

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-13

MAY 16, 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. 30609; Amdt. No 3270]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

FOR FURTHER INFORMATION CONTACT: Harry J. Hodges, Flight
Procedure Standards Branch (AFS-420), Flight Technologies and
Programs 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. This, 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 May 16, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Under Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by establishing, amending, suspending, or revoking Standard Instrument Approach Procedures and/or Takeoff Minimums and/or Obstacle Departure Procedures effective at 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 3 JUL 2008

Tallahassee/Havana, FL, Tallahassee Commercial, RNAV (GPS) RWY 16, Orig
Tallahassee/Havana, FL, Tallahassee-Commercial, Takeoff Minimums and Obstacle
DP, Orig
Lone Rock, WI, Tri-County Rgnl, Takeoff Minimums and Obstacle DP, Amdt 4

Effective 31 JUL 2008

Adak Island, AK, Adak, Takeoff Minimums and Obstacle DP, Amdt 2
Bethel, AK, Bethel, ILS OR LOC/DME RWY 19R, Amdt 6
Bethel, AK, Bethel, LOC/DME BC RWY 1L, Amdt 6
Bethel, AK, Bethel, NDB RWY 18, Amdt 8C, CANCELLED
Bethel, AK, Bethel, RNAV (GPS) RWY 1L, Amdt 1
Bethel, AK, Bethel, RNAV (GPS) RWY 1R, Orig
Bethel, AK, Bethel, RNAV (GPS) RWY 19L, Orig
Bethel, AK, Bethel, RNAV (GPS) RWY 19R, Amdt 1
Bethel, AK, Bethel, RNAV (GPS)-A, Amdt 1
Bethel, AK, Bethel, Takeoff Minimums and Obstacle DP, Amdt 3
Bethel, AK, Bethel, VOR RWY 18, Amdt 8C, CANCELLED
Bethel, AK, Bethel, VOR/DME RWY 1L, Amdt 2
Bethel, AK, Bethel, VOR/DME RWY 19R, Amdt 2
Bethel, AK, Bethel, VOR/DME-B, Orig-A, CANCELLED
Cold Bay, AK, Cold Bay, LOC/DME BC RWY 32, Amdt 9
Cold Bay, AK, Cold Bay, RNAV (GPS) RWY 32, Amdt 1
Cold Bay, AK, Cold Bay, Takeoff Minimums and Obstacle DP, Amdt 5
Gulkana, AK, Gulkana, RNAV (GPS) RWY 15, Amdt 2
Gulkana, AK, Gulkana, RNAV (GPS) RWY 33, Amdt 2
Sitka, AK, Sitka Rocky Gutierrez, NDB/DME-B, Amdt 1, CANCELLED
Sitka, AK, Sitka Rocky Gutierrez, VOR-C, Orig, CANCELLED
Sitka, AK, Sitka Rocky Gutierrez, VOR/DME-A, Orig
Siloam Springs, AR, Smith Field, RNAV (GPS) RWY 18, Amdt 1
Orlando, FL, Orlando Sanford Intl, Takeoff Minimums and Obstacle DP, Amdt 8
Bemidji, MN, Bemidji Regional, ILS OR LOC RWY 31, Amdt 4
Bemidji, MN, Bemidji Regional, Takeoff Minimums and Obstacle DP, Amdt 3
Casselton, ND, Casselton Robert Miller Rgnl, RNAV (GPS) RWY 13, Amdt 1
Casselton, ND, Casselton Robert Miller Rgnl, RNAV (GPS) RWY 31, Amdt 1
Seward, NE, Seward Muni, GPS RWY 16, Orig-A, CANCELLED
Seward, NE, Seward Muni, GPS RWY 34, Orig-A, CANCELLED
Seward, NE, Seward Muni, RNAV (GPS) RWY 16, Orig
Seward, NE, Seward Muni, RNAV (GPS) RWY 34, Orig
Columbus, OH, Ohio State University, VOR/DME RNAV RWY 27L, Amdt 6D,
CANCELLED

On May 2, 2008 (73 FR 24171) the FAA published an Amendment in Docket No. 30604, Amdt 3266 to Part 97 of the Federal Aviation Regulations under Section 97.33 effective date May 8, 2008 date has now changed to June 5, 2008:

Smithville, TN, Smithville Muni, RNAV (GPS) RWY 6, Amdt 1

Smithville, TN, Smithville Muni, RNAV (GPS) RWY 24, Amdt 1

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SZW VORTAC	WIMDO (FO)	339.77 / 10.83	2000	LNAV: RW16
WIMDO (IF/IAF)	JITGI (FB)	160.72 / 6.10	1800	CLIMBING RIGHT TURN 2000 DIRECT WIMDO AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 337 TOWER (10-4295) 303416N/0842257W CHART ARRIVAL HOLDING AT SZW VORTAC: HOLD SW, LT, 065.00 INBOUND, 2000 CIVBO TO RW16 3.05/30 CHART TALLAHASSEE ASOS, 119.45

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N WIMDO, RT, 160.72 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 160.74 FAF: JITGI DIST FAF TO MAP: 5.00 THLD: 5.00
- MIN. ALT: WIMDO 2000, JITGI 1800, CIVBO/1.90 NM TO RW16 800
- 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: RW16 3300

MAG VAR: 2W

EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒										
CATEGORY =====>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	620	1	465	620	1	465		NA			NA					
CIRCLING	680	1	525	680	1	525		NA			NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: USE TALLAHASSEE RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE BAINBRIDGE GA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.
 CHART PLANVIEW NOTE: ARRIVAL HOLDING NOT REQUIRED AT SZW VORTAC ON AIRWAY RADIALS 088 CW 148.

