOGOG (IF/IAF)	ZIPOG (FB)	029.57 / 6.20	2500									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SW WOGOG, RT, 029.57 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: 029.62 FAF: ZIPOG _____ DIST FAF TO MAP: 5.42 THLD: 5.42 4. MIN. ALT: WOGOG 3100, ZIPOG 2500, JUKLO/3.10 NM TO RW03 1740* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2500 GS ALT AT: ZIPOG _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 56.1 34:1 IS CLEAR 8. MSA FROM: RW03 3100				MAG VAR: 0E EPOCH YEAR: 2000								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @							
CATEGORY ==>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	900	1/2	200	900	1/2	200	900	1/2	200		NA	
LNAV/VNAV DA	1039	3/4	339	1039	3/4	339	1039	3/4	339		NA	
LNAV MDA	1020	1/2	320	1020	1/2	320	1020	1/2	320		NA	
CIRCLING	1140	1	432	1200	1	492	1200	1 1/2	492		NA	
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. *LNAV ONLY CHART NOTE: BARO-VNAV AND VDP NA WHEN USING DAVENPORT ALTIMETER SETTING. SEE 8260-10												
CITY AND STATE		ELEVATION: 708 TDZE: 700		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
CLINTON, IA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 3, ORIG		AMDT: NONE				
		CLINTON MUNI				15 JAN 2009		DATED				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVENPORT ALTIMETER SETTING AND INCREASE ALL DA 47 FT AND ALL MDA 60 FT.

CHART PLANVIEW NOTES: PROCEDURE NA FOR ARRIVALS AT BILOX VIA V216 SOUTHWEST BOUND AND FOR ARRIVALS AT CVA VORTAC VIA V63 NORTHBOUND.

CITY AND STATE

CLINTON, IA

ELEVATION: 708 TDZE: 700

AIRPORT NAME:

CLINTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCWI
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	414934.8100N
LTP/FTP LONGITUDE	0901958.9100W
LTP/FTP ELLIPSOIDAL HEIGHT	+01776
FPAP LATITUDE	415019.4900N
FPAP LONGITUDE	0901924.8900W
THRESHOLD CROSSING HEIGHT (TCH)	00056.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	88.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER

E8B0009D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02106
FPAP ORTHOMETRIC HEIGHT	+02106

CITY AND STATE

CLINTON, IA

ELEVATION: 708 TDZE: 700

AIRPORT NAME:

CLINTON MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 3, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KCWIK3FR03	ABILOX	010BILOXK3EA0E	IF						18000			A JS	
SUSAP KCWIK3FR03	ABILOX	020YINUTK3EA0E	A 020TF			10410188		+ 03100				A JS	
SUSAP KCWIK3FR03	ABILOX	030WOGGK3EA0EE	010TF			11950050		+ 03100				A JS	
SUSAP KCWIK3FR03	ACVA	010CVA K3D 0V	IF						18000			A JS	
SUSAP KCWIK3FR03	ACVA	020WOGGK3EA0EY	A 020TF			16160032		+ 03100				A JS	
SUSAP KCWIK3FR03	ACVA	030WOGGK3EA0EB	CR HF			02960040		+ 03100				A JS	
SUSAP KCWIK3FR03	ANOWSO	010NOWSOK5EA0E	IF						18000			A JS	
SUSAP KCWIK3FR03	ANOWSO	020YESUCK3EA0E	A 020TF			35640057		+ 03100				A JS	
SUSAP KCWIK3FR03	ANOWSO	030WOGGK3EA0EE	010TF			29960050		+ 03100				A JS	
SUSAP KCWIK3FR03	R	010WOGGK3EA0E	I IF					+ 03100	18000			A JS	
SUSAP KCWIK3FR03	R	020ZIPOGK3EA1E	F 051TF			02960062		+ 02500			RW03 K3PGA	JS	
SUSAP KCWIK3FR03	R	020ZIPOGK3EA2WALFV		ALNAV/VNAV	ALNAV							JS	
SUSAP KCWIK3FR03	R	021JUKLOK3EA0E	S 031TF			02960023		V 0174001744		-300		A JS	
SUSAP KCWIK3FR03	R	030RW03 K3PGOGY M	031TF			02960031		00747		-300		A JS	

CITY AND STATE CLINTON, IA	ELEVATION: 708 TDZE: 700 AIRPORT NAME: CLINTON MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

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

20970040 + 02500
+ 02500

A JS
A JS

SUSAP KCWIK3GRW03 0052040297 N41493481W090195891+0300 +0177600691000056100I

SUSAP	KCWIK3PR03	RW03	001	0000W03A0N4149348100W09019589100+017760300N4150194900W09019248900088750000000561F400350E8B0009D
SUSAP	KCWIK3PR03	RW03	002E	+02106+02106LPV 69610 000

SUSAP KCWIK3SRW03 K3PG 0 18018003125 M

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BILOX	BILOX	010		IF		FB				
	BILOX	YINUT	020	IAF	TF		FB	2.0	104.1 (104T)	018.8	03100
	BILOX	WOGOG	030		TF		FB	1.0	119.5 (120T)	005.0	03100
	CVA	CVA	010		IF		FB				
	CVA	WOGOG	020	IAF	TF		FO	2.0	161.6 (162T)	003.2	03100
	CVA	WOGOG	030		HF	R	FO		029.6 (030T)	004.0	03100
	NOWSO	NOWSO	010		IF		FB				
	NOWSO	YESUC	020	IAF	TF		FB	2.0	356.4 (356T)	005.7	03100
	NOWSO	WOGOG	030		TF		FB	1.0	299.6 (300T)	005.0	03100
		WOGOG	010	FACF	IF		FB				03100
		ZIPOG	020	FAF	TF		FB	0.5	029.6 (030T)	006.2	02500
		JUKLO	021	SDF	TF		FB	0.3	029.6 (030T)	002.3	01740
		RW03	030	MAP	TF		FO	0.3	029.6 (030T)	003.1	00747

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUDMA	040		DF		FO	1.0			02500
	CUDMA	050		HM	R	FO	2.0	209.7 (210T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CVA	N414230.75	W0902859.90	N4142.513	W09028.998
	BILOX	N414634.09	W0905745.04	N4146.568	W09057.751
	CUDMA	N420010.23	W0901153.69	N4200.171	W09011.895
	JUKLO	N414653.09	W0902201.94	N4146.885	W09022.032
	NOWSO	N413119.43	W0902122.56	N4131.324	W09021.376
	WOGOG	N413928.42	W0902739.18	N4139.474	W09027.653
	YESUC	N413700.16	W0902151.30	N4137.003	W09021.855
	YINUT	N414156.39	W0903327.50	N4141.940	W09033.458
	ZIPOG	N414451.86	W0902334.03	N4144.864	W09023.567
	RW03	N414934.81	W0901958.91	N4149.580	W09019.982

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW03	00691		56

CITY AND STATE
CLINTON, IA

ELEVATION: 708 TDZE: 700
 AIRPORT NAME:
 CLINTON MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 3, ORIG
 15 JAN 2009

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW21 CLIMB TO 2500 DIRECT WIKES AND RIGHT TURN VIA 309.78 TRACK TO CIDSO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 066.79 INBOUND. CHART FAS OBST: 869 TREE 415216N/0901849W XOLDY TO RW21: 3.04/35.
CIDSO	BABAW (FB)	066.79 / 17.08	2500	
BABAW (IAF)	CUDMA (NOPT) (FB)	119.67 / 5.00	2500	
PACAF (IAF)	CUDMA (NOPT) (FB)	284.22 / 11.85	2500	
WACKS (IAF)	CUDMA (NOPT) (FB)	216.42 / 11.63	2500	
CUDMA (IF/IAF)	XOLDY (FB)	209.74 / 6.20	2400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE CUDMA, RT, 209.74 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
- FAC: 209.70 FAF: XOLDY DIST FAF TO MAP: 5.13 THLD: 5.13
- MIN. ALT: CUDMA 2500, XOLDY 2400, OYUYA/2.50 NM TO RW21 1540
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW21 3100

MAG VAR: 0E EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1220	1	512	1220	1	512	1220	1 1/2	512		NA				
CIRCLING	1220	1	512	1220	1	512	1220	1 1/2	512		NA				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WACKS VIA V216 NORTHEAST BOUND.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVENPORT ALTIMETER SETTING AND INCREASE ALL MDA 60 FT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 708 TDZE: 708	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 15 JAN 2009	SUP:
CLINTON, IA	AIRPORT NAME: CLINTON MUNI			AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

CITY AND STATE

CLINTON, IA

ELEVATION: 708 TDZE: 708

AIRPORT NAME:

CLINTON MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CIDSO	CIDSO	010		IF		FB				
	CIDSO	BABAW	020	IAF	TF		FB	2.0	066.8(067T)	017.1	02500
	CIDSO	CUDMA	030		TF		FB	1.0	119.7(120T)	005.0	02500
	CUDMA	CUDMA	010		HF	R	FB		209.7(210T)	004.0	02500
	PACAF	PACAF	010	IAF	IF		FB				
	PACAF	CUDMA	020		TF		FB	1.0	284.2(284T)	011.9	02500
	WACKS	WACKS	010	IAF	IF		FB				
	WACKS	CUDMA	020		TF		FB	1.0	216.4(216T)	011.6	02500
		CUDMA	010	FACF	IF		FB				02500
		XOLDY	020	FAF	TF		FB	0.5	209.7(210T)	006.2	02400
		OYUYA	021	SDF	TF		FB	0.3	209.7(210T)	002.6	01540
		RW21	030	MAP	TF		FO	0.3	209.7(210T)	002.5	00742

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WIKES	040		DF		FB	1.0			
	CIDSO	050		TF	R	FO	1.0	309.8(310T)		02500
	CIDSO	060		HM	R	FO	2.0	066.8(067T)	004.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BABAW	N420238.96	W0901743.30	N4202.649	W09017.722
	CIDSO	N415556.90	W0903847.32	N4155.948	W09038.789
	CUDMA	N420010.23	W0901153.69	N4200.171	W09011.895
	OYUYA	N415229.88	W0901745.53	N4152.498	W09017.759
	PACAF	N415716.54	W0895629.61	N4157.276	W08956.494
	WACKS	N420932.51	W0900237.87	N4209.542	W09002.631
	WIKES	N414558.63	W0902243.28	N4145.977	W09022.721
	XOLDY	N415447.13	W0901600.80	N4154.786	W09016.013
	RW21	N415019.49	W0901924.89	N4150.325	W09019.415

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW21	00707 35

CITY AND STATE
CLINTON, IA

ELEVATION: 708 TDZE: 708
 AIRPORT NAME:
 CLINTON MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMD NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 21, ORIG
 15 JAN 2009

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, 14, 21, 32, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, OL ON DME 388' FROM DER, 264' LEFT OF CENTERLINE, 11' AGL/ 720' MSL. NOTE: RWY 14, TREE 4,799' FROM DER, 1,703' LEFT OF CENTERLINE, 100' AGL/ 819' MSL. FENCE 168' FROM DER, 121' LEFT OF CENTERLINE 6' AGL/ 695' MSL. FENCE 289' FROM DER, 36' LEFT OF CENTERLINE, 11' AGL/ 700' MSL. NOTE: RWY 21, TREE 406' FROM DER, 500' LEFT OF CENTERLINE, 17' AGL/ 706' MSL. NOTE: RWY 32, ANT ON HOPPER 1,315' FROM DER, 851' LEFT OF CENTERLINE, 82' AGL/ 781' MSL. TREES BEGINNING 1,303' FROM DER, 449' LEFT OF CENTERLINE, UP TO 68' AGL/ 767' MSL. VEHICLE ON ROAD 201' FROM DER, 227' LEFT OF CENTERLINE, 15' AGL/ 716' MSL. VEHICLE ON ROAD 509' FROM DER, 9' LEFT OF CENTERLINE, 15' AGL/ 718' MSL. VEHICLE ON ROAD 1,281' FROM DER, 554' RIGHT OF CENTERLINE, 15' AGL/ 734' MSL. FENCE BEGINNING 170' FROM DER, 101' RIGHT OF CENTERLINE UP TO 8' AGL/ 707' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

CLINTON, IA

(6) Airport

CLINTON MUNI

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

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

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TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MAP: 9.77 MILES AFTER CVA VORTAC OR AT CVA 9.77 DME FIX

CLIMB TO 3000 THEN LEFT TURN DIRECT CVA VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

**HOLD SW, LT, 039.63 INBOUND.
FAS OBST: 869 AAO 414703N/0902251W
969 AAO 414231N/0902832W.
CHART VDP AT 8.55 DME;
DISTANCE VDP TO THLD 1.22 MILES.**

1. PT R SIDE OF COURSE 219.63 OUTBOUND 3000 FT WITHIN 10 MILES OF CVA VORTAC (IAF)
2. _____
3. FAC 039.63 FAF CVA VORTAC DIST FAF TO MAP 9.77 THLD 9.77
4. MIN. ALT CVA VORTAC 2300, YINUN/5.97 DME 1340*
8. MSA FROM: CVA VORTAC 090-270 3100, 270-090 2300

MAG VAR: 4E

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A				STANDARD @					
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-3		1340	1	640	1340	1	640	1340	1 3/4	640		NA				
CIRCLING		1340	1	632	1340	1	632	1340	1 3/4	632		NA				

YINUN MINIMUMS

S-3	1120	1	420	1120	1	420	1120	1 1/4	420		NA				
CIRCLING	1140	1	432	1200	1	492	1200	1 1/2	492		NA				

NOTES:

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.

* 1400 WHEN USING DAVENPORT ALTIMETER SETTING.

CHART NOTE: VDP NA WHEN USING DAVENPORT ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVENPORT ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND VISIBILITY S-3 CAT C AND CIRCLING CAT C 1/4 MILE.

© NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE CLINTON, IA	ELEVATION: 708 TDZE: 700 AIRPORT NAME: CLINTON MUNI	FACILITY IDENTIFIER: CVA	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 3, AMDT 15 15 JAN 2009	SUP VOR OR GPS RWY 3 AMDT 14 DATE 01/01/1998
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

CITY AND STATE

CLINTON, IA

ELEVATION: 708

TDZE: 700

AIRPORT NAME:

CLINTON MUNI

FACILITY
IDENTIFIER:

CVA

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR RWY 3, AMDT 15

15 JAN 2009

SUP: VOR OR GPS RWY 3

AMDT: 14

DATED: 01/01/1998

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
WETIN (IAF)	JISNA (NOPT) (FB)	128.17 / 5.00	2700	LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 2400 DIRECT FANUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 218.43 INBOUND. FAS OBST: 909 AAO 395319N/0911407W 919 AAO 395234.16N/0911450.85W DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.14 MILES TO RW04* *LNAV ONLY. WAAS CHANNEL # 53510 REFERENCE PATH ID: W04A CHART: PRUITT A AND B MOA. CHART: HOWARD WEST AND EAST MOA.				
UKUCU (IAF)	JISNA (NOPT) (FB)	308.27 / 5.00	2700					
JISNA (IF/IAF)	WUSIS (FB)	038.22 / 6.20	2100					
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW JISNA, RT, 038.22 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 038.27 FAF: WUSIS DIST FAF TO MAP: 4.05 THLD: 4.05 4. MIN. ALT: JISNA 2700, WUSIS 2100 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: 2100 GS ALT AT: WUSIS OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 41.3 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 2E EPOCH YEAR: 1985				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	960	1/2	200	960	1/2	200	960	1/2
LNAV/VNAV DA	1139	3/4	379	1139	3/4	379	1139	3/4
LNAV MDA	1160	1/2	400	1160	1/2	400	1160	1
CIRCLING	1180	1	411	1220	1	451	1320	2
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV CAT D VISIBILITY TO 1 1/4 MILES. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND SEE 8260-10								
CITY AND STATE		ELEVATION: 769 TDZE: 760		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
QUINCY, IL		AIRPORT NAME: QUINCY RGNL-BALDWIN FIELD				RNAV (GPS) RWY 4, ORIG 15 JAN 2009		AMDT: NONE
								DATED

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

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

NOTES CONT.

INCREASE ALL DA 70 FEET AND ALL MDA 80 FEET. INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV CAT C 1/4 MILE.

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

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

TAA

	FROM	TO	ALT
1.	308/30 CW 128/30 (NOPT)	JISNA (IF/IAF) (FB)	2700
2.	128/30 CW 218/30	WETIN (IAF) (FB)	2700
3.	218/30 CW 308/30	UKUCU (IAF) (FB)	2700

CITY AND STATE

QUINCY, IL

ELEVATION: 769

TDZE: 760

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

15 JAN 2009

SUP:

AMDT:

NONE

DATED:

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KUIN
RUNWAY RW04
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W04A
REFERENCE PATH IDENTIFIER (APPROACH ID) 395610.1210N
LTP/FTP LATITUDE 0911158.4275W
LTP/FTP LONGITUDE +01978
LTP/FTP ELLIPSOIDAL HEIGHT 395703.6200N
FPAP LATITUDE 0911059.4500W
FPAP LONGITUDE 00041.3
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0000
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 35.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

4E91F9A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02303
FPAP ORTHOMETRIC HEIGHT +02303

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 760

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE QUINCY, IL	ELEVATION: 769 TDZE: 760	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: QUINCY RGNL-BALDWIN FIELD			AMDT: NONE
				DATED:

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

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

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 760

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JISNA	JISNA	010		HF	R	FB		038.2(040T)	004.0	02700
	UKUCU	UKUCU	010	IAF	IF		FB				
	UKUCU	JISNA	020		TF		FB	1.0	308.3(310T)	005.0	02700
	WETIN	WETIN	010	IAF	IF		FB				
	WETIN	JISNA	020		TF		FB	1.0	128.2(130T)	005.0	02700
		JISNA	010	FACF	IF		FB				02700
		WUSIS	020	FAF	TF		FB	0.5	038.2(040T)	006.2	02100
		RW04	030	MAP	TF		FO	0.3	038.3(040T)	004.1	00797

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FANUT	040		DF		FO	1.0			02400
	FANUT	050		HM	R	FO	2.0	218.4(220T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FANUT	N400612.55	W0910052.32	N4006.209	W09100.872
	JISNA	N394820.46	W0912034.69	N3948.341	W09120.578
	UKUCU	N394506.48	W0911537.68	N3945.108	W09115.628
	WETIN	N395134.23	W0912532.16	N3951.571	W09125.536
	WUSIS	N395304.80	W0911522.46	N3953.080	W09115.374
	RW04	N395610.12	W0911158.43	N3956.169	W09111.974

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW04	00756 41

CITY AND STATE
 QUINCY, IL

ELEVATION: 769 TDZE: 760
 AIRPORT NAME:
 QUINCY RGNL-BALDWIN FIELD

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 4, ORIG
 15 JAN 2009

SUP:
 AMDT: NONE
 DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 2700 DIRECT UYAPI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.43 INBOUND. CHART FAS OBST: 869 TREE 395651N/0911201W CHART FAS OBST: 869 TREE 395630N/0911208W DISTANCE TO THLD FROM 349 HAT: 0.96 NM. CHART VDP AT 1.02 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 65910 REFERENCE PATH ID: W13A CHART: PRUITT A AND B MOA. CHART: HOWARD WEST AND EAST MOA.								
JUVLI (IAF)	TAVSE (NOPT) (FB)	223.25 / 5.00	2700									
ZOGOS (IAF)	TAVSE (NOPT) (FB)	043.15 / 5.00	2700									
TAVSE (IF/IAF)	BIPZE (FB)	133.20 / 6.20	2400									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW TAVSE, RT, 133.20 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 133.26 FAF: BIPZE _____ DIST FAF TO MAP: 4.92 THLD: 4.92 4. MIN. ALT: TAVSE 2700, BIPZE 2400, YIPUS/2.50 NM TO RW13 1600* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: BIPZE _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR 8. MSA FROM: _____				MAG VAR: 2E EPOCH YEAR: 1985								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1116	1 1/4	349	1116	1 1/4	349	1116	1 1/4	349	1116	1 1/4	349
LNAV/VNAV DA	1139	1 1/4	372	1139	1 1/4	372	1139	1 1/4	372	1139	1 1/4	372
LNAV MDA	1120	1	353	1120	1	353	1120	1	353	1120	1 1/4	353
CIRCLING	1180	1	411	1220	1	451	1220	1 1/2	451	1320	2	551
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH GLIDEPATH NOT COINCIDENT. *LNAV ONLY SEE 8260-10												
CITY AND STATE		ELEVATION: 769 TDZE: 767		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
QUINCY, IL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 13, ORIG		AMDT: NONE				
		QUINCY RGNL-BALDWIN FIELD				15 JAN 2009		DATED				

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

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

NOTES CONT.