CITY AND STATE TALLAHASSEE/HAVANA, FL	ELEVATION: 155 TDZE: 155 AIRPORT NAME: TALLAHASSEE COMMERCIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG JUL 3 2008	SUP: AMDT: NONE DATED
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[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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SUSAP 68J K7SRW16 K7PG

0 18018003325

M

CITY AND STATE

TALLAHASSEE/HAVANA, FL

ELEVATION: 155 TDZE: 155

AIRPORT NAME:

TALLAHASSEE COMMERCIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

JUL 3 2008

SUP:

AMDT: NONE

DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	SZW	SZW	010		IF		FB				
	SZW	WIMDO	020	IAF	TF		FO	2.0	339.8(338T)	010.8	02000
	SZW	WIMDO	030		HF	R	FO		160.7(159T)	004.0	02000
		WIMDO	010	FACF	IF		FB				02000
		JITGI	020	FAF	TF		FB	0.5	160.7(159T)	006.1	01800
		CIVBO	021	SDF	TF		FB	0.3	160.7(159T)	003.1	00800
		RW16	030	M&P	TF		FO	0.3	160.7(159T)	001.9	00185

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WIMDO	040		DF	R	FO	1.0			02000
	WIMDO	050		HM	R	FO	2.0	160.7(159T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	SZW	N303322.42	W0842226.26	N3033.374	W08422.438
	CIVBO	N303449.47	W0842319.33	N3034.825	W08423.322
	JITGI	N303743.41	W0842437.54	N3037.724	W08424.626
	WIMDO	N304325.08	W0842711.41	N3043.418	W08427.190
	RW16	N303302.97	W0842231.49	N3033.050	W08422.525

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW16	00155	30

CITY AND STATE
TALLAHASSEE/HAVANA, FL

ELEVATION: 155 TDZE: 155
 AIRPORT NAME:
TALLAHASSEE COMMERCIAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, ORIG
JUL 3 2008

SUP:
 AMDT: **NONE**
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 16, 300-1 1/2 OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 344 FEET PER NM TO 500.

RWY 34, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 16, ROAD BEGINNING 0' FROM DER, 136' RIGHT OF CENTERLINE, UP TO 15' AGL/164' MSL. TREES BEGINNING 0' FROM DER, 149' RIGHT OF CENTERLINE, UP TO 100' AGL/269' MSL. TREES BEGINNING 0' FROM DER, 154' LEFT OF CENTERLINE, UP TO 100' AGL/259' MSL.

NOTE: RWY 34. TREES BEGINNING 0' FROM DER, 41' LEFT OF CENTERLINE, UP TO 100' AGL/269' MSL. TREES BEGINNING 0' FROM DER, 45' RIGHT OF CENTERLINE, UP TO 100' AGL/259' MSL.

(4) CONTROLLING OBSTACLES:

RWY 16: 315 MSL TOWER 303145.00N-0842154.00W

(5) City, State
TALLAHASSEE/HAVANA, FL

(6) Airport
TALLAHASSEE COMMERCIAL

(7) Effective Date
JUL 3 2008

(8) Amdt. No.
ORIG

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY18, 36, NA - ENVIRONMENTAL.

RWY 9, 27, 600-1 3/4, OR 1000-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 9, 27 - FOR CLIMB IN VISUAL CONDITIONS: CROSS TRI-COUNTY REGIONAL AIRPORT AT OR ABOVE 1600 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 9, TERRAIN AND TREES BEGINNING 23' FROM DER, 238' LEFT OF CENTERLINE, UP TO 100' AGL/1,129' MSL. ROAD BEGINNING 244' FROM DER, 330' LEFT OF CENTERLINE, UP TO 17' AGL/733' MSL. TERRAIN AND TREES BEGINNING 18' FROM DER, 235' RIGHT OF CENTERLINE, UP TO 100' AGL/722' MSL. NOTE: RWY 27, BLDG 764' FROM DER, 386' LEFT OF CENTERLINE, UP TO 25' AGL/744' MSL. TREE 1,381' FROM DER, 590' LEFT OF CENTERLINE, UP 70' AGL/785' MSL. ROAD BEGINNING 245' FROM DER, ON CENTERLINE, UP TO 12' AGL/ 731' MSL. ANTENNAS AND POLES BEGINNING 920' FROM DER, 372' RIGHT OF CENTERLINE, UP TO 33' AGL/ 752' MSL. TREES AND TERRAIN BEGINNING 1.98 NM FROM DER, 2,658' RIGHT OF CENTERLINE, UP TO 100' AGL/1,199' MSL.

(4) CONTROLLING OBSTACLES:

RWY 9: 1159 MSL TREE 431303.58N/0900841.24W. 1219 MSL TREE 431319.30N/0900839.97W. 1259 MSL AAO 431250.90N/0900536.19W. 1451 MSL TOWER 431434.65N/0900351.56W.

RWY 27: 1219 MSL TREE 431403.00N/0901100.00W. 1159 MSL TREE 431310.71N/0901358.31W. 1199 MSL TREE 431327.06N/0901427.25W. 1451 MSL TOWER 431434.65N/0900351.56W.

(5) City, State LONE ROCK, WI	(6) Airport TRI-COUNTY RGNL	(7) Effective Date JUN 5 2008	(8) Amdt. No. 4
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QUALITY
CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, NA - OBSTACLES

RWY 36, NA - OBSTACLES

RWY 5, STANDARD WITH MINIMUM CLIMB OF 370 FEET PER NM TO 4400, OR 4400-3 FOR CLIMB IN VISUAL CONDITIONS.

RWY 23, STANDARD WITH MINIMUM CLIMB OF 622 FEET PER NM TO 4600, OR 4400-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 5 - CLIMB VIA 054 BEARING FROM ADK NDB/DME TO 4400, THEN CLIMBING RIGHT TURN TO 5600 DIRECT ADK NDB/DME. CONTINUE CLIMB IN ADK NDB/DME HOLDING PATTERN (HOLD, NE, RT, 233.58 INBOUND) TO CROSS ADK NDB/DME AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADK NDB/DME AT OR ABOVE 5600 BEFORE PROCEEDING ON COURSE.

RWY 23 - CLIMB TO 4600 DIRECT ADK NDB/DME AND VIA 234 BEARING FROM ADK NDB/DME THEN CLIMBING LEFT TURN TO 5600 DIRECT ADK NDB/DME, CONTINUE CLIMB IN ADK NDB/DME HOLDING PATTERN (HOLD, NE, RT, 233.58 INBOUND) TO CROSS ADK NDB/DME AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADK NDB/DME AT OR ABOVE 5600 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, RISING TERRAIN BEGINNING 39' FROM DER, 470' LEFT OF CENTERLINE, UP TO 50' MSL. RISING TERRAIN BEGINNING 68' FROM DER, 244' RIGHT OF CENTERLINE, UP TO 23' MSL. NOTE: RWY 23, RISING TERRAIN BEGINNING 17' FROM DER, 356' RIGHT OF CENTERLINE, UP TO 283' MSL. BUSH 1.8NM FROM DER, 1470' RIGHT OF CENTERLINE, UP TO 10' AGL/507' MSL. BUSH 2 NM FROM DER, 20' LEFT OF CENTERLINE, UP TO 10' AGL/504' MSL. BUSH 3766' FROM DER, 142' RIGHT OF CENTERLINE, 10' AGL/310' MSL.

(4) CONTROLLING OBSTACLES:

RWY 5: 5910 MSL AAO 520436.30N/1760637.90W, 4124 MSL AAO 515621.10N/1764426.50W.

RWY 23: 4124 MSL AAO 515621.10N/1764426.50W, 310 MSL BUSH 515224.99N/1764020.37W.

RWY 5/23 (VCOA): 4124 MSL AAO 515621.10N/1764426.50W.

(5) City, State

ADAK ISLAND, AK

(6) Airport

ADAK

(7) Effective Date

(8) Amdt. No.

2



US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE					
OSE NDB	KUSKM/I-BET 6.38 DME	022.49 / 5.56	4800	ILS: DA LOC: ZOBOP/I-BET 1.90 DME				
BET VORTAC	KUSKM/I-BET 6.38 DME	007.23 / 5.22	1800					
ROLLR/BET 12.00 DME CW (IAF)	CATUB/I-BET 13.17 DME (NOPT)	12.00 DME ARC (BET LR-358)	1800	CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 VIA BET VORTAC R-277 TO ROLLR/BET VORTAC 12.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OSE NDB AND HOLD NE, RT, 218.97 INBOUND. (ADF REQUIRED).				
WEEKE/BET VORTAC 12.00 DME CCW (IAF)	CATUB/I-BET 13.17 DME (NOPT)	12.00 DME ARC (BET LR-019)	1800					
CATUB/I-BET 13.17 DME (IF)	KUSKM/I-BET 6.38 DME	189.47 / 6.79 (I-BET)	1800	ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE OSE NDB, RT, 218.97 INBOUND. CHART BET R-067 AT WEEKE. CHART BET R-277 AT ROLLR. CHART IN PLANVIEW: OSE NDB. CHART AIRPORT ELEV 126. CHART TDZE 118.				
1. PT <u>L</u> SIDE OF COURSE <u>009.47</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>KUSKM</u> (IAF) 2. 3. FAC: <u>189.47</u> FAF: <u>KUSKM/I-BET 6.38 DME</u> DIST FAF TO MAP: <u>-</u> THLD: <u>5.10</u> 4. MIN. ALT: <u>KUSKM 1800</u> 5. DIST TO THLD FROM OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>898</u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>KUSKM/I-BET 6.38 DME 1800</u> OM: <u>-</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.8</u> 8. MSA FROM: <u>BET VORTAC 090-180 2200, 180-090 1400</u>				MAG VAR: 14E EPOCH YEAR: 2010				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	LOC: STANDARD		
CATEGORY ==>	A		B		C		D	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 19R	318	2400	200	318	2400	200	318	2400
S-LOC 19R	380	2400	262	380	2400	262	380	4000
CIRCLING	520	1	394	580	1	454	600	1 1/2
NOTES: CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 19R CAT D VISIBILITY TO RVR 5000. CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R. CHART PLANVIEW NOTE: DME REQUIRED. SEE 8260-10								
CITY AND STATE		ELEVATION: 126 TDZE: 118		FACILITY IDENTIFIER: I-BET		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP: ILS/DME RWY 18
BETHEL, AK		AIRPORT NAME: BETHEL				ILS OR LOC/DME RWY 19R, AMDT 6		AMDT: 5B
						31 JUL 2008		DATED 01/18/2008

CHECKED

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 PROFILE NOTE: USE I-BET DME WHEN ON THE LOCALIZER COURSE.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CHART NOTE: *RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA.

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 118

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

I-BET

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC/DME RWY 19R, AMDT 6

07/31/2008

SUP: ILS/DME RWY 18

AMDT: 5B

DATED: 01/18/2003

QUALITY
CHECKED
5

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: VIRUC/I-BET 0.49 DME CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 VIA BET VORTAC R-277 TO ROLLR/BET VORTAC 12.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2000 THEN LEFT TURN DIRECT OSE NDB AND HOLD NE, RT, 218.97 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NE OSE NDB, RT, 218.97 INBOUND. CHART FAS OBST: 209 VEGETATION 604523N/1615147W NAPAC TO RWY 1L: 3.04/47 CHART BET BRG-067 AT WEEKE. CHART BET BRG-277 AT ROLLR. CHART IN PLANVIEW: OSE NDB. CHART 2000 PRIOR TO NAPAC IN PROFILE. CHART AIRPORT ELEV 126 CHART TDZE 125.									
OSE NDB		NAPAC/I-BET 4.82 DME		177.16 / 5.91				4800											
BET VORTAC		NAPAC/I-BET 4.82 DME		191.43 / 5.99				2500											
ROLLR/BET VORTAC 12.00 DME CW (IAF)		ROMAC/I-BET 10.83 DME (NOPT)		12.00 DME ARC (BET LR-201)				2000											
WEEKE/BET VORTAC 12.00 DME CW (IAF)		ROMAC/I-BET 10.83 DME		12.00 DME ARC (BET LR-180)				2000											
ROMAC/I-BET 10.83 DME (IF)		NAPAC/I-BET 4.82 DME		009.46 / 6.01 (I-BET)				1800											
1. PT <u>L</u> SIDE OF COURSE <u>189.46</u> OUTBOUND <u>1800</u> FT WITHIN <u>10</u> MILES OF <u>NAPAC</u> (IAF) 2. _____ 3. FAC <u>009.46</u> FAF <u>NAPAC/I-BET 4.82 DME</u> DIST FAF TO MAP _____ THLD <u>5.04</u> 4. MIN. ALT <u>NAPAC 1800</u> 8. MSA FROM: <u>BET VORTAC 090-180 2200, 180-090 1400</u>														MAG VAR: 14E		EPOCH YEAR: 2010			
MINIMUMS																			
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		STANDARD					
CATEGORY =====>		A			B			C			D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-1L	460	2400	335	460	2400	335	460	2400	335	460	4000	335							
CIRCLING	520	1	394	580	1	454	600	1 1/2	474	680	2	554							
NOTES: CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE CAT D VISIBILITY TO RVR 5000. CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R. CHART PROFILE NOTE: USE I-BET DME WHEN ON THE LOCALIZER COURSE. CHART PROFILE NOTE: DISREGARD GS INDICATIONS.																			
CITY AND STATE				ELEVATION: 126 TDZE: 125				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP LOC/DME BC RWY			
BETHEL, AK				AIRPORT NAME:				I-BET				LOC/DME BC RWY 1L, AMDT 6				36			
				BETHEL								07/31/2008				AMDT 5C			
																DATE 01/18/2007			