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

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

TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	043/30 CW 223/30 (NOPT)	TAVSE (IF/IAF) (FB)	2700
2.	223/30 CW 313/30	JUVLI (IAF) (FB)	2700
3.	313/30 CW 043/30	ZOGOS (IAF) (FB)	2700

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 767

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUIN
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	395645.0010N
LTP/FTP LONGITUDE	0911201.8890W
LTP/FTP ELLIPSOIDAL HEIGHT	+02007
FPAP LATITUDE	395541.6000N
FPAP LONGITUDE	0911040.4400W
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	1104
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

9E4AEE7C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02333
FPAP ORTHOMETRIC HEIGHT	+02333

CITY AND STATE
QUINCY, IL

ELEVATION: 769 TDZE: 767
AIRPORT NAME:
QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

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

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

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

SUSAP KUINK5PR13 RW13 001 0000W13A0N3956450010W09112018890+020070300N3955416000W09110404400106751104000450F4005009E4AEE7C
SUSAP KUINK5PR13 RW13 002E +02333+02333LPV 65910 000

CITY AND STATE
QUINCY, IL

ELEVATION: 769 TDZE: 767
AIRPORT NAME:
QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUVLI	JUVLI	010	IAF	IF		FB				
	JUVLI	TAVSE	020		TF		FB	1.0	223.3 (225T)	005.0	02700
	TAVSE	TAVSE	010		HF	R	FB		133.2 (135T)	004.0	02700
	ZOGOS	ZOGOS	010	IAF	IF		FB				
	ZOGOS	TAVSE	020		TF		FB	1.0	043.2 (045T)	005.0	02700
		TAVSE	010	FACF	IF		FB				02700
		BIPZE	020	FAF	TF		FB	0.5	133.2 (135T)	006.2	02400
		YIPUS	021	SDF	TF		FB	0.3	133.3 (135T)	002.4	01600
		RW13	030	MAP	TF		FO	0.3	133.3 (135T)	002.5	00810

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	UYAPI	040		DF		FO	1.0			02700
	UYAPI	050		HM	R	FO	2.0	313.4 (315T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIPZE	N400015.13	W0911632.31	N4000.252	W09116.539
	JUVLI	N400810.70	W0911735.61	N4008.178	W09117.594
	TAVSE	N400439.24	W0912213.16	N4004.654	W09122.219
	UYAPI	N394811.42	W0910103.89	N3948.190	W09101.065
	YIPUS	N395831.70	W0911419.11	N3958.528	W09114.319
	ZOGOS	N400107.60	W0912650.24	N4001.127	W09126.837
	RW13	N395645.00	W0911201.89	N3956.750	W09112.032

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00765	45

CITY AND STATE
QUINCY, IL

ELEVATION: 769 TDZE: 767
AIRPORT NAME:
QUINCY RGNL-BALDWIN FIELD

**FACILITY
 IDENTIFIER:**
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

QUALITY
 2
 CHECKED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 2700 DIRECT TAVSE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 133.20 INBOUND. CHART FAS OBST: 870 TREE 395521N/0911045W CHART FAS OBST: 879 TREE 395623N/0911045W DISTANCE TO THLD FROM 288 HAT: 0.78 NM. CHART VDP AT 1.04 MILES TO RW31**LNAV ONLY. WAAS CHANNEL # 61210 REFERENCE PATH ID: W31A CHART: HOWARD WEST AND EAST MOA. CHART: PRUITT A AND B MOA.								
ZIMOK (IAF)	UYAPI (NOPT) (FB)	043.38 / 5.00	2700									
WEKIK (IAF)	UYAPI (NOPT) (FB)	223.48 / 5.00	2700									
UYAPI (IF/IAF)	BIVEW (FB)	313.43 / 6.20	2400									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE UYAPI, RT, 313.43 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 313.37 FAF: BIVEW _____ DIST FAF TO MAP: 4.93 THLD: 4.93 4. MIN. ALT: UYAPI 2700, BIVEW 2400, WIRUG/2.50 NM TO RW31 1600* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: BIVEW _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.1 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 2E EPOCH YEAR: 1985								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1057	1	288	1057	1	288	1057	1	288	1057	1	288
LNAV/VNAV DA	1168	1 1/2	399	1168	1 1/2	399	1168	1 1/2	399	1168	1 1/2	399
LNAV MDA	1140	1	371	1140	1	371	1140	1	371	1140	1 1/4	371
CIRCLING	1180	1	411	1220	1	451	1220	1 1/2	451	1320	2	551
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY SEE 8260-10												
CITY AND STATE		ELEVATION: 769 TDZE: 769		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
QUINCY, IL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, ORIG		AMDT: NONE				
		QUINCY RGNL-BALDWIN FIELD				15 JAN 2009		DATED				

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

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

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

TAA

	FROM	TO	ALT
1.	223/30 CW 043/30 (NOPT)	UYAPI (IF/IAF) (FB)	2700
2.	043/30 CW 133/30	ZIMOK (IAF) (FB)	2700
3.	133/30 CW 223/30	WEKIK (IAF) (FB)	2700

CITY AND STATE

QUINCY, IL

ELEVATION: 769

TDZE: 769

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KUIN
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 395607.0805N
LTP/FTP LONGITUDE 0911113.1715W
LTP/FTP ELLIPSOIDAL HEIGHT +02017
FPAP LATITUDE 395710.4800N
FPAP LONGITUDE 0911234.6400W
THRESHOLD CROSSING HEIGHT (TCH) 00040.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1104
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

D431D578

ADDITIONAL PATH POINT RECORD INFORMATION

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

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 769

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

DATED:

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

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

SUSAP KUINK5PR31 RW31 001 0000W31A0N3956J70805W09111131715+020170300N3957104800W09112346400106751104000401F400500D431D578
SUSAP KUINK5PR31 RW31 002E +02343+02343LPV 61210 000

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 769

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

QUINCY
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	UYAPI	UYAPI	010		HF	R	FB		313.4(315T)	004.0	02700
	WEKIK	WEKIK	010	IAF	IF		FB				
	WEKIK	UYAPI	020		TF		FB	1.0	223.5(226T)	005.0	02700
	ZIMOK	ZIMOK	010	IAF	IF		FB				
	ZIMOK	UYAPI	020		TF		FB	1.0	043.4(045T)	005.0	02700
		UYAPI	010	FACF	IF		FB				02700
		BIVEW	020	FAF	TF		FB	0.5	313.4(315T)	006.2	02400
		WIRUG	021	SDF	TF		FB	0.3	313.4(315T)	002.4	01600
		RW31	030	MAP	TF		FO	0.3	313.4(315T)	002.5	00809

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TAVSE	040		DF		FO	1.0			02700
	TAVSE	050		HM	R	FO	2.0	133.2(135T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIVEW	N395236.54	W0910643.05	N3952.609	W09106.718
	TAVSE	N400439.24	W0912213.16	N4004.654	W09122.219
	UYAPI	N394811.42	W0910103.89	N3948.190	W09101.065
	WEKIK	N395142.03	W0905626.35	N3951.701	W09056.439
	WIRUG	N395420.32	W0910856.11	N3954.339	W09108.935
	ZIMOK	N394440.62	W0910540.96	N3944.677	W09105.683
	RW31	N395607.08	W0911113.17	N3956.118	W09111.220

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION
	RWY	TCH
	RW31	00769 40

CITY AND STATE
QUINCY, IL

ELEVATION: 769 TDZE: 769
 AIRPORT NAME:
 QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 31, ORIG
 15 JAN 2009

SUP:
 AMDT: NONE
 DATED:

QUINCY
RECORDED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES						MISSED APPROACH										
FROM		TO		COURSE AND DISTANCE		ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 2700 DIRECT JUPIM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 177.32 INBOUND. CHART FAS OBST: 879 TREE 395548N/0911110W 999 AAO 395127N/0911108W DISTANCE TO THLD FROM 314 HAT: 0.85 NM. CHART VDP AT 1.06 MILES TO RW36* *LNAV ONLY. WAAS CHANNEL # 97610 REFERENCE PATH ID: W36A CHART: PRUITT A AND B MOA. CHART: HOWARD WEST AND EAST MOA.								
VURUY (IAF)		HOSNO (NOPT) (FB)		087.25 / 5.00		2700										
HURAP (IAF)		HOSNO (NOPT) (FB)		267.39 / 5.00		2700										
HOSNO (IF/IAF)		UCUKI (FB)		357.32 / 6.20		2400										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S HOSNO, RT, 357.32 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 357.32 FAF: UCUKI DIST FAF TO MAP: 4.95 THLD: 4.95 4. MIN. ALT: HOSNO 2700, UCUKI 2400 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: UCUKI OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR 8. MSA FROM: _____						MAG VAR: 2E EPOCH YEAR: 1985										
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N/A		STANDARD @						
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1073	1	314	1073	1	314	1073	1	314	1073	1	314			
LNAV/VNAV DA		1181	1 1/2	422	1181	1 1/2	422	1181	1 1/2	422	1181	1 1/2	422			
LNAV MDA		1140	1	381	1140	1	381	1140	1	381	1140	1 1/4	381			
CIRCLING		1180	1	411	1220	1	451	1220	1 1/2	451	1320	2	551			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND SEE 8260-10																
CITY AND STATE		ELEVATION: 769 TDZE: 759			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
QUINCY, IL		AIRPORT NAME:			RNAV			RNAV (GPS) RWY 36, ORIG 15 JAN 2009				AMDT: NONE				
		QUINCY RGNL-BALDWIN FIELD										DATED				

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE; WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE ALL DA 70 FEET AND ALL MDA 80 FEET. INCREASE LPV AND LNAV-VNAV VISIBILITY ALL CATS 1/4 MILE; INCREASE LNAV VISIBILITY CAT C, D 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	267/30 CW 087/30 (NOPT)	HOSNO (IF/IAF) (FB)	2700
2.	087/30 CW 177/30	VURUY (IAF) (FB)	2700
3.	177/30 CW 267/30	HURAP (IAF) (FB)	2700

CITY AND STATE

QUINCY, IL

ELEVATION: 769

TDZE: 759

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KUIN
RUNWAY RW36
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W36A
LTP/FTP LATITUDE 395614.3650N
LTP/FTP LONGITUDE 0911156.8110W
LTP/FTP ELLIPSOIDAL HEIGHT +01981
FPAP LATITUDE 395743.5300N
FPAP LONGITUDE 0911158.1900W
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 1104
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E8B7ADBB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02307
FPAP ORTHOMETRIC HEIGHT +02307

CITY AND STATE

QUINCY, IL

ELEVATION: 769 TDZE: 759

AIRPORT NAME:

QUINCY RGNL-BALDWIN FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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[illegible]

CITY AND STATE QUINCY, IL	ELEVATION: 769	TDZE: 759	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 15 JAN 2009	SUP:	
	AIRPORT NAME:				AMDT:	NONE
	QUINCY RGNL-BALDWIN FIELD				DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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CITY AND STATE QUINCY, IL	ELEVATION: 769 TDZE: 759 AIRPORT NAME: QUINCY RGNL-BALDWIN FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HOSNO	HOSNO	010		HF	R	FB		357.3 (359T)	004.0	02700
	HURAP	HURAP	010	IAF	IF		FB				
	HURAP	HOSNO	020		TF		FB	1.0	267.4 (269T)	005.0	02700
	VURUY	VURUY	010	IAF	IF		FB				
	VURUY	HOSNO	020		TF		FB	1.0	087.3 (089T)	005.0	02700
		HOSNO	010	FACF	IF		FB				02700
		UCUKI	020	FAF	TF		FB	0.5	357.3 (359T)	006.2	02400
		RW36	030	MAP	TF		FO	0.3	357.3 (359T)	005.0	00802

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUPIM	040		DF		FO	1.0			02700
	JUPIM	050		HM	R	FO	2.0	177.3 (179T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HOSNO	N394504.97	W0911146.52	N3945.083	W09111.775
	HURAP	N394508.35	W0910517.57	N3945.139	W09105.293
	JUPIM	N400817.19	W0911207.98	N4008.287	W09112.133
	UCUKI	N395117.14	W0911152.23	N3951.286	W09111.871
	VURUY	N394501.23	W0911815.46	N3945.021	W09118.258
	RW36	N395614.37	W0911156.81	N3956.240	W09111.947

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00757	45

CITY AND STATE QUINCY, IL	ELEVATION: 769 TDZE: 759	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: QUINCY RGNL-BALDWIN FIELD			AMDT: NONE
				DATED:

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7 QUALITY
2
CHECKED

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

PAGE 1 OF 1 PAGES

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ADDITIONAL FLIGHT DATA:
HOLD S, RT, 007.00 INBOUND.
CHART FAS OBST: 907 TOWER 450152N/0833504W
CHART: PIKE WEST MOA
FELPS LOM TO RW01: 3.11/52

MAG VAR: 7W EPOCH YEAR: 1985

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		X							
CATEGORY =====>	A			B			C			D			E						
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-1	1280	3/4	595	1280	3/4	595	1280	1	595	1280	1 1/2	595							
CIRCLING	1280	1	591	1280	1	591	1280	1 1/2	591	1280	2	591							

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROGER CITY ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND CAT C AND D VISIBILITY 1/4 MILE

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

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 01,07,19,25, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01, TREE 2293' FROM DER, 525' LEFT OF CENTERLINE, 100' AGL/749' MSL. NOTE: RWY 07, TREES BEGINNING 858' FROM DER, 567' RIGHT OF CENTERLINE UP TO 100' AGL/774' MSL. TREES BEGINNING 1059 FROM DER, 166' LEFT OF CENTERLINE UP TO 100' AGL/769' MSL.

NOTE: RWY 19, TREES BEGINNING 1789' FROM DER. 270' LEFT OF CENTERLINE UP TO 100' AGL/779' MSL. TREES BEGINNING 1049' FROM DER, 777' RIGHT OF CENTERLINE UP TO 100' AGL/789' MSL. VENT ON CABLE 44' FROM DER, 147' LEFT OF CENTERLINE UP TO 25' AGL/685' MSL.

NOTE: RWY 25, TREES BEGINNING 652' FROM DER, 53' LEFT OF CENTERLINE UP TO 100' AGL/755' MSL. TREES BEGINNING 1021' FROM DER, 275' RIGHT OF CENTERLINE UP TO 100' AGL/751' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

ALPENA, MI

(6) Airport

ALPENA COUNTY REGIONAL

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 869 TDZE: 868 AIRPORT NAME: CRYSTAL	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 14L, ORIG-C, 06/05/2008	SUP AMDT ORIG-B DATE 09/21/1998
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QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PIKAW (IAF)	OYNOP (NOPT) (FB)	049.25 / 7.39	3000	LNAV: RW14L CLIMBING LEFT TURN TO 2700 DIRECT GEP VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 166.00 INBOUND. CHART FAS OBST: 1064 TOWER 450616N/0932355W ZUNBE TO RW14L: 3.04/40
ZAPIN (IAF)	OYNOP (NOPT) (FB)	181.85 / 10.76	3000	
OYNOP (IF/IAF)	ZUNBE (FB)	139.29 / 6.10	2500	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD NW OYNOP, RT, 139.29 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
 3. FAC: 139.36 FAF: ZUNBE DIST FAF TO MAP: 4.93 THLD: 4.93
 4. MIN. ALT: OYNOP 3000, ZUNBE 2500
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: GS ALT AT: OM: MM: IM:
 7. GS ANGLE: TCH: 34:1 IS NOT CLEAR
 8. MSA FROM: RW14L 3500

MAG VAR: 2E

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A			STANDARD @						
CATEGORY ==>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		1380	1	512	1380	1	512	1380	1 1/2	512	1380	1 3/4	512			
CIRCLING		1380	1	511	1380	1	511	1380	1 1/2	511	1460	2	591			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ANOKA COUNTY-BLAINE ARPT (JANES FIELD)
 ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 869 TDZE: 868 AIRPORT NAME: CRYSTAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14L, ORIG 15 JAN 2009	SUP: AMDT: NONE DATED
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QUALITY
CHECKED

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

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NOTES CONT.**CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.****CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PIKAW VIA V78 WESTBOUND, AND ARRIVALS AT ZAPIN VIA V82-161 NORTHBOUND.**

CITY AND STATE

MINNEAPOLIS, MN

ELEVATION: 869 TDZE: 868

AIRPORT NAME:

CRYSTAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14L, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

6
CHECKED

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMICK3SRW14LK3PG 0 18018003525 M

CITY AND STATE MINNEAPOLIS, MN	ELEVATION: 869 TDZE: 868 AIRPORT NAME: CRYSTAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14L, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OYNOP	OYNOP	010		HF	R	FB		139.3 (141T)	004.0	03000
	OYNOP	ZAPIN	010	IAF	IF		FB				
	OYNOP	OYNOP	020		TF		FB	1.0	181.9 (184T)	010.8	03000
	PIKAW	PIKAW	010	IAF	IF		FB				
	PIKAW	OYNOP	020		TF		FB	1.0	049.3 (051T)	007.4	03000
		OYNOP	010	FACF	IF		FB				03000
		ZUNBE	020	FAF	TF		FB	0.5	139.3 (141T)	006.1	02500
		RW14L	030	MAP	TF		FO	0.3	139.4 (141T)	004.9	00908