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

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 31 JUL 2008																	
CITY AND STATE BETHEL, AK		ELEVATION: 123 TDZE: 115 AIRPORT NAME: BETHEL					FACILITY IDENTIFIER: BET		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 18, AMDT 8C, 02/16/2006					SUP AMDT 8B DATE 11/09/1997			



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		
LIJHA (IAF)	ROMAC (NOPT) (FB)	099.17 / 6.00	2000	LPV: DA LNAV/VNAV: DA LNAV: RW01L	
CITAY (IAF)	ROMAC (NOPT) (FB)	279.49 / 6.00	2000	CLIMB TO 2000 DIRECT KUSKM AND LEFT TURN VIA 253.75 TRACK TO ROLLR AND HOLD.	
ROMAC (IF/IAF)	NAPAC (FB)	009.33 / 6.01	1800		
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART FAS OBST: 134 BUSH 604557N/1615042W CHART FAS OBST: 234 VEGETATION 604326N/1615436W DISTANCE TO THLD FROM 250 HAT: 0.64 NM. CHART VDP AT 1.03 MILES TO RW01L * LNAV ONLY. WAAS CHANNEL # 42707 REFERENCE PATH ID: W01A CHART WAAS SYMBOL CHART AIRPORT ELEV 126. CHART TDZE 125.	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S ROMAC, RT, 009.33 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 009.40 FAF: NAPAC _____ DIST FAF TO MAP: 5.04 THLD: 5.04 4. MIN. ALT: ROMAC 2000, NAPAC 1800 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 1800 GS ALT AT: NAPAC 1800 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 47.0 34:1 IS CLEAR 8. MSA FROM: _____					
				MAG VAR: 14E EPOCH YEAR: 2010	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	375	2400	250	375	2400	250	375	2400	250	375	2400	250			
LNAV/VNAV DA	553	5000	428	553	5000	428	553	5000	428	553	5000	428			
LNAV MDA	500	2400	375	500	2400	375	500	2400	375	500	5000	375			
CIRCLING	520	1	394	580	1	454	600	1 1/2	474	680	2	554			

NOTES:
 CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.
 CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C
 SEE 8260-10

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 125	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1L, AMDT 1 07/31/2008	SUP: RNAV (GPS) RWY 36
	AIRPORT NAME: BETHEL			AMDT: ORIG-C
				DATED 10/30/2003



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

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

NOTES CONT.
(118F).

CHART NOTE: DME/DME RNP-0.3 NA.

TAA

	FROM	TO	ALT
1.	279/30 CW 099/30 (NOPT)	279/25 CW 099/25	2700
2.	279/25 CW 099/25	ROMAC (FB)	2000
3.	099/30 CW 189/30	LIJHA (IAF) (FB)	2000
4.	189/30 CW 279/30	189/15 CW 279/15	3200
5.	189/15 CW 279/15	CITAY (IAF) (FB)	2000

CITY AND STATE

BETHEL, AK

ELEVATION: 126

TDZE: 125

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1L, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 36

AMDT: ORIG-C

DATED: 10/30/2003

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER PABE
RUNWAY RW01L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W01A
LTP/FTP LATITUDE 604618.3655N
LTP/FTP LONGITUDE 1615036.6215W
LTP/FTP ELLIPSOIDAL HEIGHT +00493
FPAP LATITUDE 604739.8800N
FPAP LONGITUDE 1614924.2400W
THRESHOLD CROSSING HEIGHT (TCH) 00047.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0800
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

3F200465

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE PA
LTP ORTHOMETRIC HEIGHT +00380
FPAP ORTHOMETRIC HEIGHT +00380

CITY AND STATE

BETHEL, AK

ELEVATION: 126

TDZE: 125

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1L, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 36

AMDT: ORIG-C

DATED: 10/30/2003

5
CHECKED

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

[illegible][illegible][illegible]

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 125 AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1L, AMDT 1 07/31/2008	SUP: RNAV (GPS) RWY 36
				AMDT: ORIG-C
				DATED: 10/30/2003

5
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.

SCANP PABEPAPR01L RW01L001 0000W01A0N6045183655W16150366215+004930300N6047398800W16149242400106750800000470F4005003F200465
SCANP PABEPAPR01L RW01L002E +00380+00380LPV 42707 000

CITY AND STATE

BETHEL, AK

ELEVATION: 126

TDZE: 125

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1L, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 36

AMDT: ORIG-C

DATED: 10/30/2003

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
	CITAY	CITAY	010	IAF	IF		FB				
	CITAY	ROMAC	020		TF		FB	1.0	279.5 (294T)	006.0	02000
	LIJHA	LIJHA	010	IAF	IF		FB				
	LIJHA	ROMAC	020		TF		FB	1.0	099.2 (113T)	006.0	02000
	ROMAC	ROMAC	010		HF	R	FB		009.3 (023T)	004.0	02000
		ROMAC	010	FACF	IF		FB				02000
		NAPAC	020	FAF	TF		FB	0.5	009.3 (023T)	006.0	01800
		RW01L	030	MAP	TF		FO	0.3	009.4 (023T)	005.0	00172