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GEP	040		DF	L	FO	1.0			02700
	GEP	050		HM	L	FO	2.0	166.0 (168T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEP	N450844.50	W0932223.50	N4508.742	W09322.392
	OYNOP	N451230.78	W0933108.71	N4512.513	W09331.145
	PIKAW	N450753.41	W0933918.10	N4507.890	W09339.302
	ZAPIN	N452314.76	W0933007.35	N4523.246	W09330.123
	ZUNBE	N450745.22	W0932545.60	N4507.754	W09325.760
	RW14L	N450353.98	W0932124.83	N4503.900	W09321.414

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14L	00868	40

CITY AND STATE
MINNEAPOLIS, MNELEVATION: 869 TDZE: 868
AIRPORT NAME:
CRYSTALFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14L, ORIG
15 JAN 2009SUP:
AMDT: NONE
DATED:

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

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TERMINAL ROUTES

MISSED APPROACH

FROM

TO

COURSE AND DISTANCE

ALTITUDE

ADDITIONAL FLIGHT DATA:

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

2. _____

3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____

4. MIN. ALT _____

8. MSA FROM: _____

MAG VAR: _____

EPOCH YEAR: _____

TAKEOFF: _____

STANDARD _____

SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: N A _____

CATEGORY =====>

A

B

C

D

E

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

MDA

VIS

HAT/HAA

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE

RUSHFORD, MN

ELEVATION: 1211

TDZE:

AIRPORT NAME:

RUSHFORD MUNI

FACILITY
IDENTIFIER:
GPS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

GPS RWY 34, ORIG, 09/09/1999

SUP

AMDT

NONE

DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
FALAR	NASNY (FB)	311.75 / 7.97	3000	LNAV: RW34				
NASNY (IAF)	JADDU (NOPT) (FB)	250.72 / 5.00	2800					
PEDSY (IAF)	JADDU (NOPT) (FB)	070.57 / 4.84	2800	CLIMB TO 3000 DIRECT HIMBO AND VIA 257.46 TRACK TO DLANY AND HOLD.				
JADDU (IF/IAF)	FEEGS (FB)	340.64 / 6.10	2800					
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 260.39 INBOUND. CHART FAS OBST: 1319 TREE 434827N/0914940W CHART: 1359 TREE 434629N/0914812W JIMSI TO RW34: 3.04/40				
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLDS JADDU, RT, 340.64 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: 340.60 FAF: FEEGS _____ DIST FAF TO MAP: 4.89 THLD: 4.89 4. MIN. ALT: JADDU 2800, FEEGS 2800, JIMSI/2.30 NM TO RW34 1960 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: RW34 3500								
				MAG VAR: 1E EPOCH YEAR: 1995				
MINIMUMS								
TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒			
CATEGORY =====>	A		B		C		D	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LNAV MDA	1620	1	411	1620	1	411	1620	1 1/4
CIRCLING	1720	1	509	1720	1	509	1720	1 1/2
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: USE PRESTON ALTIMETER SETTING, WHEN NOT RECEIVED USE WINONA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FALAR VIA V24 EASTBOUND AND V246 SOUTHBOUND.								
CITY AND STATE		ELEVATION: 1211 TDZE: 1209		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
RUSHFORD, MN		AIRPORT NAME: RUSHFORD MUNI				RNAV (GPS) RWY 34, ORIG		AMDT: NONE
						15 JAN 2009		DATED

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 55Y K3FR34	AJADDU	010JADDUK3EA0EE	CR	HF			34060040	+	02800	18000		B	JS
SUSAP 55Y K3FR34	ANASNY	010FALARK3EA0E		IF						18000		B	JS
SUSAP 55Y K3FR34	ANASNY	020NASNYK3EA0E	A	020TF			31180080	+	03000			B	JS
SUSAP 55Y K3FR34	ANASNY	030JADDUK3EA0EE		010TF			25070050	+	02800			B	JS
SUSAP 55Y K3FR34	APEDSY	010PEDSYK3EA0E	A	IF						18000		B	JS
SUSAP 55Y K3FR34	APEDSY	020JADDUK3EA0EE		010TF			07060048	+	02800			B	JS
SUSAP 55Y K3FR34	R	010JADDUK3EA0E	I	IF				+	02800	18000		B	JS
SUSAP 55Y K3FR34	R	020FEEGSK3EA1E	F	051TF			34060061	+	02800		RW34	K3PGB	JS
SUSAP 55Y K3FR34	R	020FEEGSK3EA2WN			N	ALNAV							JS
SUSAP 55Y K3FR34	R	021JIMSIK3EA0E	S	031TF			34060026	V	0196001961		-304		B JS
SUSAP 55Y K3FR34	R	030RW34	K3PGOGY	M	031TF		34060023		01223		-304		B JS
SUSAP 55Y K3FR34	R	040HIMBOK3EA0E	M	010DF									B JS
SUSAP 55Y K3FR34	R	050DLANYK3EA0EY		010DF			2575	+	03000				B JS
SUSAP 55Y K3FR34	R	060DLANYK3EA0EE		HR020HM			26040040	+	03000				B JS

[illegible]

CITY AND STATE RUSHFORD, MN	ELEVATION: 1211 TDZE: 1209 AIRPORT NAME: RUSHFORD MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

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

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[illegible]

CITY AND STATE
RUSHFORD, MN

ELEVATION: 1211 TDZE: 1209
AIRPORT NAME:
RUSHFORD MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, ORIG
15 JAN 2009

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JADDU	JADDU	010		HF	R	FB		340.6(342T)	004.0	02800
	NASNY	FALAR	010		IF		FB				
	NASNY	NASNY	020	IAF	TF		FB	2.0	311.8(313T)	008.0	03000
	NASNY	JADDU	030		TF		FB	1.0	250.7(252T)	005.0	02800
	PEDSY	PEDSY	010	IAF	IF		FB				
	PEDSY	JADDU	020		TF		FB	1.0	070.6(072T)	004.8	02800
		JADDU	010	FACF	IF		FB				02800
		FEEGS	020	FAF	TF		FB	0.5	340.6(342T)	006.1	02800
		JIMSI	021	SDF	TF		FB	0.3	340.6(342T)	002.6	01960
		RW34	030	MAP	TF		FO	0.3	340.6(342T)	002.3	01223

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIMBO	040		DF		FB	1.0			
	DLANY	050		TF		FO	1.0	257.5(259T)		03000
	DLANY	060		HM	R	FO	2.0	260.4(261T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DLANY	N435038.20	W0920437.27	N4350.637	W09204.621
	FALAR	N433426.14	W0913018.47	N4334.436	W09130.308
	FEEGS	N434403.81	W0914733.72	N4344.064	W09147.562
	HIMBO	N435235.42	W0915128.84	N4352.590	W09151.481
	JADDU	N433816.20	W0914454.56	N4338.270	W09144.909
	JIMSI	N434631.04	W0914841.29	N4346.517	W09148.688
	NASNY	N433950.52	W0913822.29	N4339.842	W09138.372
	PEDSY	N433644.56	W0915113.87	N4336.743	W09151.231
	RW34	N434841.99	W0914941.48	N4348.700	W09149.691

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW34	01183	40

CITY AND STATE
RUSHFORD, MN

ELEVATION: 1211 TDZE: 1209
 AIRPORT NAME:
RUSHFORD MUNI

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, ORIG
15 JAN 2009

SUP:
 AMDT: **NONE**
 DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES					MISSED APPROACH										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: LUYIB/ODI 16.76 DME CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3000 VIA ODI VORTAC R-249 TO HUDDS/ODI 11.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1359 TREE 434955N/0915014W FAC CROSSES MID POINT OF RWY 16-34. 1479 AAO 435003N/0914129W.											
ODI VORTAC	HUDDS/ODI 11.00 DME	248.91 / 11.00	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E HUDDS, RT, 248.91 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC <u>248.91</u> FAF <u>HUDDS/ODI 11.00 DME</u> DIST FAF TO MAP <u> </u> - <u> </u> THLD <u> </u> 4. MIN. ALT <u>HUDDS 3000</u> 8. MSA FROM: <u>ODI VORTAC 180-360 2800, 360-180 3500</u>					MAG VAR: 1E EPOCH YEAR: 1995										
MINIMUMS															
TAKEOFF: ☐	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A ☒										
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1720	1	509	1720	1	509	1720	1 1/2	509		NA				
NOTES: CHART NOTE: USE PRESTON ALTIMETER SETTING, WHEN NOT RECEIVED USE WINONA ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.															
CITY AND STATE		ELEVATION: 1211 TDZE:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
RUSHFORD, MN		AIRPORT NAME:		ODI		VOR/DME-A, AMDT 2				AMDT 1					
		RUSHFORD MUNI				15 JAN 2009				DATE 08/15/1996					

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 03, 21 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 03, CLIMB HEADING 034.13 TO 600 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 21, TREES 1572' FROM DER, 526' LEFT OF CENTERLINE, 100' AGL/163' MSL. TREES 3201' FROM DER, 911' RIGHT OF CENTERLINE, 100' AGL/ 166' MSL.

(4) CONTROLLING OBSTACLES:

RWY03: 1049 MSL TOWER 394344.00N/0745041.00W
1042 MSL TOWER 394405.00N/0745027.00W

(5) City, State

HAMMONTON, NJ

(6) Airport

HAMMONTON MUNI

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

QUALITY
3
2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																																																			
TERMINAL ROUTES															MISSED APPROACH																																																																																																																														
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1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																																																																																																																																													
2. _____																																																																																																																																													
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																																																																																																																																													
4. MIN. ALT _____																																																																																																																																													
8. MSA FROM: _____										MAG VAR: _____					EPOCH YEAR: _____																																																																																																																														
<table border="1" style="width:100%; border-collapse: collapse; font-size: 0.8em;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> <td colspan="5"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															TAKEOFF: _____	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A							CATEGORY =====>	A			B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																
TAKEOFF: _____	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A																																																																																																																																					
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NOTES: PROCEDURE CANCELED EFFECTIVE 15 JAN 2009																																																																																																																																													
CITY AND STATE BROCKPORT, NY				ELEVATION: 666 TDZE: 666 AIRPORT NAME: LEDGEDALE AIRPARK				FACILITY IDENTIFIER: GPS				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 28, ORIG, 10/10/1996				SUP AMDT NONE DATE																																																																																																																													



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
ROC VOR/DME	QEBZA (FO)	018.78 / 3.60	4300	LNAV: RW28	
QEBZA (IF/AF)	OBILY (FB)	282.24 / 6.17	2200		
				CLIMB TO 3500 DIRECT CESON AND LEFT TURN VIA 185.08 TRACK TO CLUNG AND HOLD. WHEN AUTHORIZED BY ATC, CLIMB-IN-HOLD 6000.	
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 086.29 INBOUND. CHART FAS OBST: 779 TREE 431016N/0775246W OBLIY TO RW28: 3.04/40. CHART ROCHESTER ASOS 124.825	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E QEBZA, RT, 282.24 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
- FAC: 282.14 FAF: OBILY DIST FAF TO MAP: 4.64 THLD: 4.64
- MIN. ALT: QEBZA 3500, OBILY 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW28 3100

MAG VAR: 11W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1080	1	414	1080	1	414	1080	1 1/4	414	1080	1 1/4	414				
CIRCLING	1160	1	494	1160	1	494	1160	1 1/2	494	1220	2	554				

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROC VOR/DME VIA V483 WESTBOUND.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: USE ROCHESTER ALTIMETER SETTING; WHEN NOT RECEIVED, USE BUFFALO ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.

CITY AND STATE BROCKPORT, NY	ELEVATION: 666 TDZE: 666	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: LEDGEDALE AIRPARK			AMDT: NONE
				DATED

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

[illegible]

Page 2 of 4

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

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

SUSAP 7G0 K6SRW28 K6PG

0 18018003125

M G

CITY AND STATE
BROCKPORT, NY

ELEVATION: 666 TDZE: 666
AIRPORT NAME:
LEDGEDALE AIRPARK

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ROC	ROC	010		IF		FB				
	ROC	QEBZA	020		TF		FO	2.0	018.8(008T)	003.6	04300
	ROC	QEBZA	030		HF	R	FO		282.2(271T)	005.0	03500
		QEBZA	010	FACF	IF		FB				03500
		OBILY	020	FAF	TF		FB	0.5	282.2(271T)	006.2	02200
		RW28	033	MAP	TF		FO	0.3	282.1(271T)	004.6	00703

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CESON	043		DF		FB	1.0			
	CLUNG	053		TF	L	FO	1.0	185.1(174T)		06000
	CLUNG	063		HM	R	FO	2.0	086.3(075T)	004.0	06000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ROC	N430704.66	W0774022.06	N4307.078	W07740.368
	CESON	N431057.06	W0780118.36	N4310.951	W07801.306
	CLUNG	N430317.17	W0780013.38	N4303.286	W07800.223
	OBILY	N431046.28	W0774807.92	N4310.771	W07748.132
	QEBZA	N431038.59	W0773942.11	N4310.643	W07739.702
	RW28	N431051.66	W0775428.39	N4310.861	W07754.473

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00663	40

CITY AND STATE
BROCKPORT, NY

ELEVATION: 666 TDZE: 666
 AIRPORT NAME:
LEDGEDALE AIRPARK

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28, ORIG
15 JAN 2009

SUP:
 AMDT: **NONE**
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 28, 10 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, TREES BEGINNING 882' FROM DER, 568' LEFT OF CENTERLINE UP TO 100' AGL/764' MSL.

NOTE: RWY 28, TREE BEGINNING 1820' FROM DER, 769' RIGHT OF CENTERLINE UP TO 100' AGL/764' MSL. TREES BEGINNING 3049' FROM DER, 1253' LEFT OF CENTERLINE UP TO 100' AGL/759' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BROCKPORT, NY

(6) Airport

LEDGEDALE AIRPARK

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG.



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
MECAN INT	BOUTN LOM	143.93 / 21.27	2700	ILS: DA LOC: 5.38 MILES AFTER BU LOM CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2700 DIRECT BU LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 DIRECT CSS NDB AND HOLD NE, LT, 222.80 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SW, LT, 037.17 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE CSS NDB, LT, 222.80 INBOUND. CHART FAS OBST: 1044 TOWER 395228N/0830903W CHART IN PLANVIEW: CSS NDB.

- PT R SIDE OF COURSE 217.15 OUTBOUND 2700 FT WITHIN 10 MILES OF BOUTN LOM (IAF)
-
- FAC: 037.15 FAF: BOUTN LOM DIST FAF TO MAP: 5.38 THLD: 5.38
- MIN. ALT: BOUTN LOM 2700
- DIST TO THLD FROM OM: 5.38 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 750
- MIN GS INCPT: 2700 GS ALT AT: GS INTCP OM: 2682 MM: - IM: -
- GS ANGLE: 3.00 TCH: 39.3
- MSA FROM: BU LOM 3100

MAG VAR: 5W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N A		ILS: STANDARD #		LOC: STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 4	1105	1/2	200	1105	1/2	200	1105	1/2	200	1105	1/2	200			
S-LOC 4	1340	1/2	435	1340	1/2	435	1340	3/4	435	1340	1	435			
CIRCLING	1420	1	515	1420	1	515	1420	1 1/2	515	1460	2	555			

NOTES:
 CHART NOTE: ADF REQUIRED.
 CHART PLANVIEW NOTE: ADF REQUIRED.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PORT COLUMBUS ALTIMETER SETTING AND INCREASE DA TO 1147 AND ALL MDA 60 FEET.
 # @ NA WHEN CONTROL TOWER CLOSED.
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE COLUMBUS, OH	ELEVATION: 905 TDZE: 905 AIRPORT NAME: BOLTON FIELD	FACILITY IDENTIFIER: I-BUZ	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 4, AMDT 5 15 JAN 2009	SUP: ILS RWY 4 AMDT: 4A DATED 07/23/1992
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.38 MILES AFTER BU LOM
MECAN INT	BOUTN LOM	143.93 / 21.27	2700	CLIMB TO 1400 THEN CLIMBING RIGHT TURN TO 2700 DIRECT BU LOM AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD SW, LT, 038.00 INBOUND. CHART FAS OBST: 1044 TOWER 395228N/0830903W BU LOM TO RW04: 3.08/40.

1. PT R SIDE OF COURSE 217.56 OUTBOUND 2700 FT WITHIN 10 MILES OF BOUTN LOM (IAF)
2. _____
3. FAC 037.56 FAF BOUTN LOM DIST FAF TO MAP 5.38 THLD 5.38
4. MIN. ALT BU LOM 2700
8. MSA FROM: BU LOM 3100

MAG VAR: 5W

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				STANDARD @				
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4	1400	3/4	495	1400	3/4	495	1400	3/4	495	1400	1 1/4	495			
CIRCLING	1420	1	515	1420	1	515	1420	1 1/2	515	1460	2	555			

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ATIMETER SETTING NOT RECEIVED USE PORT COLUMBUS ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE S-4 CAT C/D VISIBILITY 1/4 MILE.

@ NA WHEN CONTROL TOWER CLOSED.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE COLUMBUS, OH	ELEVATION: 905 TDZE: 905 AIRPORT NAME: BOLTON FIELD	FACILITY IDENTIFIER: BU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 4, AMDT 7 15 JAN 2009	SUP NDB OR GPS RWY
				4
				AMDT 6B
				DATE 10/25/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
MECAN	WATIG (FO)	158.97 / 24.07	2700	LPV: DA LNAV/VNAV: DA LNAV: RW04 CLIMB TO 3000 DIRECT OYILU AND LEFT TURN VIA 294.40 TRACK TO MECAN AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, LT, 088.88 INBOUND. CHART FAS OBST: 945 TREE 395334N/0830848W CHART FAS OBST: 1044 TOWER 395228N/0830903W DISTANCE TO THLD FROM 200 HAT: 0.51 NM. CHART VDP AT 1.36 MILES TO RW04* *LNAV ONLY. WAAS CHANNEL # 90505 REFERENCE PATH ID: W04A											
SHIRT (IAF)	WATIG (NOPT) (FB)	072.61 / 14.57	2700												
WATIG (IF/IAF)	JOXOK (FB)	037.06 / 6.56	2700												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SW WATIG, LT, 037.06 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: <u>037.11</u> FAF: <u>JOXOK</u> DIST FAF TO MAP: <u>5.44</u> THLD: <u>5.44</u> 4. MIN. ALT: <u>WATIG 2700, JOXOK 2700</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>JOXOK 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>39.3</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW04 3100</u>				MAG VAR: 5W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1105	1/2	200	1105	1/2	200	1105	1/2	200	1105	1/2	200			
LNAV/VNAV DA	1195	1/2	290	1195	1/2	290	1195	1/2	290	1195	3/4	290			
LNAV MDA	1360	1/2	455	1360	1/2	455	1360	3/4	455	1360	1	455			
CIRCLING	1420	1	515	1420	1	515	1420	1 1/2	515	1460	2	555			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHIRT VIA V5 SOUTHWEST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10															
CITY AND STATE		ELEVATION: 905 TDZE: 905		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:							
COLUMBUS, OH		AIRPORT NAME: BOLTON FIELD				RNAV (GPS) RWY 4, ORIG		AMDT: NONE							
						15 JAN 2009		DATED							

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PORT COLUMBUS ALTIMETER SETTING AND INCREASE ALL DA 42 FT AND ALL MDA 60 FT. INCREASE LNAV/VNAV VISIBILITY 1/4 MILE CATS A/B/C, LNAV CAT C/D 1/4 MILE.