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KUSKM	040		DF		FB	1.0			
	ROLLR	050		CF	L	FO	1.0	253.8 (268T)		02000
	ROLLR	060		HM	R	FO	2.0	097.2 (111T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CITAY	N603348.74	W1614822.44	N6033.812	W16148.374
	KUSKM	N605156.22	W1614535.88	N6051.937	W16145.598
	LIJHA	N603833.10	W1621043.50	N6038.552	W16210.725
	NAPAC	N604141.54	W1615441.62	N6041.692	W16154.694
	ROLLR	N605122.88	W1621220.22	N6051.381	W16212.337
	ROMAC	N603611.39	W1615932.15	N6036.190	W16159.536
	RW01L	N604618.37	W1615036.62	N6046.306	W16150.610

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01L	00125	47

CITY AND STATE
BETHEL, AK

ELEVATION: 126 TDZE: 125
AIRPORT NAME:
BETHEL

**FACILITY
 IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1L, AMDT 1
07/31/2008

SUP: RNAV (GPS) RWY 36
AMDT: ORIG-C
DATED: 10/30/2003

5
 CHECK

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: LUCIK						
LIJHA (IAF)			PUYIC (NOPT) (FB)			099.14 / 6.00			2000		CLIMB TO 2000 DIRECT FAPLO THEN LEFT TURN VIA 255.67 TRACK TO ROLLR AND HOLD.						
CITAY (IAF)			PUYIC (NOPT) (FB)			279.53 / 6.00			2000								
PUYIC (IF)			BOZEL (FB)			009.34 / 6.01			1800								
									ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART FAS OBST: 234 VEGETATION 604326N/1615436W BOZEL TO RW01R: 3.04/55. CHART TDZE 119. CHART VDP AT 0.52 MILES TO LUCIK. CHART AIRPORT ELEV 126.								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																	
2. HOLD S PUYIC, RT, 009.34 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																	
3. FAC: 009.41 FAF: BOZEL DIST FAF TO MAP: 4.54 THLD: 5.04																	
4. MIN. ALT: PUYIC 2000, BOZEL 1800																	
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: _____																	
MAG VAR: 14E EPOCH YEAR: 2010																	
MINIMUMS																	
TAKEOFF: [] STANDARD X SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [] STANDARD																	
CATEGORY =====>																	
A B C D E																	
DH/MDA VIS HAT/HAA DH/MDA VS HAT/HAA DH/MDA VIS HAT/HAA DH/MDA VIS HAT/HAA DH/MDA VIS HAT/HAA																	
LNAV MDA 500 1 381 500 1 381 500 1 381 500 1 1/4 381																	
CIRCLING 520 1 394 580 1 454 600 1 1/2 474 680 2 554																	
NOTES:																	
CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.																	
CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.																	
CHART NOTE: DME/DME RNP-0.3 NA.																	
CHART NOTE: PROCEDURE NA AT NIGHT.																	
CITY AND STATE			ELEVATION: 126 TDZE: 119			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:				
BETHEL, AK			AIRPORT NAME: BETHEL			RNAV			RNAV (GPS) RWY 1R, ORIG 7/31/2008				AMDT: NONE				
													DATED				

QUALITY
5
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.

TAA

	FROM	TO	ALT
1.	279/30 CW 099/30 (NOPT)	279/25 CW 099/25 (FB)	2700
2.	279/25 CW 099/25	PUYIC (IF/IAF) (FB)	2000
3.	099/30 CW 189/30	LIJHA (IAF) (FB)	2000
4.	189/30 CW 279/30	189/15 CW 279/15 (FB)	3200
5.	189/15 CW 279/15	CITAY (IAF) (FB)	2000

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 119

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1R, ORIG

07/31/2008

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 PACKET - 424-18

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

SCANEENRT	BOZEL PA0	W	N60413886W161542876					E0146	NAR	BOZEL			
SCANEENRT	CITAY PA0	W	N60334874W161482244					E0146	NAR	CITAY			
SCANEENRT	FAPLO PA0	W	N60513005W161454371					E0146	NAR	FAPLO			
SCANEENRT	LIJHA PA0	W	N60383310W162104350					E0141	NAR	LIJHA			
SCANEENRT	LUCIK PA0	W	N60454818W161504807					E0146	NAR	LUCIK			
SCANEENRT	PUYIC PA0	W	N60360883W161591931					E0146	NAR	PUYIC			
SCANEENRT	ROLLR PA0	W	L N60512288W162122022					E0142	NAR	ROLLR			

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

SCANP	PABEPAABET	0	064YHN60464720W161501680E014000126					1800018000C	MNAR	BETHEL			

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

SCANP	PABEPAFR01R	ACITAY 010CITAYPAEA0E	A	IF						18000		A JS	
SCANP	PABEPAFR01R	ACITAY 020PUYICPAEA0EE		010TF			27950060		+ 02000			A JS	
SCANP	PABEPAFR01R	ALIJHA 010LIJHAPAEA0E	A	IF						18000		A JS	
SCANP	PABEPAFR01R	ALIJHA 020PUYICPAEA0EE		010TF			09910060		+ 02000			A JS	
SCANP	PABEPAFR01R	APUYIC 010PUYICPAEA0EE	CR	HF			00930040		+ 02000	18000		A JS	
SCANP	PABEPAFR01R	R	010PUYICPAEA0E	I	IF				+ 02000	18000		A JS	
SCANP	PABEPAFR01R	R	020BOZELPAEA1E	F	010TF		00930060		+ 01800			A JS	
SCANP	PABEPAFR01R	R	020BOZELPAEA2WN			N						JS	
SCANP	PABEPAFR01R	R	030LUCIKPAEA0EY	M	031TF		00940045		00332		-304	A JS	
SCANP	PABEPAFR01R	R	040FAPLOPAEA0E	M	010DF				+ 02000			A JS	
SCANP	PABEPAFR01R	R	050ROLLRPAEA0EY	L	010TFY		2557		+ 02000			A JS	
SCANP	PABEPAFR01R	R	060ROLLRPAEA0EE	HR	020HM		09720040		+ 02000			A JS	

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

SCANP	PABEPAGRW01R	0040000095	N60461562W161502371-0100					00117000055075R					

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1R, ORIG 07/31/2008	SUP:
	AIRPORT NAME: BETHEL			AMDT: NONE
				DATED:

QUALITY
5
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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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CITAY	CITAY	010	IAF	IF		FB				
	CITAY	PUYIC	020		TF		FB	1.0	279.5 (294T)	006.0	02000
	LIJHA	LIJHA	010	IAF	IF		FB				
	LIJHA	PUYIC	020		TF		FB	1.0	099.1 (113T)	006.0	02000
	PUYIC	PUYIC	010		HF	R	FB		009.3 (023T)	004.0	02000
		PUYIC	010	FACF	IF		FB				02000
		BOZEL	020	FAF	TF		FB	1.0	009.3 (023T)	006.0	01800
		LUCIK	030	MAP	TF		FO	0.3	009.4 (023T)	004.5	00332

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FAPLO	040		DF		FB	1.0			02000
	ROLLR	050		TF	L	FO	1.0	255.7 (270T)		02000
	ROLLR	060		HM	R	FO	2.0	097.2 (111T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOZEL	N604138.86	W1615428.76	N6041.648	W16154.479
	CITAY	N603348.74	W1614822.44	N6033.812	W16148.374
	FAPLO	N605130.05	W1614543.71	N6051.501	W16145.729
	LIJHA	N603833.10	W1621043.50	N6038.552	W16210.725
	LUCIK	N604548.18	W1615048.07	N6045.803	W16150.801
	PUYIC	N603608.83	W1615919.31	N6036.147	W16159.322
	ROLLR	N605122.88	W1621220.22	N6051.381	W16212.337
	RW01R	N604615.62	W1615023.71	N6046.260	W16150.395

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW01R	00117		55

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 119	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1R, ORIG 07/31/2008	SUP:
	AMDT: NONE			
	DATED:			

QUALITY
5
CHECKED

QUALITY
5
CHECKED

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

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TAA

	<u>FROM</u>	<u>TO</u>	<u>ALT</u>
1.	099/30 CW 280/30 (NOPT)	SUYOC (IF/IAF) (FB)	1800
2.	280/30 CW 010/30	280/15 CW 010/15	3900
3.	280/15 CW 010/15	PILOC (IAF) (FB)	1800
4.	010/30 CW 099/30	IRKEW (IAF) (FB)	1800

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 119

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19L, ORIG

07/31/2008

SUP:

AMDT: NONE

DATED:

CHECK

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

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

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 119 AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19L, ORIG 7/31/2008	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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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
IRKEW	IRKEW	IRKEW	010	IAF	IF		FB				
IRKEW	SUYOC	SUYOC	020		TF		FB	1.0	099.5 (114T)	006.1	01800
PILOC	PILOC	PILOC	010	IAF	IF		FB				
PILOC	SUYOC	SUYOC	020		TF		FB	1.0	279.8 (294T)	005.9	01800
SUYOC	SUYOC	SUYOC	010		HF	R	FB		189.6 (204T)	004.0	01800
	SUYOC	SUYOC	010	FACF	IF		FB				01800
	FAPLO	FAPLO	020	FAF	TF		FB	0.5	189.6 (204T)	007.2	01800
	GIKME	GIKME	030	MAP	TF		FO	0.3	189.5 (204T)	004.6	00322

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOZEL	040		DF		FB	1.0			
	ROLLR	050		TF	R	FO	1.0	304.2 (318T)		02000
	ROLLR	060		HM	R	FO	2.0	097.2 (111T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOZEL	N604133.86	W1615428.76	N6041.648	W16154.479
	FAPLO	N605130.05	W1614543.71	N6051.501	W16145.729
	GIKME	N604719.19	W1614927.23	N6047.320	W16149.454
	IRKEW	N610031.74	W1615119.96	N6100.529	W16151.333
	PILOC	N605544.17	W1612846.40	N6055.736	W16128.773
	ROLLR	N605122.88	W1621220.22	N6051.381	W16212.337
	SUYOC	N605805.61	W1613949.06	N6058.094	W16139.818
	RW19L	N604651.75	W1614951.62	N6046.863	W16149.860

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW19L	00112		50

CITY AND STATE
BETHEL, AK

ELEVATION: 126 TDZE: 119
 AIRPORT NAME:
BETHEL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19L, ORIG
7/31/2008

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 CHECKED

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES						MISSED APPROACH									
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW19R CLIMB TO 2000 DIRECT NAPAC AND RIGHT TURN VIA 304.44 TRACK TO ROLLR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART FAS OBST: 159 WDMML 604709N/1614844W DISTANCE TO THLD FROM 250 HAT: 0.68 NM. CHART VDP AT 1.30 MILES TO RW19R* *LNAV ONLY. WAAS CHANNEL # 70507 REFERENCE PATH ID: W19A CHART WAAS SYMBOL CHART TDZE 118. CHART AIRPORT ELEV 126.											
PILOC (IAF)	CATUB (NOPT) (FB)	279.77 / 6.00	1800												
IRKEW (IAF)	CATUB (NOPT) (FB)	099.45 / 6.00	1800												
CATUB (IF/IAF)	KUSKM (FB)	189.61 / 6.79	1800												
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 CATUB, RT, 189.61 INBOUND, 1800 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>189.53</u> FAF: <u>KUSKM</u> DIST FAF TO MAP: <u>5.10</u> THLD: <u>5.10</u> 4. MIN. ALT: <u>CATUB 1800, KUSKM 1800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>KUSKM 1800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>51.8</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 14E		EPOCH YEAR: 2010									
MINIMUMS															
TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD											
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	368	2400	250	368	2400	250	368	2400	250	368	2400	250			
LNAV/VNAV DA	459	4000	341	459	4000	341	459	4000	341	459	4000	341			
LNAV MDA	560	2400	442	560	2400	442	560	4000	442	560	5000	442			
CIRCLING	560	1	434	580	1	454	600	1 1/2	474	680	2	554			
NOTES: CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C SEE 8260-10															
CITY AND STATE BETHEL, AK		ELEVATION: 126 TDZE: 118 AIRPORT NAME: BETHEL		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19R, AMDT 1 7/31/2008				SUP: RNAV (GPS) RWY 19R AMDT: ORIG-D DATED 02/16/2006					

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 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

(118F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

TAA

	FROM	TO	ALT
1.	099/30 CW 280/30 (NOPT)	CATUB (IF/IAF) (FB)	1800
2.	280/30 CW 010/30	280/15 CW 010/15	3900
3.	280/15 CW 010/15	PILOC (IAF) (FB)	1800
4.	010/30 CW 099/30	IRKEW (IAF) (FB)	1800