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

CHART NOTE: FOR INOPERATIVE MALSR INCREASE LNAV/VNAV CAT D VISIBILITY TO 1.

CITY AND STATE

COLUMBUS, OH

ELEVATION: 905 TDZE: 905

AIRPORT NAME:

BOLTON FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KTZR
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	395341.2000N
LTP/FTP LONGITUDE	0830831.6400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02417
FPAP LATITUDE	395427.2400N
FPAP LONGITUDE	0830754.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00039.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.00
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0

CRC REMAINDER 9B55DAD4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02751
FPAP ORTHOMETRIC HEIGHT	+02751

CITY AND STATE
COLUMBUS, OH

ELEVATION: 905 TDZE: 905
AIRPORT NAME:
BOLTON FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

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

[illegible]

CITY AND STATE COLUMBUS, OH	ELEVATION: 905 TDZE: 905 AIRPORT NAME: BOLTON FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MECAN	MECAN	010		IF		FB				
	MECAN	WATIG	020		TF		FO	2.0	159.0(154T)	024.1	02700
	MECAN	WATIG	030		HF	L	FO		037.1(032T)	004.0	02700
	SHIRT	SHIRT	010	IAF	IF		FB				
	SHIRT	WATIG	020		TF		FB	1.0	072.6(068T)	014.6	02700
		WATIG	010	FACF	IF		FB				02700
		JOXOK	020	FAF	TF		FB	0.5	037.1(032T)	006.6	02700
		RW04	030	MAP	TF		FO	0.3	037.1(032T)	005.4	00941

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	OYILU	040		DF		FB	1.0			
	MECAN	050		TF	L	FO	1.0	294.4(289T)		03000
	MECAN	060		HM	L	FO	2.0	088.9(084T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOXOK	N394904.62	W0831217.02	N3949.077	W08312.284
	MECAN	N400510.25	W0833029.60	N4005.171	W08330.493
	OYILU	N395815.93	W0830447.21	N3958.266	W08304.787
	SHIRT	N393758.72	W0833416.14	N3937.979	W08334.269
	WATIG	N394330.82	W0831648.22	N3943.514	W08316.804
	RW04	N395341.20	W0830831.64	N3953.687	W08308.527

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00902	39

CITY AND STATE
COLUMBUS, OH

ELEVATION: 905 TDZE: 905
 AIRPORT NAME:
 BOLTON FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 4, ORIG
 15 JAN 2009

SUP:
 AMDT: NONE
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 4, 22 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 4: CLIMB HEADING 037.15 TO 1800 BEFORE TURNING EAST.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 4, TREE 1091' FROM DER, 770' LEFT OF CENTERLINE, 53' AGL/959' MSL. TREE 487' FROM DER, 356' RIGHT OF CENTERLINE, 23' AGL/929' MSL. TREE 1317' FROM DER, 452' RIGHT OF CENTERLINE, 42' AGL/948' MSL. TREE 1307' FROM DER, 50' LEFT OF CENTERLINE, 36' AGL/942' MSL. TREE 1927' FROM DER, 135' RIGHT OF CENTERLINE, 49' AGL/955' MSL. NOTE: RWY 22, TREE 1273' FROM DER, 720' RIGHT OF CENTERLINE, 40' AGL/945' MSL. TREE 712' FROM DER, 662' RIGHT OF CENTERLINE, 25' AGL/927' MSL. TREE 1411' FROM DER, 658' RIGHT OF CENTERLINE, 33' AGL/939' MSL.

(4) CONTROLLING OBSTACLES:

RWY 4, 1749' MSL TOWER 395614.00N/0830116.00W

(5) City, State

COLUMBUS, OH

(6) Airport

BOLTON FIELD

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW10
APE VORTAC	JUPUK (FB)	313.07 / 12.09	3000	CLIMB TO 2800 DIRECT PATIE AND HOLD.
GIVES	USUDE (FB)	283.56 / 8.34	3000	
GUNNE (IAF)	BONIF (NOPT) (FB)	097.27 / 20.59	3000	
USUDE (IAF)	BONIF (NOPT) (FB)	193.53 / 5.01	3000	
JUPUK (IAF)	BONIF (NOPT) (FB)	013.51 / 5.01	3000	
BONIF (IF/IAF)	ETMEW (FB)	103.52 / 6.01	3000	
				ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.84 INBOUND. CHART FAS OBST: 1389 TREE 402003N/0823510W CHART VDP AT 1.30 MILES TO RW10. ETMEW TO RW10: 3.05/40.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W BONIF, RT, 103.52 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 103.60 FAF: ETMEW DIST FAF TO MAP: 5.48 THLD: 5.48
- MIN. ALT: BONIF 3000, ETMEW 3000, RINGR/2.60 NM TO RW10 2060
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW10 3100

MAG VAR: 6W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N A			STANDARD @					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1640	1	452	1640	1	452	1640	1 1/4	452	1640	1 1/2	452			
CIRCLING	1660	1	469	1660	1	469	1680	1 1/2	489	1780	2	589			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE
ALL MDA 100 FEET, LNAV CAT C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WITH NEWARK ALTIMETER SETTING.
SEE 8260-10

CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 TDZE: 1188 AIRPORT NAME: KNOX COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 15 JAN 2009	SUP: AMDT: NONE DATED
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RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON APE VORTAC AIRWAY RADIALS 271 CW 006.

CITY AND STATE

MOUNT VERNON, OH

ELEVATION: 1191 TDZE: 1188

AIRPORT NAME:

KNOX COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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

ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	APE K5011670VTHA N40090382W082351788 N40090382W082351788W006001350 NARAPPLETON												

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	BONIF K50 W N40211896W082470276 W0074 NAR BONIF												
SUSAEAENRT	ETMEW K50 W N40203151W082391553 W0074 NAR ETMEW												
SUSAEAENRT	GIVES K50 R L N40251182W082352140 W0074 NAR GIVES												
SUSAEAENRT	GUNNE K50 C L N40214955W083135832 W0066 NAR GUNNE												
SUSAEAENRT	JUPUK K50 W N40162073W082475416 W0074 NAR JUPUK												
SUSAEAENRT	PATIE K50 W N40181455W082171565 W0074 NAR PATIE												
SUSAEAENRT	RINGR K50 W N40200853W082353124 W0074 NAR RINGR												
SUSAEAENRT	USUDE K50 W N40261718W082461124 W0074 NAR USUDE												

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP 4I3 K5A4I3	0 055YHN40194410W082313390W006001191 1800018000C MNAR KNOX COUNTY												

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP 4I3 K5FR10	AAPE 010APE K5D 0V IF 18000 B JS												
SUSAP 4I3 K5FR10	AAPE 020JUPUKK5EA0E A 020TF 31310121 + 03000 B JS												
SUSAP 4I3 K5FR10	AAPE 030BONIFK5EA0EE 010TF 01350050 + 03000 B JS												
SUSAP 4I3 K5FR10	ABONIF 010BONIFK5EA0EE CR HF 10350040 + 03000 18000 B JS												
SUSAP 4I3 K5FR10	AGIVES 010GIVESK5EA0E IF 18000 B JS												
SUSAP 4I3 K5FR10	AGIVES 020USUDEK5EA0E A 020TF 28360083 + 03000 B JS												
SUSAP 4I3 K5FR10	AGIVES 030BONIFK5EA0EE 010TF 19350050 + 03000 B JS												
SUSAP 4I3 K5FR10	AGUNNE 010GUNNEK5EA0E A IF 18000 B JS												
SUSAP 4I3 K5FR10	AGUNNE 020BONIFK5EA0EE 010TF 09730206 + 03000 B JS												
SUSAP 4I3 K5FR10	R 010BONIFK5EA0E I IF + 03000 18000 B JS												
SUSAP 4I3 K5FR10	R 020ETMEWK5EA1E F 051TF 10350060 + 03000 RW10 K5PGB JS												
SUSAP 4I3 K5FR10	R 020ETMEWK5EA2WN N ALNAV JS												
SUSAP 4I3 K5FR10	R 021RINGRK5EA0E S 031TF 10360029 V 0206002061 -305 B JS												
SUSAP 4I3 K5FR10	R 030RW10 K5PGOGY M 031TF 10360026 01227 -305 B JS												

CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 TDZE: 1188	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: KNOX COUNTY			AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

SUSAP 4I3 K5FR10 R 040PATIEK5EA0EYM 010DF
SUSAP 4I3 K5FR10 R 050PATIEK5EA0EE HR020HM

+ 02800
28380040 + 02800

B JS
B JS

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

SUSAP 4I3 K5GRW10 0055001037 N40194772W082320907-0100 +0328001187000040100R

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

SUSAP 4I3 K5SRW10 K5PG 0 18018003125

M

CITY AND STATE

MOUNT VERNON, OH

ELEVATION: 1191 TDZE: 1188
AIRPORT NAME:

KNOX COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 10, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	APE	APE	010		IF		FB				
	APE	JUPUK	020	IAF	TF		FB	2.0	313.1(307T)	012.1	03000
	APE	BONIF	030		TF		FB	1.0	013.5(008T)	005.0	03000
	BONIF	BONIF	010		HF	R	FB		103.5(098T)	004.0	03000
	GIVES	GIVES	010		IF		FB				
	GIVES	USUDE	020	IAF	TF		FB	2.0	283.6(278T)	008.3	03000
	GIVES	BONIF	030		TF		FB	1.0	193.5(188T)	005.0	03000
	GUNNE	GUNNE	010	IAF	IF		FB				
	GUNNE	BONIF	020		TF		FB	1.0	097.3(091T)	020.6	03000
		BONIF	010	FACF	IF		FB				03000
		ETMEW	020	FAF	TF		FB	0.5	103.5(098T)	006.0	03000
		RINGR	021	SDF	TF		FB	0.3	103.6(098T)	002.9	02060
		RW10	030	MAP	TF		FO	0.3	103.6(098T)	002.6	01227

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PATIE	040		DF		FO	1.0			02800
	PATIE	050		HM	R	FO	2.0	283.8(278T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APE	N400903.82	W0823517.88	N4009.064	W08235.298
	BONIF	N402118.96	W0824702.76	N4021.316	W08247.046
	ETMEW	N402031.51	W0823915.53	N4020.525	W08239.259
	GIVES	N402511.82	W0823521.40	N4025.197	W08235.357
	GUNNE	N402149.55	W0831358.32	N4021.826	W08313.972
	JUPUK	N401620.73	W0824754.16	N4016.346	W08247.903
	PATIE	N401814.55	W0821715.65	N4018.243	W08217.261
	RINGR	N402008.53	W0823531.24	N4020.142	W08235.521
	USUDE	N402617.18	W0824611.24	N4026.286	W08246.187
	RW10	N401947.72	W0823209.07	N4019.795	W08232.151

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW10	01187		40

CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 TDZE: 1188	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: KNOX COUNTY			AMDT: NONE
				DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW28 CLIMB TO 3000 DIRECT BONIF AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 103.52 INBOUND. CHART FAS OBST: 1299 TREE 401947N/0823107W CHART VDP AT 1.06 MILES TO RW28. WEBUB TO RW28: 3.04/40.								
APE VORTAC	TUCUG (FB)	078.11 / 13.80	3000									
TVT VOR/DME	ZULAS (FB)	243.43 / 7.94	3000									
ROSCO (IAF)	PATIE (NOPT) (FB)	303.29 / 14.52	2800									
ZULAS (IAF)	PATIE (NOPT) (FB)	193.85 / 5.00	2800									
TUCUG (IAF)	PATIE (NOPT) (FB)	013.83 / 5.00	2800									
PATIE (IF/IAF)	WEBUB (FB)	283.84 / 6.01	2700									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD E PATIE, RT, 283.84 INBOUND, 2800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>283.75</u> FAF: <u>WEBUB</u> DIST FAF TO MAP: <u>4.58</u> THLD: <u>4.58</u> 4. MIN. ALT: PATIE 2800, WEBUB 2700, SLAPT/1.70 NM TO RW28 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: RW28 3100				MAG VAR: 6W EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1560	1	375	1560	1	375	1560	1	375	1560	1 1/4	375
CIRCLING	1660	1	469	1660	1	469	1680	1 1/2	489	1780	2	589
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, LNAV CAT C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: VDP NA WITH NEWARK ALTIMETER SETTING. SEE 8260-10												
CITY AND STATE MOUNT VERNON, OH			ELEVATION: 1191 TDZE: 1185 AIRPORT NAME: KNOX COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 15 JAN 2009			SUP:		
										AMD'T: NONE		
										DATED		

CHECKED

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

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

NOTES CONT.**CHART NOTE: PROCEDURE NA FOR ARRIVALS ON APE VORTAC AIRWAY RADIALS 055 CW 117.****CHART NOTE: PROCEDURE NA FOR ARRIVALS AT TVT VOR/DME VIA V210 EASTBOUND.**

CITY AND STATE

MOUNT VERNON, OH

ELEVATION: 1191 TDZE: 1185

AIRPORT NAME:

KNOX COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

15 JAN 2009
CHECKED

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

[illegible]

CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 TDZE: 1185 AIRPORT NAME: KNOX COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

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

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+ 03000
10350040 + 03000

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B JS
B JS

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

SUSAP 4I3 K5GRW28 0055002837 N40194045W082305870+0100 +0327101184000040100R

[illegible]

SUSAP 4I3 K5SRW28 K5PG 0 18018003125

M

SUP: _____
AMDT: **NONE**
DATED: *11/11/11*

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	APE	APE	010		IF		FB				
	APE	TUCUG	020	IAF	TF		FB	2.0	078.1 (072T)	013.8	03000
	APE	PATIE	030		TF		FB	1.0	013.8 (008T)	005.0	02800
	PATIE	PATIE	010		HF	R	FB		283.8 (278T)	004.0	02800
	ROSCO	ROSCO	010	IAF	IF		FB				
	ROSCO	PATIE	020		TF		FB	1.0	303.3 (297T)	014.5	02800
	TVT	TVT	010		IF		FB				
	TVT	ZULAS	020	IAF	TF		FB	2.0	243.4 (237T)	007.9	03000
	TVT	PATIE	030		TF		FB	1.0	193.9 (188T)	005.0	02800
		PATIE	010	FACF	IF		FB				02800
		WEBUB	020	FAF	TF		FB	0.5	283.8 (278T)	006.0	02700
		SLAPT	021	SDF	TF		FB	0.3	283.8 (278T)	002.9	01760
		RW28	030	MAP	TF		FO	0.3	283.8 (278T)	001.7	01224

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BONIF	040		DF		FO	1.0			03000
	BONIF	050		HM	R	FO	2.0	103.5 (098T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APE	N400903.82	W0823517.88	N4009.064	W08235.298
	TVT	N402728.93	W0820736.65	N4027.482	W08207.611
	BONIF	N402118.96	W0824702.76	N4021.316	W08247.046
	PATIE	N401814.55	W0821715.65	N4018.243	W08217.261
	ROSCO	N401135.98	W0820023.28	N4011.600	W08200.388
	SLAPT	N401926.77	W0822846.54	N4019.446	W08228.776
	TUCUG	N401317.14	W0821809.07	N4013.286	W08218.151
	WEBUB	N401903.53	W0822502.93	N4019.059	W08225.049
	ZULAS	N402311.95	W0821622.10	N4023.199	W08216.368
	RW28	N401940.45	W0823058.70	N4019.674	W08230.978

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW28	01184		40

CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 TDZE: 1185	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: KNOX COUNTY			AMDT: NONE
				DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 10, 28, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 28, TREES 2,121' FROM DER, 361' RIGHT OF CENTERLINE, 47' AGL/1,246' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MOUNT VERNON, OH

(6) Airport

KNOX COUNTY

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

QUALITY
9-1-09

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME RNAV STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE				ALTITUDE											
										ADDITIONAL FLIGHT DATA:									
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF) 2. _____ 3. FAC ____ FAF ____ DIST FAF TO MAP ____ THLD ____ 4. MIN. ALT ____ 8. MSA FROM: _____										MAG VAR: _____ EPOCH YEAR: _____									
TAKEOFF: ☐ STANDARD ☐ SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A ☐									
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
NOTES: PROCEDURE CANCELED EFFECTIVE <u>15 JAN 2009</u>																			
CITY AND STATE MOUNT VERNON, OH				ELEVATION: 1192 TDZE: 1192 AIRPORT NAME: KNOX COUNTY				FACILITY IDENTIFIER: APE				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RNAV OR GPS RWY 10, AMDT 2A 06/29/1998				SUP AMDT 2 DATE 04/30/1992			

RECEIVED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME RNAV STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																																													
TERMINAL ROUTES					MISSED APPROACH																																																																																																																													
FROM	TO	COURSE AND DISTANCE	ALTITUDE																																																																																																																															
				ADDITIONAL FLIGHT DATA:																																																																																																																														
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____										MAG VAR: _____	EPOCH YEAR: _____																																																																																																																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: NA _____</td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="2" style="text-align: center;">D</td> <td colspan="2" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>												TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: NA _____		CATEGORY =====>	A		B			C			D		E			MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																
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NOTES: PROCEDURE CANCELED EFFECTIVE <u>15 JAN 2009</u>																																																																																																																																		
CITY AND STATE MOUNT VERNON, OH		ELEVATION: 1191 TDZE: 1185 AIRPORT NAME: KNOX COUNTY		FACILITY IDENTIFIER: APE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RNAV OR GPS RWY 28, AMDT 2B, 10/05/2000			<table border="1" style="width:100%; border-collapse: collapse;"> <tr><td>SUP</td></tr> <tr><td>AMDT 2A</td></tr> <tr><td>DATE 06/29/98</td></tr> </table>			SUP	AMDT 2A	DATE 06/29/98																																																																																																																				
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06/29/98
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[illegible]

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.							
GPS STANDARD INSTRUMENT APPROACH PROCEDURE								Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.							
FLIGHT STANDARDS SERVICE - FAR PART 97.33															
TERMINAL ROUTES						MISSED APPROACH									
FROM		TO		COURSE AND DISTANCE		ALTITUDE									
						ADDITIONAL FLIGHT DATA:									
1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)															
2. _____															
3. FAC ____ FAF _____ DIST FAF TO MAP _____ THLD _____															
4. MIN. ALT _____															
8. MSA FROM: _____						MAG VAR: _____		EPOCH YEAR: _____							
TAKEOFF: [] STANDARD [] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A []															
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
NOTES: PROCEDURE CANCELED EFFECTIVE 15 JAN 2009															
CITY AND STATE VAN WERT, OH			ELEVATION: 785 TDZE: 784 AIRPORT NAME: VAN WERT COUNTY			FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 9, ORIG, 09/09/1999				SUP AMDT NONE DATE			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																			
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FROM					TO					COURSE AND DISTANCE					ALTITUDE														
																				ADDITIONAL FLIGHT DATA:									
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TAKEOFF:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT										ALTERNATE: N A															
CATEGORY =====>		A			B			C			D			E															
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA													
NOTES:																													
PROCEDURE CANCELED EFFECTIVE 15 JAN 2009																													
CITY AND STATE				ELEVATION: 785 TDZE: 784				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP													
VAN WERT, OH				AIRPORT NAME:				GPS				GPS RWY 9, ORIG, 09/09/1999				AMDT NONE													
				VAN WERT COUNTY												DATE													

[illegible]

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION							Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT , HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
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TERMINAL ROUTES								MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE			ALTITUDE								
									ADDITIONAL FLIGHT DATA:						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. _____															
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____															
4. MIN. ALT _____															
8. MSA FROM: _____										MAG VAR: _____ EPOCH YEAR: _____					
TAKEOFF: [] STANDARD [] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A []															
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
NOTES: PROCEDURE CANCELED EFFECTIVE 15 JAN 2009															
CITY AND STATE VAN WERT, OH				ELEVATION: 785 TDZE: 784 AIRPORT NAME: VAN WERT COUNTY				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 9, ORIG, 09/09/1999				SUP AMDT NONE DATE	

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				ADDITIONAL FLIGHT DATA:

[illegible]

2. _____

3. FAC	FAF	DIST FAF TO MAP	THLD
--------	-----	-----------------	------

4. MIN. ALT

8. MSA FROM: _____

MAG VAR:

EPOCH YEAR:

[illegible]

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 785 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: GPS	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: GPS RWY 27, ORIG, 09/09/1999	SUP	
				AMD'T	NONE
				DATE	

QUALITY
CRAFTED

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: VFU NDB
FDY VORTAC	VFU NDB	264.17 / 39.42	2400	CLIMBING LEFT TURN TO 2400 IN VFU NDB HOLDING PATTERN.
FWA VORTAC	VFU NDB	104.79 / 27.04	2400	
				ADDITIONAL FLIGHT DATA: HOLD W. LT, 106.00 INBOUND. FAS OBST: 1059 AAO 405054N/0844906W FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.

1. PT R SIDE OF COURSE 266.21 OUTBOUND 2400 FT WITHIN 10 MILES OF VFU NDB (IAF)
 2. _____
 3. FAC 106.21 FAF _____ DIST FAF TO MAP _____ THLD _____
 4. MIN. ALT _____
 8. MSA FROM: VFU NDB 090-270 3000, 270-090 2400

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF: ☐	STANDARD	☒	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-9	1420	1	636	1420	1	636	1420	1 3/4	636	1420	2	636			
CIRCLING	1420	1	635	1420	1	635	1420	1 3/4	635	1420	2	635			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE CAT C AND D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 784 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: VFU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 9, AMDT 3 15 JAN 2009	SUP
				AMDT 2
				DATE 11/26/2004

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW09 CLIMB TO 3000 DIRECT DRIFF AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 274.72 INBOUND. CHART FAS OBST: 904 TREE 405110N/0843943W CHART VDP AT 1.06 MILES TO RW09. UPIWE TO RW09: 3.04/40.
CHIZM	POJZI (FB)	267.31 / 11.25	3000	
BOOKS	UHDAX (FB)	355.27 / 16.74	3000	
POJZI (IAF)	SUDJU (FB)	184.39 / 5.00	3000	
UHDAX (IAF)	SUDJU (FB)	004.39 / 5.00	3000	
SUDJU (IF)	UPIWE (FB)	094.39 / 6.10	2400	

1. FT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT SUDJU
3. FAC: 094.48 FAF: UPIWE DIST FAF TO MAP: 4.88 THLD: 4.88
4. MIN. ALT: SUDJU 3000, UPIWE 2400, HUTAB/2.00 NM TO RW09 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 CLEAR
8. MSA FROM: RW09 3000

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1160	1	376	1160	1	376	1160	1	376	1160	1 1/4	376				
CIRCLING	1340	1	555	1340	1	555	1340	1 1/2	555	1340	2	555				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 785 TDZE: 784	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD T NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 15 JAN 2009	SUP: NONE
VAN WERT, OH	AIRPORT NAME: VAN WERT COUNTY			AMDT: NONE
				DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING FORT WAYNE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CHIZM VIA V38 EASTBOUND AND ARRIVALS AT BOOKS VIA V55 SOUTHEAST BOUND.

CITY AND STATE

VAN WERT, OH

ELEVATION: 785

TDZE: 784

AIRPORT NAME:

VAN WERT COUNTY

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

15 JAN 2009

SUP:

AMDT:

NONE

DATED:

QUALITY
CHECKED

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

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ARINC PACKET - 424-18[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KVNWK5FR09	ABOOKS	010BOOKSK5EA0E	IF						18000		B JS	
SUSAP	KVNWK5FR09	ABOOKS	020UHDAXK5EA0E	A 020TF			35530167	+ 03000				B JS	
SUSAP	KVNWK5FR09	ABOOKS	030SUDJUK5EA0EE	010TF			00440050	+ 03000				B JS	
SUSAP	KVNWK5FR09	ACHIZM	010CHIZMK5EA0E	IF						18000		B JS	
SUSAP	KVNWK5FR09	ACHIZM	020POJZIK5EA0E	A 020TF			26730113	+ 03000				B JS	
SUSAP	KVNWK5FR09	ACHIZM	030SUDJUK5EA0EE	010TF			18440050	+ 03000				B JS	
SUSAP	KVNWK5FR09	R	010SUDJUK5EA0E	I IF				+ 03000		18000		B JS	
SUSAP	KVNWK5FR09	R	020UPIWEK5EA1E	F 051TF			09440061	+ 02400			RW09	K5PGB JS	
SUSAP	KVNWK5FR09	R	020UPIWEK5EA2WN		N	ALNAV						JS	
SUSAP	KVNWK5FR09	R	021HUTABK5EA0E	S 031TF			09450029	V 0146001464		-304		B JS	
SUSAP	KVNWK5FR09	R	030RW09	K5PG0GY M 031TF			09450020	00823		-304		B JS	
SUSAP	KVNWK5FR09	R	040DRIFFK5EA0EYM	010DF				+ 03000				B JS	
SUSAP	KVNWK5FR09	R	050DRIFFK5EA0EE	HR020HM			27470040	+ 03000				B JS	

[illegible]

CITY AND STATE

VAN WERT, OH

ELEVATION: 785 TDZE: 784

AIRPORT NAME:

VAN WERT COUNTY

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 784 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED: QUALITY

QUALITY
CHECKS

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BOOKS	BOOKS	010		IF		FB				
	BOOKS	UHDAX	020	IAF	TF		FB	2.0	355.3(350T)	016.7	03000
	BOOKS	SUDJU	030		TF		FB	1.0	004.4(359T)	005.0	03000
	CHIZM	CHIZM	010		IF		FB				
	CHIZM	POJZI	020	IAF	TF		FB	2.0	267.3(262T)	011.3	03000
	CHIZM	SUDJU	030		TF		FB	1.0	184.4(179T)	005.0	03000
		SUDJU	010	FACF	IF		FB				03000
		UPIWE	020	FAF	TF		FB	0.5	094.4(089T)	006.1	02400
		HUTAB	021	SDF	TF		FB	0.3	094.5(090T)	002.9	01460
		RW09	030	MAP	TF		FO	0.3	094.5(090T)	002.0	00823

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DRIFF	040		DF		FO	1.0			03000
	DRIFF	050		HM	R	FO	2.0	274.7(270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOOKS	N403016.27	W0844740.77	N4030.271	W08447.680
	CHIZM	N405818.20	W0843649.84	N4058.303	W08436.831
	DRIFF	N405157.28	W0842139.68	N4051.955	W08421.661
	HUTAB	N405151.85	W0843938.22	N4051.864	W08439.637
	POJZI	N405646.90	W0845132.55	N4056.782	W08451.543
	SUDJU	N405146.73	W0845128.34	N4051.779	W08451.472
	UHDAX	N404646.56	W0845124.14	N4046.776	W08451.402
	UPIWE	N405150.34	W0844326.35	N4051.839	W08443.439
	RW09	N405152.82	W0843700.06	N4051.880	W08437.001

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW09	00783	40

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 784	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 15 JAN 2009	SUP:
	AIRPORT NAME: VAN WERT COUNTY			AMDT: NONE
	DATED:			

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW27 CLIMBING RIGHT TURN TO 3000 DIRECT DRIFF AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 977 TOWER 405218N/0843516W CHART VDP AT 1.43 MILES TO RW27. OYNOV TO RW27: 3.04/40.
CHIZM	AVFAX (FB)	101.61 / 11.55	3000	
BOOKS	CEWFY (FB)	054.81 / 25.91	3000	
AVFAX (IAF)	DRIFF (NOPT) (FB)	184.72 / 5.00	3000	
CEWFY (IAF)	DRIFF (NOPT) (FB)	004.72 / 5.00	3000	
DRIFF (IF/IAF)	OYNOV (FB)	274.72 / 6.10	2400	

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

2. HOLD E DRIFF, RT, 274.72 INBOUND, 3000 FT. IN LIEU OF PT (IAF)

3. FAC: 274.63 FAF: OYNOV DIST FAF TO MAP: 4.88 THLD: 4.88

4. MIN. ALT: DRIFF 3000, OYNOV 2400

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

6. MIN GS INCPT: GS ALT AT: OM: MM: IM:

7. GS ANGLE: TCH: 34:1 IS CLEAR

8. MSA FROM: RW27 3000

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @										
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1280	1	495	1280	1	495	1280	1 1/4	495	1280	1 1/2	495			
CIRCLING	1340	1	555	1340	1	555	1340	1 1/2	555	1340	2	555			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WAYNE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 785 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 15 JAN 2009	SUP: AMDT: NONE DATED: 15 JAN 2009
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CHECKED

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

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NOTES CONT.

VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING FORT WAYNE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CHIZM VIA V38 WESTBOUND AND ARRIVALS AT BOOKS VIA V14 SOUTHWEST BOUND.

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 785 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
&
CHECKED

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[illegible]

W0058	NAR	AVFAX
W0058	NAR	BOOKS
W0058	NAR	CEWFY
W0058	NAR	CHIZM
W0058	NAR	DRIFF
W0058	NAR	OYN0V

[illegible]

SUSAP KVNWK5AVNW 0 040YHN40515300W084363400W005000785 1800018000C MNAR VAN WERT COUNTY

[illegible]

SUSAP	KVNWK5FR27	ABOOKS	010BOOKSK5EA0E	IF				18000		B	JS
SUSAP	KVNWK5FR27	ABOOKS	020CEWFYK5EA0E	A 020TF		05480259	+ 03000			B	JS
SUSAP	KVNWK5FR27	ABOOKS	030DRIFFK5EA0EE	010TF		00470050	+ 03000			B	JS
SUSAP	KVNWK5FR27	ACHIZM	010CHIZMK5EA0E	IF				18000		B	JS
SUSAP	KVNWK5FR27	ACHIZM	020AVFAXK5EA0E	A 020TF		10160116	+ 03000			B	JS
SUSAP	KVNWK5FR27	ACHIZM	030DRIFFK5EA0EE	010TF		18470050	+ 03000			B	JS
SUSAP	KVNWK5FR27	ADRIFF	010DRIFFK5EA0EE	CR HF		27470040	+ 03000	18000		B	JS
SUSAP	KVNWK5FR27	R	010DRIFFK5EA0E	I IF			+ 03000	18000		B	JS
SUSAP	KVNWK5FR27	R	020OYNOKV5EA1E	F 051TF		27470061	+ 02400		RW27	K5PGB	JS
SUSAP	KVNWK5FR27	R	020OYNOKV5EA2WN		N	ALNAV					JS
SUSAP	KVNWK5FR27	R	030RW27 K5PGOGY	M 031TF		27460049	00825		-304		B JS
SUSAP	KVNWK5FR27	R	040DRIFFK5EA0EYM	R010DF			+ 03000				B JS
SUSAP	KVNWK5FR27	R	050DRIFFK5EA0EE	HR020HM		27470040	+ 03000				B JS

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18000          B JS
          B JS
          B JS
18000          B JS
          B JS
          B JS
18000          B JS
18000          B JS
          RW27  K5PGB JS
          JS
          -304  B JS
          B JS
          B JS

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[illegible]

SUSAP KVNWK5GRW27 0040002746 N40515313W084360800+0000 +0205500785000040075R

[illegible]

CITY AND STATE VAN WERT, OH	ELEVATION: 785 TDZE: 785 AIRPORT NAME: VAN WERT COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED: 1/15/09

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

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SUSAP KVNWK5SRW27 K5PG

0 18018003025

M

CITY AND STATE
VAN WERT, OH

ELEVATION: 785 TDZE: 785
AIRPORT NAME:
VAN WERT COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOOKS	BOOKS	010		IF		FB				
	BOOKS	CEWFY	020	IAF	TF		FB	2.0	054.8 (050T)	025.9	03000
	BOOKS	DRIFF	030		TF		FB	1.0	004.7 (360T)	005.0	03000
	CHIZM	CHIZM	010		IF		FB				
	CHIZM	AVFAX	020	IAF	TF		FB	2.0	101.6 (097T)	011.6	03000
	CHIZM	DRIFF	030		TF		FB	1.0	184.7 (180T)	005.0	03000
	DRIFF	DRIFF	010		HF	R	FB		274.7 (270T)	004.0	03000
	DRIFF	DRIFF	010	FACF	IF		FB				03000
	OYNOV	OYNOV	020	FAF	TF		FB	0.5	274.7 (270T)	006.1	02400
	RW27	RW27	030	MAP	TF		FO	0.3	274.6 (270T)	004.9	00825

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DRIFF	040		DF	R	FO	1.0			03000
	DRIFF	050		HM	R	FO	2.0	274.7 (270T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVFAX	N405657.46	W0842141.61	N4056.958	W08421.694
	BOOKS	N403016.27	W0844740.77	N4030.271	W08447.680
	CEWFY	N404657.10	W0842137.75	N4046.952	W08421.629
	CHIZM	N405818.20	W0843649.84	N4058.303	W08436.831
	DRIFF	N405157.28	W0842139.68	N4051.955	W08421.661
	OYNOV	N405155.20	W0842942.12	N4051.920	W08429.702
	RW27	N405153.13	W0843608.00	N4051.886	W08436.133

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW27	00785	40

CITY AND STATE
VAN WERT, OH

ELEVATION: 785 TDZE: 785
 AIRPORT NAME:
VAN WERT COUNTY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
15 JAN 2009

SUP:
 AMDT: **NONE**
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 18, 36 NA- ENVIRONMENTAL

RWY 27, STANDARD

RWY 9, 300-1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 306 FT PER NM TO 1100.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TOWER 6084' FROM DER, 1963' LEFT OF CENTERLINE, 170' AGL/955' MSL.

(4) CONTROLLING OBSTACLES:

RWY 9: 955 MSL TOWER 405213.00N/0843449.00W

(5) City, State

VAN WERT, OH

(6) Airport

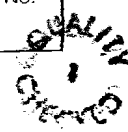
VAN WERT COUNTY

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

3



US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW17R CLIMB TO 3000 DIRECT KONXU AND RIGHT TURN VIA 275.80 TRACK TO JESKE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 083.10 INBOUND. CHART FAS OBST: 1340 POLE 352422N/0973558W CHART FAS OBST: 1373 TOWER 352542N/0973556W CHART 1411 TOWER 352823N/0973531W. DISTANCE TO THLD FROM 258 HAT: 0.62 NM. CHART VDP AT 1.06 MILES TO RW17R* *LNAV ONLY. WAAS CHANNEL # 50102 REFERENCE PATH ID: W17A							
ALXOZ (IAF)		FILUM (NOPT) (FB)		082.90 / 5.00				4000									
EGEYU (IAF)		FILUM (NOPT) (FB)		263.02 / 5.00				4000									
FILUM (IF/IAF)		IVEYI (FB)		172.96 / 6.32				3000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N FILUM, RT, 172.96 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>172.96</u> FAF: <u>IVEYI</u> DIST FAF TO MAP: <u>5.13</u> THLD: <u>5.13</u> 4. MIN. ALT: <u>FILUM 4000, IVEYI 3000, COTOX/3.92 NM TO RW17R 2600</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>IVEYI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>60.6</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>										MAG VAR: 7E		EPOCH YEAR: 1985					
MINIMUMS																	
TAKEOFF: ☒ STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A				STANDARD									
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1540	2400	258	1540	2400	258	1540	2400	258	1540	2400	258					
LNAV/VNAV DA	1610	2400	328	1610	2400	328	1610	2400	328	1610	4000	328					
LNAV MDA	1680	2400	398	1680	2400	398	1680	2400	398	1680	5000	398					
CIRCLING		1740	1	445	1760	1	465	1760	1 1/2	465	1860	2	565				
NOTES: CHART NOTE: CIRCLING TO RWY 18-36 NA AT NIGHT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV CAT D VISIBILITY TO RVR 5000, AND LNAV CAT D VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA																	
CITY AND STATE				ELEVATION: 1295 TDZE: 1282				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
OKLAHOMA CITY, OK				AIRPORT NAME: WILL ROGERS WORLD				RNAV				RNAV (GPS) RWY 17R, AMDT 2A 15 JAN 2009				AMDT: 2	
																DATED 08/04/2005	

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

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TAA

	FROM	TO	ALT
1.	083/30 CW 263/30 (NOPT)	FILUM (IF/IAF) (FB)	4000
2.	263/30 CW 335/30	EGEYU (IAF) (FB)	4000
3.	335/30 CW 083/30	ALXOZ (IAF) (FB)	4000

CITY AND STATE

OKLAHOMA CITY, OK

ELEVATION: 1295 TDZE: 1282

AIRPORT NAME:

WILL ROGERS WORLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17R, AMDT 2A

15 JAN 2009

SUP:

AMDT: 2

DATED: 08/04/2005

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KOKC
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352421.4200N
LTP/FTP LONGITUDE	0973620.6000W
LTP/FTP ELLIPSOIDAL HEIGHT	+03640
FPAP LATITUDE	352241.8300N
FPAP LONGITUDE	0973620.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0080
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 9DA2FD70

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+03907
FPAP ORTHOMETRIC HEIGHT	+03907

CITY AND STATE OKLAHOMA CITY, OK	ELEVATION: 1295 TDZE: 1282	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17R, AMDT 2A 15 JAN 2009	SUP:
	AIRPORT NAME: WILL ROGERS WORLD			AMDT: 2
	DATED: 08/04/2005			