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 118

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19R, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 18

AMDT: ORIG-D

DATED: 02/16/2006

QUALITY
CHECKED

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PABE
RUNWAY	RW19R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	604716.1790N
LTP/FTP LONGITUDE	1614945.2905W
LTP/FTP ELLIPSOIDAL HEIGHT	+00417
FPAP LATITUDE	604615.6000N
FPAP LONGITUDE	1615039.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00051.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.50
LENGTH OFFSET	0096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

6748B669

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00304
FPAP ORTHOMETRIC HEIGHT	+00304

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 118

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19R, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 18

AMDT: ORIG-D

DATED: 02/16/2006

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC PACKET - 424-18

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

CITY AND STATE
BETHEL, AK

ELEVATION: 126 TDZE: 118
AIRPORT NAME:
BETHEL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 19R, AMDT 1
07/31/2008

SUP:	RNAV (GPS) RWY 18
AMDT:	ORIG-D
DATED:	02/16/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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SCANP PABEPAPR19R RW19R001 0000W19A0N6047161790W16149452905+004170300N6046156000W16150390600104500096000518F4005006748B669
SCANP PABEPAPR19R RW19R002E +00304+00304LPV 70507 000

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 118

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19R, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 18

AMDT: ORIG-D

DATED: 02/16/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CATUB	CATUB	010		HF	R	FB		189.6 (204T)	004.0	01800
	IRKEW	IRKEW	010	IAF	IF		FB				
	IRKEW	CATUB	020		TF		FB	1.0	099.5 (114T)	006.0	01800
	PILOC	PILOC	010	IAF	IF		FB				
	PILOC	CATUB	020		TF		FB	1.0	279.8 (294T)	006.0	01800
		CATUB	010	FACF	IF		FB				01800
		KUSKM	020	FAF	TF		FB	0.5	189.6 (204T)	006.8	01800
		RW19R	030	MAP	TF		FO	0.3	189.5 (204T)	005.1	00152

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NAPAC	040		DF		FB	1.0			
	ROLLR	050		TF	R	FO	1.0	304.4 (318T)		02000
	ROLLR	060		HM	R	FO	2.0	097.2 (111T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CATUB	N605808.43	W1614002.33	N6058.141	W16140.039
	IRKEW	N610031.74	W1615119.96	N6100.529	W16151.333
	KUSKM	N605156.22	W1614535.88	N6051.937	W16145.598
	NAPAC	N604141.54	W1615441.62	N6041.692	W16154.694
	PILOC	N605544.17	W1612846.40	N6055.736	W16128.773
	ROLLR	N605122.88	W1621220.22	N6051.381	W16212.337
	RW19R	N604716.18	W1614945.29	N6047.270	W16149.755

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW19R	00100	52	

CITY AND STATE

BETHEL, AK

ELEVATION: 126 TDZE: 118

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 19R, AMDT 1

07/31/2008

SUP: RNAV (GPS) RWY 19R

AMDT: ORIG-D

DATED: 02/16/2006

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	
ROLLR (IF/IAF)	AYWAF (FB)	099.08 / 6.41	1800	LNAV: RW12
				CLIMBING RIGHT TURN TO 2000 DIRECT ROLLR AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 097.18 INBOUND. CHART FAS OBST: 380 TOWER 604653N/1615305W FAC CROSSES RW12 THLD. CHART APT ELEV 126 FT.

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ROLLR
- FAC: 099.25 FAF: AYWAF DIST FAF TO MAP: 5.04 THLD: 5.04
- MIN. ALT: ROLLR 2000, AYWAF 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH:
- MSA FROM: RW12 2200

MAG VAR: 14E EPOCH YEAR: 2010

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	640	1	514	640	1	514	640	1 1/2	514	680	2	554			

NOTES:
 CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
 CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROLLR VIA V319 WESTBOUND.

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS)-A, AMDT 1 07/31/2008	SUP:
	AIRPORT NAME: BETHEL			AMDT: ORIG
				DATED 10/30/2003



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

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

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS)-A, AMDT 1 07/31/2008	SUP:
				AMDT: ORIG
				DATED: 10/30/2003

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
		ROLLR	010	FACF	IF		FB				
		AYWAF	020	FAF	TF		FB	0.5	099.1 (113T)	006.4	01800
		RW12	030	MAP	TF		FO	0.3	099.3 (113T)	005.0	00680
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
		ROLLR	040		DF	R	FO	1.0			02000
		ROLLR	050		HM	R	FO	2.0	097.2 (111T)	004.0	02000
POINT DATA		WAYPOINT			LAT IN SECS	LONG IN SECS		LAT IN MINS		LONG IN MINS	
		AYWAF			N604852.08	W1620018.11		N6048.868		W16200.302	
		ROLLR			N605122.88	W1621220.22		N6051.381		W16212.337	
RUNWAY DATA				THRESHOLD							
		RWY		ELEVATION		TCH					

CITY AND STATE

BETHEL, AK

ELEVATION: 126

TDZE:

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS)-A, AMDT 1

07/31/2008

SUP:

AMDT: ORIG

DATED: 10/30/2003

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 1L, 1R, 12, 19L, 19R STANDARD.

RWY 30, 200 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 245' PER NM TO 400.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 1L, TREE 6' FROM DER, 218' RIGHT OF CENTERLINE, 35' AGL/105' MSL. TREE 210' FROM DER, 251' LEFT OF CENTERLINE, 35' AGL/111' MSL. NOTE: RWY 1R, TREE 125' FROM DER, 452' LEFT OF CENTERLINE, 35' AGL/125' MSL. NOTE: RWY 12, MULTIPLE TREES BEGINNING 508' FROM DER, 129' LEFT OF CENTERLINE, UP TO 35' AGL/144' MSL. NOTE: RWY 19L, MULTIPLE TREES BEGINNING 21' FROM DER, 175' RIGHT OF CENTERLINE, UP TO 35' AGL/130' MSL. NOTE: RWY 19R, MULTIPLE TREES BEGINNING 21' FROM DER, 313' LEFT OF CENTERLINE, UP TO 35' AGL/130' MSL. NOTE: RWY 30, TREE 95' FROM DER, 140' RIGHT OF CENTERLINE, 35' AGL/128' MSL. MULTIPLE TOWERS 5771' FROM DER, 65' RIGHT OF CENTERLINE, UP TO 147' AGL/297' MSL.