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEANRT	ALXOZ	K40	W	N35354911W097422905				E0044	NAR	ALXOZ		I	
SUSAEANRT	COTOX	K40	W	N35281721W097362080				E0044	NAR	COTOX		I	
SUSAEANRT	EGEYU	K40	W	N35354953W097301332				E0044	NAR	EGEYU		I	
SUSAEANRT	FILUM	K40	C	N35354947W097362119				E0044	NAR	FILUM		I	
SUSAEANRT	IVEYI	K40	C	N35292949W097362086				E0044	NAR	IVEYI		I	
SUSAEANRT	JESKE	K40	C	N35213136W097511235				E0044	NAR	JESKE		I	
SUSAEANRT	KONXU	K40	W	N35184625W097362031				E0044	NAR	KONXU		I	

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KOKCK4AOKC	0	098YHN35233516W097360265E007001295				1800018000C	MNAR	WILL ROGERS WORLD			I	

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KOKCK4FR17R	AALXOZ	010ALXOZK4EA0E	A	IF					18000		A JS	I
SUSAP	KOKCK4FR17R	AALXOZ	020FILUMK4EA0EE		010TF		08290050	+ 04000				A JS	I
SUSAP	KOKCK4FR17R	AEGEYU	010EGEYUK4EA0E	A	IF					18000		A JS	I
SUSAP	KOKCK4FR17R	AEGEYU	020FILUMK4EA0EE		010TF		26300050	+ 04000				A JS	I
SUSAP	KOKCK4FR17R	AFILUM	010FILUMK4EA0EE	CR	HF		17300040	+ 04000		18000		A JS	I
SUSAP	KOKCK4FR17R	R	010FILUMK4EA0E	I	IF					18000		A JS	I
SUSAP	KOKCK4FR17R	R	020IVEYIK4EA1E	F	051TF		17300063	+ 03000				A JS	I
SUSAP	KOKCK4FR17R	R	020IVEYIK4EA2WALPV		ALNAV/VNAV ALNAV							JS	I
SUSAP	KOKCK4FR17R	R	021COTOXK4EA0E	S	031TF		17300012	V 0260002606		-300		A JS	I
SUSAP	KOKCK4FR17R	R	030RW17RK4PG0GY	M	031TF		17300039	01343		-300		A JS	I
SUSAP	KOKCK4FR17R	R	040KONXUK4EA0E	M	010DF							A JS	I
SUSAP	KOKCK4FR17R	R	050JESKEK4EA0EY	R	010TFY		2758	+ 03000				A JS	I
SUSAP	KOKCK4FR17R	R	060JESKEK4EA0EE	HR	020HM		08310050	+ 03000				A JS	I

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KOKCK4GRW17R	0098001730	N35242142W097362060-0200				+0364001282000055150I					I	

	1	2	3	4	5	6	7	8	9	0	1	2	3
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CITY AND STATE OKLAHOMA CITY, OK	ELEVATION: 1295 TDZE: 1282	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17R, AMDT 2A 15 JAN 2009	SUP:
	AIRPORT NAME: WILL ROGERS WORLD			AMDT: 2
				DATED: 08/04/2005

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

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PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KOKCK4PR17R RW17R001 0000W17A0N3524214200W09736206000+036400300N3522418300W09736205200106750080000606F4005009DA2FD70I
SUSAP KOKCK4PR17R RW17R002E +03907+03907LPV 50102 000 I

CITY AND STATE
OKLAHOMA CITY, OK

ELEVATION: 1295 TDZE: 1282
AIRPORT NAME:
WILL ROGERS WORLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17R, AMDT 2A
15 JAN 2009

SUP:
AMDT: 2
DATED: 08/04/2005

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ALXOZ	ALXOZ	010	IAF	IF		FB				
	ALXOZ	FILUM	020		TF		FB	1.0	082.9 (090T)	005.0	04000
	EGEYU	EGEYU	010	IAF	IF		FB				
	EGEYU	FILUM	020		TF		FB	1.0	263.0 (270T)	005.0	04000
	FILUM	FILUM	010		HF	R	FB		173.0 (180T)	004.0	04000
		FILUM	010	PACF	IF		FB				04000
		IVEYI	020	FAF	TF		FB	0.5	173.0 (180T)	006.3	03000
		COTOX	021	SDF	TF		FB	0.3	173.0 (180T)	001.2	02600
		RW17R	030	MAP	TF		FO	0.3	173.0 (180T)	003.9	01343

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KONXU	040		DF		FB	1.0			
	JESKE	050		TF	R	FO	1.0	275.8 (283T)		03000
	JESKE	060		HM	R	FO	2.0	083.1 (090T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ALXOZ	N353549.11	W0974229.05	N3535.819	W09742.484
	COTOX	N352817.21	W0973620.80	N3528.287	W09736.347
	EGEYU	N353549.53	W0973013.32	N3535.826	W09730.222
	FILUM	N353549.47	W0973621.19	N3535.825	W09736.353
	IVEYI	N352929.49	W0973620.86	N3529.492	W09736.348
	JESKE	N352131.36	W0975112.35	N3521.523	W09751.206
	KONXU	N351846.25	W0973620.31	N3518.771	W09736.339
	RW17R	N352421.42	W0973620.60	N3524.357	W09736.343

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17R	01282	55

CITY AND STATE OKLAHOMA CITY, OK	ELEVATION: 1295 TDZE: 1282	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17R, AMDT 2A 15 JAN 2009	SUP:
	AIRPORT NAME: WILL ROGERS WORLD			AMDT: 2
				DATED: 08/04/2005

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 15 JAN 2009

CITY AND STATE WATONGA, OK	ELEVATION: 1550 TDZE: 1550 AIRPORT NAME: WATONGA REGIONAL	FACILITY IDENTIFIER: JWG	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 17, ORIG, 04/30/1992	SUP
				AMDT NONE
				DATE

QUALITY
CHECKED
1

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW28L CLIMB TO 4000 DIRECT CAKAT AND VIA 222.42 TRACK TO HLG VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 222.00 INBOUND. CHART FAS OBST: 1265 TREE 402852N/0801133W CHART 1362 TOWER 402855N/0800833W. DISTANCE TO THLD FROM 389 HAT: 1.05 NM. CHART VDP AT 1.03 MILES TO RW28L* *LNAV ONLY. WAAS CHANNEL # 97326 REFERENCE PATH ID: W28B											
HLG VOR/DME	COSLU (FO)	072.98 / 31.22	4000												
GRACE	PEETE (FB)	197.30 / 23.11	4000												
NESTO	PEETE (FB)	343.50 / 18.59	4000												
PEETE (IAF)	COSLU (NOPT) (FB)	280.19 / 3.14	4000												
COSLU (IF/IAF)	PITZ (FB)	280.15 / 6.28	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E COSLU, RT, 280.15 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>280.06</u> FAF: <u>PITZ</u> DIST FAF TO MAP: <u>5.62</u> THLD: <u>5.62</u> 4. MIN. ALT: <u>COSLU 4000, PITZ 3000, POLOE/2.90 NM TO RW28L 2100*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>PITZ</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW28L 3100</u>				MAG VAR: 8W EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF: ☐ STANDARD ☒ X SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A											
CATEGORY =====>				STANDARD											
	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	4000	389	1514	4000	389	1514	4000	389	1514	4000	389			
LNAV/VNAV DA	1548	5000	423	1548	5000	423	1548	5000	423	1548	5000	423			
LNAV MDA	1520	2400	395	1520	2400	395	1520	2400	395	1520	5000	395			
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000 AND LNAV CAT D VISIBILITY TO RVR 6000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. SEE 8260-10															
CITY AND STATE PITTSBURGH, PA				ELEVATION: 1203 TDZE: 1125 AIRPORT NAME: PITTSBURGH INTERNATIONAL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 28L, AMDT 4A 15 JAN 2009				SUP: RNAV (GPS) RWY 28L AMDT: 4 DATED 07/31/2008			

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HLG VOR/DME VIA V12 WESTBOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

CITY AND STATE

PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1125

AIRPORT NAME:

PITTSBURGH INTERNATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 28L, AMDT 4A

15 JAN 2009

SUP: RNAV (GPS) RWY
28L

AMDT: 4

DATED: 07/31/2008

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPIT
RUNWAY RW28L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W28B
LTP/FTP LATITUDE 402908.3235N
LTP/FTP LONGITUDE 0801238.1260W
LTP/FTP ELLIPSOIDAL HEIGHT +03079
FPAP LATITUDE 402912.3000N
FPAP LONGITUDE 0801510.1000W
THRESHOLD CROSSING HEIGHT (TCH) 00059.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0080
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

38123AE4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +03420
FPAP ORTHOMETRIC HEIGHT +03420

CITY AND STATE

PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1125

AIRPORT NAME:

PITTSBURGH INTERNATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 28L, AMDT 4A

15 JAN 2009

SUP: RNAV (GPS) RWY
28L

AMDT: 4

DATED: 07/31/2008

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

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

SUP:	RNAV (GPS) RWY 28L
AMDT:	4
DATED:	07/31/2008

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

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SUSAP KPITK6FR28LY R	050HLG	K6D	OVY	010TF	2224	+ 04000	A JS	I
SUSAP KPITK6FR28LY R	060HLG	K6D	OVE	HL020HM	22200050	+ 04000	A JS	I

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

SUSAP KPITK6GRW28L	0115002800	N40290832W080123813+0100	+0307901122000059200I	I
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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KPITK6PR28LY	RW28L001Y0000W28B0N4029083235W08012381260+030790300N4029123000W08015101000106500080000590F40050038123AE4I
SUSAP KPITK6PR28LY	RW28L002E +03420+03420LPV 97326 000 I

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

SUSAP KPITK6SRW28LK6PG	0	18018003125	M	I
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CITY AND STATE
PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1125
 AIRPORT NAME:
 PITTSBURGH INTERNATIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 28L, AMDT 4A
 15 JAN 2009

SUP: RNAV (GPS) RWY 28L
AMDT: 4
DATED: 07/31/2008

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GRACE	GRACE	010		IF		FB				
	GRACE	PEETE	020	IAF	TF		FB	2.0	197.3 (189T)	023.1	04000
	GRACE	COSLU	030		TF		FB	1.0	280.2 (272T)	003.1	04000
	HLG	HLG	010		IF		FB				
	HLG	COSLU	020	IAF	TF		FO	2.0	073.0 (065T)	031.2	04000
	HLG	COSLU	030		HF	R	FO		280.2 (272T)	004.0	04000
	NESTO	NESTO	010		IF		FB				
	NESTO	PEETE	020	IAF	TF		FB	2.0	343.5 (336T)	018.6	04000
	NESTO	COSLU	030		TF		FB	1.0	280.2 (272T)	003.1	04000
		COSLU	010	FACF	IF		FB				04000
		PITZ	020	FAF	TF		FB	0.5	280.2 (272T)	006.3	03000
		POLOE	021	SDF	TF		FB	0.3	280.1 (272T)	002.7	02100
		RW28L	030	MAP	TF		FO	0.3	280.1 (272T)	002.9	01181

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CAKAT	040		DF		FB	1.0			
	HLG	050		TF		FO	1.0	222.4 (214T)		04000
	HLG	060		HM	L	FO	2.0	222.0 (214T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLG	N401535.65	W0803407.05	N4015.594	W08034.119
	CAKAT	N402922.33	W0802148.29	N4029.372	W08021.805
	COSLU	N402842.58	W0795702.70	N4028.710	W07957.045
	GRACE	N405124.66	W0794802.12	N4051.411	W07948.035
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	PEETE	N402835.43	W0795255.68	N4028.591	W07952.928
	PITZ	N402856.42	W0800516.16	N4028.940	W08005.269
	POLOE	N402902.24	W0800850.23	N4029.037	W08008.837
	RW28L	N402908.32	W0801238.13	N4029.139	W08012.636

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28L	01122	59

CITY AND STATE
PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1125
 AIRPORT NAME:
 PITTSBURGH INTERNATIONAL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 28L, AMDT 4A
 15 JAN 2009

SUP: RNAV (GPS) RWY 28L
AMDT: 4
DATED: 07/31/2008

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 5 STANDARD.

RWY 23 600-2.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, BLDG AND TREES 244' FROM DER, 278' RIGHT OF CENTERLINE, UP TO 50' AGL/1689' MSL. TREES BEGINNING 956' FROM DER, 34' RIGHT OF CENTERLINE, UP TO 100' AGL/1759' MSL. TREES BEGINNING 2883' FROM DER, 278' RIGHT OF CENTERLINE, UP TO 100' AGL/1799' MSL.
NOTE: RWY 23, TREES 933' FROM DER, 201' RIGHT OF CENTERLINE, UP TO 100' AGL/1899' MSL. TREES 2360' FROM DER, 156' LEFT OF CENTERLINE, UP TO 100' AGL/1901' MSL. TREES 1.1 NM FROM DER, 1736' LEFT OF CENTERLINE, UP TO 100' AGL/2119' MSL. TREES 1.5 NM FROM DER, 1698' RIGHT OF CENTERLINE, UP TO 100' AGL/2139' MSL.

(4) CONTROLLING OBSTACLES:

RWY 23: 1899 MSL TREES 412035.25N/0752517.45W

(5) City, State

STERLING, PA

(6) Airport

SPRING HILL

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

QUA
2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 16, 34 NA - OBSTACLES.

RWY 13, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, MULTIPLE TREES, POLES AND BUILDINGS BEGINNING 82' FROM DER, 2' LEFT OF CENTERLINE, UP TO 74' AGL/106' MSL. MULTIPLE TREES, POLES AND SIGNS BEGINNING 441' FROM DER, 22' RIGHT OF CENTERLINE, UP TO 73' AGL/105' MSL. VEHICLE ON ROAD 152' FROM DER, 428' LEFT OF CENTERLINE, 15' AGL/46' MSL. TRAIN ON RAILROAD 545' FROM DER, 506' RIGHT OF CENTERLINE, 23' AGL/57' MSL.
NOTE: RWY 31 MULTIPLE TREES, POLES AND TRANSMISSION LINE TOWERS BEGINNING 81' FROM DER, 2' LEFT OF CENTERLINE, UP TO 64' AGL/94' MSL. MULTIPLE TREES, POLES AND TRANSMISSION LINE TOWERS BEGINNING 241' FROM DER, 4' RIGHT OF CENTERLINE, UP TO 56' AGL/88' MSL. TRAIN ON RAILROAD 375' FROM DER, 354' RIGHT OF CENTERLINE, 23' AGL/55' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BEAUMONT, TX

(6) Airport

BEAUMONT MUNI

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE						
WEEPE	KIYEY (FB)	271.40 / 18.63	5200	LNAV: RW17 CLIMB TO 4600 DIRECT NEGCI AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 352.89 INBOUND. CHART FAS OBST: 2854 TOWER 321655N/1012935W 2839 AAO 321814N/1012955W CHART VDP AT 1.77 MILES TO RW17. JIMAM TO RW17: 3.04/45.					
KIYEY (IAF)	YALUT (NOPT) (FB)	262.94 / 5.00	5200						
VUCUL (IAF)	YALUT (NOPT) (FB)	082.69 / 18.74	5200						
YALUT (IF/IAF)	ILEBE (FB)	172.90 / 4.31	4700						
ILEBE	JIMAM (FB)	172.89 / 5.39	4200						

1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. <u>HOLD N YALUT, RT, 172.90 INBOUND, 5200 FT. IN LIEU OF PT (IAF)</u>	
3. FAC: <u>172.89</u> FAF: <u>JIMAM</u> DIST FAF TO MAP: <u>4.97</u> THLD: <u>4.97</u>	
4. MIN. ALT: <u>YALUT 5200, ILEBE 4700, JIMAM 4200</u>	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: <u>34:1</u> IS CLEAR	
8. MSA FROM: <u>RW17 4700</u>	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY >>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	3160	3/4	598	3160	3/4	598	3160	1 1/2	598	3160	1 3/4	598			
CIRCLING	3160	1	587	3160	1	587	3160	1 1/2	587	3160	2	587			

NOTES:
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 6 NA AT NIGHT.
 CHART NOTE: CIRCLING NA EAST OF RWY 17-35.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT C.
 CHART NOTE: DME/DME RNP-0.3 NA.
 SEE 8260-10

CITY AND STATE	ELEVATION: 2573 TDZE: 2562	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE		RNAV (GPS) RWY 17, ORIG 15 JAN 2009	NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT YALUT ON V563 SOUTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VUCUL VIA V76 NORTHWEST BOUND AND ARRIVALS AT WEEPE VIA V16 EASTBOUND.

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CATS C AND D AND CIRCLING CAT C VISIBILITY 1/2 MILE, CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE

BIG SPRING, TX

ELEVATION: 2573 TDZE: 2562

AIRPORT NAME:

BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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

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

CITY AND STATE BIG SPRING, TX	ELEVATION: 2573 TDZE: 2562 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED: QUALITY

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

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

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SUSAP KBPGK4SRW17 K4PG 0 18018004725 M

CITY AND STATE
BIG SPRING, TX

ELEVATION: 2573 TDZE: 2562
AIRPORT NAME:
BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

QUALITY
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	VUCUL	VUCUL	010	IAF	IF		FB				
	VUCUL	YALUT	020		TF		FB	1.0	082.7(092T)	018.7	05200
	WEEPE	WEEPE	010		IF		FB				
	WEEPE	KIYEV	020	IAF	TF		FB	2.0	271.4(280T)	018.6	05200
	WEEPE	YALUT	030		TF		FB	1.0	262.9(272T)	005.0	05200
	YALUT	YALUT	010		HF	R	FB		172.9(182T)	005.0	05200
		YALUT	010	FACF	IF		FB				05200
		ILEBE	011	SDF	TF		FB	0.5	172.9(182T)	004.3	04700
		JIMAM	020	FAF	TF		FB	0.5	172.9(182T)	005.4	04200
		RW17	030	MAP	TF		FO	0.3	172.9(182T)	005.0	02595

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NEGCI	040		TF		FO	1.0			04600
	NEGCI	050		HM	R	FO	2.0	352.9(002T)	005.0	04600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILEBE	N322359.10	W1013050.89	N3223.985	W10130.848
	JIMAM	N321835.31	W1013103.49	N3218.589	W10131.058
	KIYEV	N322807.77	W1012446.39	N3228.130	W10124.773
	NEGCI	N320110.70	W1013144.01	N3201.178	W10131.734
	VUCUL	N322853.05	W1015249.65	N3228.884	W10152.828
	WEEPE	N322447.42	W1010306.59	N3224.790	W10103.110
	YALUT	N322817.82	W1013040.80	N3228.297	W10130.680
	RW17	N321336.56	W1013115.10	N3213.609	W10131.252

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW17	02550	45

CITY AND STATE
BIG SPRING, TX

ELEVATION: 2573 TDZE: 2562
 AIRPORT NAME:
BIG SPRING MC MAHON-WRINKLE

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 17, ORIG
15 JAN 2009

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HYMAN	PAGOC (FB)	235.89 / 13.04	4600	LNAV: RW35 CLIMB TO 5200 DIRECT YALUT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 172.90 INBOUND. FAS OBST: 2799 AAO 320654N/1013022W CHART VDP AT 1.45 MILES TO RW35. SIDUE TO RW35: 3.04/36.
BYPAS	ADIPY (FB)	103.89 / 5.40	4600	
PAGOC (IAF)	NEGCI (NOPT) (FB)	262.94 / 5.00	4600	
ADIPY (IAF)	NEGCI (NOPT) (FB)	082.84 / 5.00	4600	
NEGCI (IF/IAF)	SIDUE (FB)	352.89 / 6.00	4200	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD S NEGCI, RT, 352.89 INBOUND, 4600 FT. IN LIEU OF PT (IAF)
 3. FAC: 352.89 FAF: SIDUE DIST FAF TO MAP: 4.96 THLD: 4.96
 4. MIN. ALT: NEGCI 4600, SIDUE 4200
 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: RW35 4700

MAG VAR: 9E EPOCH YEAR: 1990

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A	STANDARD @					
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	3060	1	497	3060	1	497	3060	1 1/4	497	3060	1 1/2	497				
CIRCLING	3060	1	487	3060	1	487	3060	1 1/2	487	3140	2	567				

NOTES:
 CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 6 NA AT NIGHT.
 CHART NOTE: CIRCLING NA EAST OF RWY 17-35.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VDP NA WHEN USING MIDLAND INTL ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BIG SPRING, TX		ELEVATION: 2573 TDZE: 2563 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 15 JAN 2009	SUP: AMDT: NONE DATED
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QUALITY
CHECKED

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CATS C AND D VISIBILITY 1/2 MILE AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CITY AND STATE

BIG SPRING, TX

ELEVATION: 2573 TDZE: 2563

AIRPORT NAME:

BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KBPGK4FR35	ABYPAS	010BYPASK4EA0E		IF					18000		B JS	I
SUSAP	KBPGK4FR35	ABYPAS	020ADIPYK4EA0E	A	020TF		10390054	+	04600			B JS	I
SUSAP	KBPGK4FR35	ABYPAS	030NEGCIK4EA0EE		010TF		08280050	+	04600			B JS	I
SUSAP	KBPGK4FR35	AHYMAN	010HYMANK4EA0E		IF					18000		B JS	I
SUSAP	KBPGK4FR35	AHYMAN	020PAGOCK4EA0E	A	020TF		23590130	+	04600			B JS	I
SUSAP	KBPGK4FR35	AHYMAN	030NEGCIK4EA0EE		010TF		26290050	+	04600			B JS	I
SUSAP	KBPGK4FR35	ANEGCI	010NEGCIK4EA0EE	CR	HF		35290050	+	04600	18000		B JS	I
SUSAP	KBPGK4FR35	R	010NEGCIK4EA0E	I	IF			+	04600	18000		B JS	I
SUSAP	KBPGK4FR35	R	020SIDUEK4EA1E	F	051TF		35290060	+	04200		RW35	K4PGB JS	I
SUSAP	KBPGK4FR35	R	020SIDUEK4EA2WN			N	ALNAV					JS	I
SUSAP	KBPGK4FR35	R	030RW35 K4PG0GY	M	031TF		35290050		02598	-304		B JS	I
SUSAP	KBPGK4FR35	R	040YALUTK4EA0EYM		010TF			+	05200			B JS	I
SUSAP	KBPGK4FR35	R	050YALUTK4EA0EE	HR020HM			17290050	+	05200			B JS	I

[illegible]

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

CITY AND STATE BIG SPRING, TX	ELEVATION: 2573 TDZE: 2563 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
			RNAV (GPS) RWY 35, ORIG	AMDT: NONE
			15 JAN 2009	DATED:

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

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

MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KBPGK4SRW35 K4PG 0 18018004725 M I

CITY AND STATE
BIG SPRING, TX

ELEVATION: 2573 TDZE: 2563
AIRPORT NAME:
BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
15 JAN 2009

SUP:
AMDT: NONE
DATED:

QUALITY
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BYPAS	BYPAS	010		IF		FB				
	BYPAS	ADIPIY	020	IAF	TF		FB	2.0	103.9 (113T)	005.4	04600
	BYPAS	NEGCI	030		TF		FB	1.0	082.8 (092T)	005.0	04600
	HYMAN	HYMAN	010		IF		FB				
	HYMAN	PAGOC	020	IAF	TF		FB	2.0	235.9 (245T)	013.0	04600
	HYMAN	NEGCI	030		TF		FB	1.0	262.9 (272T)	005.0	04600
	NEGCI	NEGCI	010		HF	R	FB		352.9 (002T)	005.0	04600
		NEGCI	010	FACF	IF		FB				04600
		SIDUE	020	FAF	TF		FB	0.5	352.9 (002T)	006.0	04200
		RW35	030	MAP	TF		FO	0.3	352.9 (002T)	005.0	02598

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	YALUT	040		TF		FO	1.0			05200
	YALUT	050		HM	R	FO	2.0	172.9 (182T)	005.0	05200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADIPIY	N320120.48	W1013736.69	N3201.341	W10137.612
	BYPAS	N320326.77	W1014327.48	N3203.446	W10143.458
	HYMAN	N320634.10	W1011158.18	N3206.568	W10111.970
	NEGCI	N320110.70	W1013144.01	N3201.178	W10131.734
	PAGOC	N320100.65	W1012551.35	N3201.011	W10125.856
	SIDUE	N320711.29	W1013130.04	N3207.188	W10131.501
	YALUT	N322817.82	W1013040.80	N3228.297	W10130.680
	RW35	N321209.51	W1013118.48	N3212.159	W10131.308

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW35	02562	36	

CITY AND STATE BIG SPRING, TX	ELEVATION: 2573 TDZE: 2563 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 15 JAN 2009	SUP:
				AMDT: NONE
				DATED:

QUALITY
Checked

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: BGS 9.69 DME FIX
BGS VORTAC (IF/IAF)	DUMMO/BGS 6.00 DME	180.26 / 6.00	3800	CLIMB TO 6000 VIA BGS VORTAC R-180 TO TAYOL INT/BGS 19.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 000.26 INBOUND. CHART FAS OBST: 2919 TREE 321343N/1012937W CHART VDP AT 7.86 DME; DISTANCE VDP TO THLD 1.84 MILES. DUMMO TO RW17: 3.08/45.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD N BGS VORTAC, RT, 180.26 INBOUND, 4300 FT. IN LIEU OF PT (IAF)
 3. FAC 180.26 FAF DUMMO/BGS 6.00 DME DIST FAF TO MAP - THLD 3.69
 4. MIN. ALT BGS VORTAC 4300, DUMMO 3800
 8. MSA FROM: BGS VORTAC 4700

MAG VAR: 11E

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			STANDARD @						
CATEGORY ==>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-17		3180	3/4	618	3180	3/4	618	3180	1 3/4	618	3180	2	618			
CIRCLING		3180	1	607	3180	1	607	3180	1 3/4	607	3180	2	607			

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 6 NA AT NIGHT.

CHART NOTE: CIRCLING NA EAST OF RWY 17-35.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-17 CAT C, WHEN USING MIDLAND INTL ALTIMETER

SETTING INOPERATIVE TABLE DOES NOT APPLY TO S-17 CAT B.

SEE 8260-10

© NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BIG SPRING, TX	ELEVATION: 2573 TDZE: 2562 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	FACILITY IDENTIFIER: BGS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 17, AMDT 8 15 JAN 2009	SUP VOR/DME OR GPS RWY 17
				AMDT 7B
				DATE 08/03/2006

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON BGS VORTAC AIRWAY RADIALS 249 CW 075.

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

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE S-17 CATS B, C AND D AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE, CIRCLING CAT B VISIBILITY 1/4 MILE.

CITY AND STATE

BIG SPRING, TX

ELEVATION: 2573 TDZE: 2562

AIRPORT NAME:

BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:

BGS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

VOR/DME RWY 17, AMDT 8

15 JAN 2009

SUP: VOR/DME OR GPS
RWY 17

AMDT: 7B

DATED: 08/03/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES					MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE			ALTITUDE	MAP: BGS 11.12 DME FIX			
BGS VORTAC	MYRTS/17.00 DME	179.05 / 17.00			4500	CLIMB TO 4500 DIRECT TO BGS VORTAC AND HOLD.			
					ADDITIONAL FLIGHT DATA: HOLD N, RT, 180.26 INBOUND. FAS OBST: 2819 AAO 320631N/1013018W CHART VDP AT 12.64 DME; DISTANCE VDP TO THLD 1.51 MILES. MYRTS TO RW35: 3.05/36.				
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD <u>S</u> MYRTS, RT, 359.05 INBOUND, 4500 FT. IN LIEU OF PT (IAF) 3. FAC <u>359.05</u> FAF MYRTS/17.00 DME DIST FAF TO MAP <u> </u> - THLD <u>5.88</u> 4. MIN. ALT <u>MYRTS/17.00 DME 4500</u> 8. MSA FROM: <u>BGS VORTAC 4700</u>									
					MAG VAR: 11E		EPOCH YEAR: 1965		
MINIMUMS									
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @
CATEGORY =====>	A		B		C		D		E
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	3080	1	517	3080	1	517	3080	1 1/2	517
CIRCLING	3080	1	507	3080	1	507	3080	1 1/2	507
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 6 NA AT NIGHT. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: CIRCLING NA EAST OF RWY 17-35. CHART NOTE: VDP NA WHEN USING MIDLAND INTL ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND SEE 8260-10									
CITY AND STATE		ELEVATION: 2573 TDZE: 2563		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP VOR/DME OR GPS	
BIG SPRING, TX		AIRPORT NAME:		BGS		VOR/DME RWY 35, AMDT 8		RWY 35	
		BIG SPRING MC MAHON-WRINKLE				15 JAN 2009		AMDT 7A	
								DATE 08/03/2006	

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

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

NOTES CONT.

INCREASE ALL MDA 140 FEET, INCREASE S-35 CATS C AND D AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.

CITY AND STATE
BIG SPRING, TX

ELEVATION: 2573 TDZE: 2563
AIRPORT NAME:
BIG SPRING MC MAHON-WRINKLE

FACILITY
IDENTIFIER:
BGS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
VOR/DME RWY 35, AMDT 8

15 JAN 2009

SUP: **VOR/DME OR GPS**
RWY 35

AMDT: **7A**

DATED: **08/03/2006**

CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 16, 34 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, TREELINE 875' FROM DER, 190' RIGHT OF CENTERLINE, 30' AGL/931' MSL. MULTIPLE POLES BEGINNING 457' FROM DER, 130' RIGHT TO 68' LEFT OF CENTERLINE, 40' AGL/920' MSL. NDB 784' FROM DER, 246' LEFT OF CENTERLINE, 34' AGL/914' MSL.
NOTE: RWY 34, TREE 2,199' FROM DER, 987' RIGHT OF CENTERLINE, 30' AGL/1,029' MSL. TERRAIN BEGINNING 2,121' FROM DER, 1,014' RIGHT OF CENTERLINE, UP TO 0' AGL/981' MSL. VEHICLE ON ROAD 483' FROM DER, 4' RIGHT OF CENTERLINE, 15' AGL/935' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

FORT HOOD ,TX ,

(6) Airport

HOOD AAF

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

1

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, 19 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 19 - CLIMB HEADING 189.80 TO 1900 BEFORE TURNING EAST.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 1, MULTIPLE POLES BEGINNING 317' FROM DER, 384' LEFT OF CENTERLINE, UP TO 27' AGL/868' MSL. TREE 973' FROM DER, 100' LEFT OF CENTERLINE, 28' AGL/876' MSL. BLDG 486' FROM DER, 9' RIGHT OF CENTERLINE, 13' AGL/854' MSL. ANTENNA 351' FROM DER, 277' RIGHT OF CENTERLINE, 11' AGL/852' MSL.
NOTE: RWY 19, POLE 288' FROM DER, 588' RIGHT OF CENTERLINE, 32' AGL/880' MSL. BLDG 102' FROM DER, 411' RIGHT OF CENTERLINE, 8' AGL/856' MSL. VEHICLE ON ROAD 232' FROM DER, 499' RIGHT OF CENTERLINE, 15' AGL/867' MSL. POLE 256' FROM DER, 497' LEFT OF CENTERLINE, 32' AGL/873' MSL. BLDG 276' FROM DER, 342' LEFT OF CENTERLINE, 11' AGL/859' MSL. BLDG 298' FROM DER, 83' LEFT OF CENTERLINE, 9' AGL/857' MSL.

(4) CONTROLLING OBSTACLES:

RWY 19: 2049 MSL TOWER 305909.00N/0973753.00W

(5) City, State

KILLEEN, TX

(6) Airport

SKYLARK FIELD

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

2

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.88 MILES AFTER MAGGS LOM/I-EAU 7.27 DME OR AT I-EAU 1.39 DME FIX CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2900 DIRECT EA LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2900 VIA HEADING 020.00 AND EAU VORTAC R-322 TO TONOC/12.00 DME AND HOLD SE, RT, 321.93 INBOUND (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD NE, RT, 223.98 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE TONOC/EAU VORTAC 12.00 DME, RT, 321.93 INBOUND. CHART FAS OBST: 957 OAK TREE CLUMP 445244N/0912751W CHART VDP AT 2.39 DME; DISTANCE VDP TO THLD 0.99 MILES. CHART EAU R-322 AT TONOC. CHART EAU R-176 AT WUMBO. CHART: 1189 TOWER 445657N/0912255W			
EAU VORTAC	MAGGS LOM/I-EAU 7.27 DME	056.68 / 5.28	2900				
TONOC/EAU 12.00 DME CW (IAF)	JATOS/EAU 12.00 DME (NOPT)	12.00 DME ARC (EAU LR-037)	2900				
WUMBO/EAU 12.00 DME CCW (IAF)	JATOS/EAU 12.00 DME (NOPT)	12.00 DME ARC (EAU LR-057)	2900				
JATOS/EAU 12.00 DME (IF)	MAGGS LOM/I-EAU 7.27 DME	223.98 / 6.79 (I-EAU)	2900				
1. PT <u>L</u> SIDE OF COURSE <u>043.98</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>MAGGS LOM</u> (IAF) 2. _____ 3. FAC: <u>223.98</u> FAF: <u>MAGGS LOM/I-EAU 7.27 DME</u> DIST FAF TO MAP: <u>5.88</u> THLD: <u>5.88</u> 4. MIN. ALT: <u>MAGGS LOM 2900</u> 5. DIST TO THLD FROM OM: <u>5.88</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>1116</u> 6. MIN GS INCPT: <u>2900</u> GS ALT AT: <u>GS INTCP</u> OM: <u>2866</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.7</u> 8. MSA FROM: <u>EA LOM 090-180 4100, 180-090 3200</u>				MAG VAR: 1E EPOCH YEAR: 1995			
MINIMUMS							
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X		
CATEGORY =====>	A		B		C		D
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA
S-ILS 22	1113	1/2	200	1113	1/2	200	1113
S-LOC 22	1280	1/2	367	1280	1/2	367	1280
CIRCLING	1480	1	567	1500	1	587	1660
NOTES: CHART PLANVIEW NOTE: ADF OR DME REQUIRED. CHART PROFILE NOTE: USE I-EAU DME WHEN ON THE LOCALIZER COURSE. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING RICE LAKE ALTIMETER SETTING, INCREASE S-ILS 22 VISIBILITY TO 1 MILE ALL CATS. SEE 8260-10							
CITY AND STATE		ELEVATION: 913 TDZE: 913		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
EAU CLAIRE, WI		AIRPORT NAME:		I-EAU		ILS OR LOC RWY 22, AMDT 8	
		CHIPPEWA VALLEY RGNL				15 JAN 2009	
						SUP:	
						AMDT: 7	
						DATED 03/15/2007	

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICE LAKE ALTIMETER SETTING AND INCREASE DA 109 FEET AND ALL MDA 120 FEET, INCREASE S-LOC 22 CAT C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/2 MILE.

CITY AND STATE

EAU CLAIRE, WI

ELEVATION: 913 TDZE: 913

AIRPORT NAME:

CHIPPEWA VALLEY RGNL

FACILITY
IDENTIFIER:

I-EAU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 22, AMDT 8

15 JAN 2009

SUP:

AMDT: 7

DATED: 03/15/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC/DME BC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM		TO			COURSE AND DISTANCE				ALTITUDE		MAP: PECIV/I-EAU 0.49 DME										
MAGGS LOM		UKLUW/I-EAU 5.50 DME			223.85 / 12.76				2900		CLIMB TO 2900 DIRECT EA LOM AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, RT, 223.98 INBOUND. CHART FAS OBST: 1129 TREE 445019N/0913052W CHART VDP AT 1.22 DME; DISTANCE VDP TO THLD 1.41 MILES. CHART EAU R-341 AT UCACI. CHART EAU R-088 AT VIYUR. UKLUW TO RW4: 2.93/44.										
EAU VORTAC		UKLUW/I-EAU 5.50 DME			212.02 / 7.71				2900												
VIYUR/EAU VORTAC 14.00 DME CW (IAF)		ZOSPO/EAU 14.00 DME (NOPT)			14.00 DME ARC (EAU LR-207)				2900												
UCACI/EAU VORTAC 14.00 DME CCW (IAF)		ZOSPO/EAU 14.00 DME (NOPT)			14.00 DME ARC (EAU LR-225)				2900												
ZOSPO/EAU 14.00 DME (IF)		UKLUW/I-EAU 5.50 DME			043.96 / 6.33 (I-EAU)				2700												
1. PT <u>L</u> SIDE OF COURSE <u>223.96</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>UKLUW</u> (IAF) 2. _____ 3. FAC <u>043.96</u> FAF <u>UKLUW/I-EAU 5.50 DME</u> DIST FAF TO MAP <u>-</u> THLD <u>5.69</u> 4. MIN. ALT <u>UKLUW 2700, YARGU/I-EAU 2.41 DME 1740</u> 8. MSA FROM: <u>EAU VORTAC 090-180 4100, 180-090 3200</u>										MAG VAR: 1E EPOCH YEAR: 1995											
MINIMUMS																					
TAKEOFF:		STANDARD		☒		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		☒							
CATEGORY =====>		A			B			C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-4	1380	1	491	1380	1	491	1380	1 1/4	491	1380	1 1/2	491									
CIRCLING	1460	1	547	1500	1	587	1500	1 1/2	587	1660	2 1/2	747									
NOTES: CHART NOTE: ADF REQUIRED. CHART PROFILE NOTE: USE I-EAU DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: DISREGARD GLIDE SLOPE INDICATIONS. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICE LAKE ALTIMETER SETTING AND SEE 8260-10																					
CITY AND STATE				ELEVATION: 913 TDZE: 889				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP					
EAU CLAIRE, WI				AIRPORT NAME:				I-EAU				LOC/DME BC RWY 4, AMDT 9				AMDT 8A					
				CHIPPEWA VALLEY RGNL								15 JAN 2009				DATE 10/24/2000					

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC/DME BC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25

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

NOTES CONT.

INCREASE ALL MDA 120 FEET, INCREASE S-4 CATS C AND D AND CIRCLING CAT C VISIBILITY 1/2 MILE,
INCREASE CIRCLING CAT D 1/4 MILE.

CITY AND STATE

EAU CLAIRE, WI

ELEVATION: 913 TDZE: 889

AIRPORT NAME:

CHIPPEWA VALLEY RGNL

FACILITY
IDENTIFIER:

I-EAU

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC/DME BC RWY 4, AMDT 9

15 JAN 2009

SUP:

AMDT: 8A

DATED: 10/24/2000

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE			ILS: DA LOC: 5.10 MILES AFTER ODUYA INT/6.24 DME OR AT I-STE 1.14 DME FIX CLIMB TO 2800 THEN LEFT TURN DIRECT STE VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AUW VORTAC AND HOLD N, RT, 193.46 INBOUND. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 025.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD N AUW VORTAC, RT, 193.46 INBOUND. CHART FAS OBST: 1259 TREE 443521N/0892928W CHART VDP AT 2.31 DME; DISTANCE VDP TO THLD 1.17 MILES. CHART STE R-090 AT HONUD. CHART STE R-354 AT TAYUY. CHART IN PLANVIEW: AUW VORTAC.						
STE VORTAC		ODUYA INT/6.24 DME		029.81 / 5.71			2900									
AUW VORTAC (IAF)		JUVOP INT/12.53 DME (NOPT)		131.13 / 11.32			2800									
TAYUY/STE VORTAC 12.00 DME CW (IAF)		JUVOP INT/12.53 DME (NOPT)		12.00 DME ARC (STE LR-020)			2800									
HONUD/STE VORTAC 12.00 DME CCW (IAF)		JUVOP INT/12.53 DME (NOPT)		12.00 DME ARC (STE LR-040)			2800									
JUVOP INT/12.53 DME (IF)		ODUYA INT/6.24 DME		210.64 / 6.29 (I-STE)			2800									
1. PT <u>R</u> SIDE OF COURSE <u>030.64</u> OUTBOUND <u>2900</u> FT WITHIN <u>10</u> MILES OF <u>ODUYA</u> (IAF) 2. _____ 3. FAC: <u>210.64</u> FAF: <u>ODUYA INT/6.24 DME</u> DIST FAF TO MAP: <u>5.10</u> THLD: <u>5.10</u> 4. MIN. ALT: <u>ODUYA 2800, UKENE INT/3.04 DME 1760</u> 5. DIST TO THLD FROM OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>875</u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>ODUYA INT/6.24 DME 2800</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>44.0</u> 8. MSA FROM: <u>STE VORTAC 270-360 3600, 360-270 2900</u>										MAG VAR: 1W		EPOCH YEAR: 1995				
MINIMUMS																
TAKEOFF:		STANDARD		☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT		ALTERNATE: N A		☒								
CATEGORY =====>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 21	1310	3/4	200	1310	3/4	200	1310	3/4	200	1310	3/4	200				
S-LOC 21	1760	3/4	650	1760	3/4	650	1760	1 3/4	650	1760	2	650				
CIRCLING	1760	1	650	1760	1	650	1760	1 3/4	650	1800	2 1/4	690				
UKENE FIX MINIMUMS																
S-LOC 21	1520	3/4	410	1520	3/4	410	1520	1 1/4	410	1520	1 1/4	410				
CIRCLING	1580	1	470	1580	1	470	1660	1 1/2	550	1800	2 1/4	690				
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 21 CAT C. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AUW VORTAC VIA V26 WEST BOUND. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSINEE ALTIMETER SETTING AND INCREASE SEE 8260-10																
CITY AND STATE STEVENS POINT, WI				ELEVATION: 1110 TDZE: 1110 AIRPORT NAME: STEVENS POINT MUNI				FACILITY IDENTIFIER: I-STE		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 21, ORIG 15 JAN 2009				SUP: AMDT: NONE DATED		

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

DA AND UKENE FIX MDA 60 FEET, INCREASE S-ILS 21 VISIBILITY 1/4 MILE ALL CATS. UKENE FIX
MINIMUMS: INCREASE S-LOC 21 CAT D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING MOSINEE ALTIMETER SETTING.

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

CITY AND STATE

STEVENS POINT, WI

ELEVATION: 1110 TDZE: 1110

AIRPORT NAME:

STEVENS POINT MUNI

FACILITY
IDENTIFIER:
I-STE

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 21, ORIG

15 JAN 2009

SUP:

AMDT: NONE

DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, 21, 12, 30, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 1175' FROM DER, 649' LEFT OF CENTERLINE, 54' AGL/1173' MSL. TREE 2693' FROM DER, 556' RIGHT OF CENTERLINE, 62' AGL/1181' MSL. NOTE: RWY 21, TREES BEGINNING 1127' FROM DER, 119' RIGHT OF CENTERLINE, UP TO 100' AGL/1209' MSL. TREES BEGINNING 1247' FROM DER, 151' LEFT OF CENTERLINE, UP TO 45' AGL/1153' MSL. NOTE: RWY 12, POLES BEGINNING 177' FROM DER, 197' RIGHT OF CENTERLINE, UP TO 37' AGL/1126' MSL. TREES BEGINNING 757' FROM DER, 27' RIGHT OF CENTERLINE, UP TO 95' AGL/1204' MSL. TREES BEGINNING 958' FROM DER, 112' LEFT OF CENTERLINE, UP TO 87' AGL/1196' MSL.

(CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

(5) City, State

STEVENS POINT, WI

(6) Airport

STEVENS POINT MUNI

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

ORIG

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

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

NOTE: RWY 30, BUILDING 217' FROM DER, 535' LEFT OF CENTERLINE, 30' AGL/1139' MSL. VEHICLE AND ROAD 499' FROM DER, ON CENTERLINE, 15' AGL/1124' MSL. TREES
BEGINNING 848' FROM DER, 66' LEFT OF CENTERLINE, UP TO 87' AGL/1206' MSL. TREES BEGINNING 869' FROM DER, 139' RIGHT OF CENTERLINE, UP TO 81' AGL/1210' MSL.

City, State STEVENS POINT, WI		Airport STEVENS POINT MUNI		Effective Date 15 JAN 2009	Amdt. No. ORIG
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5: STANDARD.

RWY 23: 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 238 FEET PER NM TO 3300.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 5: CLIMB HEADING 048.87 TO 3900 BEFORE TURNING SOUTH.

RWY 23: CLIMBING RIGHT TURN VIA BLF R-270 TO 4500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 14' FROM DER, 370' LEFT OF CENTERLINE, UP TO 100' AGL/2939' MSL. TREES BEGINNING 15' FROM DER, 391' RIGHT OF CENTERLINE, UP TO 100' AGL/2959' MSL.

NOTE: RWY 23, TREES BEGINNING AT DER, 258' LEFT OF CENTERLINE, UP TO 100' AGL/2939' MSL. TREES BEGINNING 140' FROM DER, 74' RIGHT OF CENTERLINE, UP TO 100' AGL/3159' MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 4242 MSL TOWER, 371505.00N-0811119.00W.

RWY 23: 4284 MSL TOWER, 371312.30N-0811519.00W; 3139 MSL TREE, 371612.62N-0811421.93W; 3159 MSL TREE, 371614.10N-0811419.38W; 3147 MSL TREE, 371617.08N-0811412.67W.

(5) City, State

BLUEFIELD, WV

(6) Airport

MERCER COUNTY

(7) Effective Date

15 JAN 2009

(8) Amdt. No.

AMDT 4

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30639 ; Amdt. No. 3297]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

For Examination -

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

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

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

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

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

Availability - All SIAPs are available online free of charge.

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

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

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

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

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

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

THE RULE

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

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

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

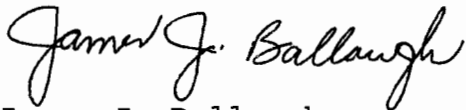
CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on November 14, 2008

A handwritten signature in black ink, reading "James J. Ballough". The signature is written in a cursive, flowing style.

James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

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, ISMLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows: EFFECTIVE UPON PUBLICATION

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
11/11/08	IA	PERRY	PERRY MUNI	8/6135	NDB RWY 14, AMDT 2A
11/11/08	IA	PERRY	PERRY MUNI	8/6136	GPS RWY 14, ORIG-A
11/11/08	IA	PERRY	PERRY MUNI	8/6137	NDB RWY 32, AMDT 5A
11/11/08	OR	AURORA	AURORA STATE	8/7664	RNAV (GPS) RWY 35, ORIG
11/11/08	WI	MOSINEE	CENTRAL WISCONSIN	8/7680	VOR OR GPS A, AMDT 8
11/11/08	WI	WAUSAU	WAUSAU DOWNTOWN	8/7681	VOR OR GPS A, AMDT 18
11/3/08	AK	DEADHORSE	DEADHORSE	8/7694	ILS OR LOC/DME RWY 5, 2B
11/11/08	CA	SAN DIEGO	SAN DIEGO INTL	8/8050	ILS OR LOC RWY 9, AMDT 1A
11/11/08	CA	TORRANCE	ZAMPERINI FIELD	8/8053	ILS OR LOC RWY 29R, AMDT 2A
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8129	GPS RWY 14L, ORIG-A
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8130	GPS RWY 32R, ORIG-A
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8131	RNAV (GPS) RWY 32L, ORIG-A
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8134	ILS OR LOC RWY 32R, ORIG-B
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8135	ILS OR LOC RWY 14R, ORIG-B
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8136	ILS/DME RWY 14L, ORIG-A
11/11/08	IL	BELLEVILLE	SCOTT AFB/MIDAMERICA	8/8137	RNAV (GPS) RWY 14R, ORIG-A
11/11/08	FL	ST AUGUSTINE	ST AUGUSTINE	8/8408	VOR RWY 13, ORIG
11/7/08	NY	ROME	GRIFFISS AIRFIELD	8/8485	VOR/DME RWY 33, ORIG
11/11/08	GA	PERRY	PERRY-HOUSTON COUNTY	8/8543	RNAV (GPS) RWY 18, ORIG
11/7/08	NY	NEW YORK	LA GUARDIA	8/8554	LDA-A, AMDT 2A

FDC 8/6135 PRO FI/P PERRY MUNI, PERRY, IA. NDB RWY 14, AMDT 2A...S-14 MDA 1640/HAT 628 CAT A/B. CIRCLING MDA 1640/HAA 627 CAT A/B. CAT C/D MINIMUMS NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOONE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. DELETE BOONE ALTIMETER SETTING MINIMUMS. AIRPORT ELEVATION: 1013 TDZE: 1012. THIS IS NDB RWY 14, AMDT 2B.

FDC 8/6136 PRO FI/P PERRY MUNI, PERRY, IA. GPS RWY 14, ORIG-A...S-14 HAT 468 ALL CATS. CIRCLING HAA 467 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOONE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. DELETE BOONE ALTIMETER SETTING MINIMUMS. AIRPORT ELEVATION: 1013 TDZE: 1012. THIS IS GPS RWY 14, ORIG-B.

FDC 8/6137 PRO FI/P PERRY MUNI, PERRY, IA. NDB RWY 32, AMDT 5A...S-32 MDA 1680/HAT 668 CAT A/B. CIRCLING MDA 1680/HAA 667 CAT A/B. CAT C/D MINIMUMS NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BOONE ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. DELETE BOONE ALTIMETER SETTING MINIMUMS. AIRPORT ELEVATION: 1013 TDZE: 1012 THIS IS NDB RWY 32, AMDT 5B.

FDC 8/7664 UAO FI/P AURORA STATE, AURORA, OR. RNAV (GPS) RWY 35, ORIG...LNAV MDA 620/HAT 421 ALL CATS. VISIBILITY CAT C 1 1/4. DELETE NOTE: BARO-VNAV NA BELOW -15C (5F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCMINNVILLE MUNI ALTIMETER SETTING AND INCREASE ALL DA 42 FEET AND MDA 60 FEET; INCREASE LPV, LNAV/VNAV VISIBILITIES 1/4 MILE ALL CATS, INCREASE LNAV CAT D VISIBILITY TO 1 1/2. CHART NOTE: BARO-VNAV NA WHEN USING MCMINNVILLE MUNI ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 35, ORIG-A.

FDC 8/7680 CWA FI/P CENTRAL WISCONSIN, MOSINEE, WI. VOR OR GPS A, AMDT 8...CHART WAUSAU DOWNTOWN AIRPORT. CHART PLANVIEW NOTE: DO NOT CONFUSE WAUSAU DOWNTOWN AIRPORT WITH MOSINEE/CENTRAL WISCONSIN AIRPORT. THIS IS VOR OR GPS A, AMDT 8A.

FDC 8/7681 AUW FI/P WAUSAU DOWNTOWN, WAUSAU, WI. VOR OR GPS A, AMDT 18...CHART MOSINEE/CENTRAL WISCONSIN AIRPORT. CHART PLANVIEW NOTE: DO NOT CONFUSE MOSINEE/CENTRAL WISCONSIN AIRPORT WITH WAUSAU DOWNTOWN AIRPORT. THIS IS VOR OR GPS A, AMDT 18A.

FDC 8/7694 SCC FI/P DEADHORSE, DEADHORSE, AK. ILS OR LOC/DME RWY 5, AMDT 2B...CHART NOTE: VISIBILITY CATS A/ B/ C/ D, RVR 1800
AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 5 LINE OF MINIMUMS. THIS IS ILS OR LOC/DME RWY 5, AMDT 2C.

FDC 8/8050 SAN FI/P SAN DIEGO INTL, SAN DIEGO, CA. ILS OR LOC RWY 9, AMDT 1A...MSA FROM: MZB VORTAC 040-160 5400, 160-310 2100, 310-040 4400. THIS IS ILS OR LOC RWY 9, AMDT 1B.

FDC 8/8053 TOA FI/P ZAMPERINI FIELD, TORRANCE, CA. ILS OR LOC RWY 29R, AMDT 2A...LOS ANGELES ALTIMETER SETTING MINIMUMS: S-ILS 29R CATS A/B DA 405/HAT 308. VISIBILITY CATS A/B 1. CATS C/D NA. S-LOC 29R CATS A/B MDA 660/HAT 563. VISIBILITY CATS A/B 1. CATS C/D NA. CIRCLING CATS A/B MDA 660/HAA 557. VISIBILITY CATS A/B 1. CATS C/D NA. THIS IS ILS OR LOC RWY 29R, AMDT 2B.

FDC 8/8129 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. GPS RWY 14L, ORIG-A...CIRCLING MDA CAT A/B 1000/HAA 541, CAT C 1060/HAA 601, CAT D 1240/HAA 781. VISIBILITY CAT D 2 1/2. CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. CHART: 5NM LEG LENGTH FOR HOLDING AT DUTMY. THIS IS GPS RWY 14L, ORIG-B.

FDC 8/8130 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. GPS RWY 32R, ORIG-A...CIRCLING MDA CAT A/B 1000/HAA 541, CAT C 1060/HAA 601, CAT D 1240/HAA 781. VISIBILITY CAT D 2 1/2. CHART: 5NM LEG LENGTH FOR HOLDING AT DUTMY. THIS IS GPS RWY 32R, ORIG-B..

FDC 8/8131 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. RNAV (GPS) RWY 32L, ORIG-A...LNAV MDA 920/HAT 482 ALL CATS, VIS CAT D RVR 5000. CIRCLING CATS A/B MDA 1000/HAA 541, CAT D MDA 1240/HAA 781. CAT D VISIBILITY 2 1/2. CHART VDP AT 1.29 NM TO RW32L. CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 32L, ORIG-B.

FDC 8/8134 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. ILS OR LOC RWY 32R, ORIG-B...CIRCLING CAT A/B MDA 1000/HAA 541, CAT C MDA 1060/HAA 601, CAT D MDA 1240/HAA 781. VIS CAT D 2 1/2. ALTERNATE MINIMUMS: ILS: STANDARD, EXCEPT CAT C 700-2, CAT D 800-2 1/2, CAT E 800-2 3/4. LOC: STANDARD, EXCEPT CAT D 800-2 1/2, CAT E 800-2 3/4. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 32R, ORIG-C.

FDC 8/8135 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. ILS OR LOC RWY 14R, ORIG-B...CIRCLING CAT D MDA 1240/HAA 781. VIS CAT D 2 1/2. ALTERNATE MINIMUMS: ILS: STANDARD, EXCEPT CAT C 700-2, CAT D 800-2 1/2, CAT E 800-2 3/4. LOC: STANDARD, EXCEPT CAT D 800-2 1/2, CAT E 800-2 3/4. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS ILS OR LOC RWY 14R, ORIG-C.

FDC 8/8136 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. ILS/DME RWY 14L, ORIG-A...CIRCLING MDA CAT A/B 1000/HAA 541, CAT C 1060/HAA 601, CAT D 1240/HAA 781. VISIBILITY CAT D 2 1/2. ALTERNATE MINIMUMS: ILS: STANDARD, EXCEPT CAT C 700-2, CAT D 800-2 1/2, CAT E 800-2 3/4. LOC: STANDARD, EXCEPT CAT D 800-2 1/2, CAT E 800-2 3/4. CHART PLANVIEW NOTE: DME REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC/DME RWY 14L, ORIG-B.

FDC 8/8137 BLV FI/P SCOTT AFB/MIDAMERICA, BELLEVILLE, IL. RNAV (GPS) RWY 14R, ORIG-A...CIRCLING CAT D MDA 1240/HAA 781. VISIBILITY CAT D 2 1/2. THIS IS RNAV (GPS) RWY 14R, ORIG-B.

FDC 8/8408 SGJ FI/P ST AUGUSTINE, ST AUGUSTINE, FL. VOR RWY 13, ORIG...S-13 MDA 540/HAT 530 ALL CATS. VIS CAT C 1 1/2, CAT D 1 3/4. CIRCLING MDA 540 CATS A/B/C. CHART FAS OBST: 240 TOWER 300239N/0812523W CHANGE "DME MINIMUMS" TO READ "WAKIM FIX MINIMUMS". CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. WIKAM TO RW13: 3.42/44 CHART MINIMUM ALTITUDE AT WIKAM 540. THIS IS VOR RWY 13, ORIG-A.

FDC 8/8485 RME FI/P GRIFFISS AIRFIELD, ROME, NY. VOR/DME RWY 33, ORIG...MISSED APPROACH: CLIMB TO 1300, THEN CLIMBING RIGHT TURN TO 3500 VIA HEADING 180 AND UCA R-332 TO UCA VORTAC AND HOLD. THIS IS VOR/DME RWY 33, ORIG-A.

FDC 8/8543 PXE FI/P PERRY-HOUSTON COUNTY, PERRY, GA. RNAV (GPS) RWY 18, ORIG...DELETE NOTE: BARO-VNAV NA WHEN USING MIDDLE GEORGIA RGNL ALTIMETER SETTING. DELETE NOTE: VDP NA WHEN USING MIDDLE GEORGIA RGNL ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 18, ORIG-A.

FDC 8/8554 LGA FI/P LA GUARDIA, NEW YORK, NY. LDA A, AMDT 2A...DELETE: COHOP INT TO RW22: 3.60 / 52. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS LDA A, AMDT 2B.