(4) CONTROLLING OBSTACLES:

RWY 30: 297 MSL TOWER 604728.70N/1615221.93W.

(5) City, State BETHEL, AK	(6) Airport BETHEL	(7) Effective Date 31 JUL 2008	(8) Amdt. No. 3
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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.

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 31 JUL 2008

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 118 AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: BET	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 18, AMDT 8C, 10/30/2003	SUP AMDT 8B DATE 09/11/97
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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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BET VORTAC	ANEYA/5.47 DME	195.48 / 5.47	2500
ROLLR/12.00 DME CCW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-207)	2000
NAVIC/12.00 DME CCW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-207)	2000
WEEKE/12.00 DME CW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-186)	2000
ULOVE/12.00 DME CW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-186)	2000
DURAY/12.00 DME (IF)	ANEYA/5.47 DME	016.48 / 6.53 (BET R-196)	1600

MISSED APPROACH

MAP: VIRUC/1.67 DME

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 VIA BET VORTAC R-277 TO ROLLR/12.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 097.18 INBOUND.
 CHART FAS OBST: 234 VEGETATION 604326N/1615436W
 CHART BET R-067 AT WEEKE.
 CHART BET R-142 AT ULOVE.
 CHART BET R-219 AT NAVIC.
 CHART BET R-277 AT ROLLR.
 CHART 1700 PRIOR TO ANEYA IN PROFILE.
 ANEYA TO RW01L: 2.98/47.
 FAC CROSSES RWY C/L EXTENDED 4344 FROM THLD.

1. PT L SIDE OF COURSE 196.48 OUTBOUND 1600 FT WITHIN 10 MILES OF ANEYA/5.47 DME (IAF)
 2. _____
 3. FAC 016.48 FAF ANEYA/5.47 DME DIST FAF TO MAP _____ THLD 4.51
 4. MIN. ALT ANEYA 1600
 8. MSA FROM: BET VORTAC 090-180 2200, 180-090 1400

MAG VAR: 14E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			STANDARD						
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-1L		500	2400	375	500	2400	375	500	2400	375	500	5000	375			
CIRCLING		520	1	394	580	1	454	600	1 1/2	474	680	2	554			

NOTES:

CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE CAT D VISIBILITY TO RVR 6000.
 CHART NOTE: CIRCLING NA WEST OF RWY 01L-19R.

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 125 AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: BET	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 1L, AMDT 2 07/31/2008	SUP VOR/DME RWY 36 AMDT 1 DATE 10/30/2003
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QUALITY
5
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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROLLR/12.00 DME CW (IAF)	DULDE/12.00 DME	12.00 DME ARC (BET LR-344)	1800
WEEKE/12.00 DME CCW (IAF)	DULDE/12.00 DME	12.00 DME ARC (BET LR-004)	1800
DULDE/12.00 DME (IF)	YUSSU/BET 5.30 DME	173.86 / 6.70 (BET R-354)	1800

MISSED APPROACH

MAP: ZOBOP/BET 0.76 DME FIX

CLIMB TO 700 THEN CLIMBING RIGHT TURN TO 2000 VIA BET VORTAC R-277 TO ROLLR/12.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 097.18 INBOUND.
CHART FAS OBST: 151 BLDG 604718N/1615001W
CHART BET R-277 AT ROLLR.
CHART BET R-067 AT WEEKE.
YUSSU TO RW19R: 3.03/47.
CHART TDZE 118
CHART APT ELEV 126
FAC CROSSES RWY C/L EXTENDED 3783 FROM THLD.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT DULDE/12.00 DME
3. FAC 173.86 FAF YUSSU/BET 5.30 DME DIST FAF TO MAP THLD 5.14
4. MIN. ALT DULDE 1800, YUSSU 1800
8. MSA FROM: BET VORTAC 090-180 2200, 180-090 1400

MAG VAR: 14E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD					
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-19R	420	2400	302	420	2400	302	420	2400	302	420	2400	302			
CIRCLING	520	1	394	580	1	454	600	1 1/2	474	680	2	554			

NOTES:

CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CAT D.
CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.

CITY AND STATE BETHEL, AK	ELEVATION: 126 TDZE: 118 AIRPORT NAME: BETHEL	FACILITY IDENTIFIER: BET	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 19R, AMDT 2 07/31/2008	SUP VOR/DME RWY 18
				AMDT 1A
				DATE 10/30/2003

5
CHECKED

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

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

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: RIDOY/CDB VORTAC 6.20 DME FIX										
CDB VORTAC		KISIW/CDB VORTAC 22.00 DME			143.90 / 22.00			7200		CLIMB TO 4000 DIRECT CDB VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000; OR WHEN DIRECTED BY ATC, CLIMB TO 4000 DIRECT ELF NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000, HOLD NW, LT, 144.35 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD NW, LT, 145.24 INBOUND. CHART FAS OBST: 235 VEGETATION 550912N/1624130W CHART 255 VEGETATION 550857N/1624121W. CHART CDB BRG-070 AT URIME. CHART CDB R-114 AT UYUYO. CHART IN PLANVIEW: ELFE NDB. PABGE TO RW32: 3.09/45 CHART ELF BRG 074 AT URIME DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT ELF NDB. CHART APT ELEV: 96										
ELF NDB		KISIW/CDB VORTAC 22.00 DME			144.31 / 23.79			7500												
URIME/CDB VORTAC 22.00 DME CW (IAF)		UYUYO/CDB VORTAC 22.00 DME (NOPT)			22.00 DME ARC			6800												
UYUYO/CDB VORTAC 22.00 DME CW (IAF)		KISIW/CDB VORTAC 22.00 DME (NOPT)			22.00 DME ARC (CDB LR-138)			4600												
KISIW/CDB VORTAC 22.00 DME (IF/IAF)		ODOWO/CDB VORTAC 11.37 DME			324.36 / 10.63			2300												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE KISIW, RT, 323.90 INBOUND, 4600 FT. IN LIEU OF PT (IAF) 3. FAC 324.36 FAF ODOWO/CDB VORTAC 11.37 DME DIST FAF TO MAP - THLD 6.68 4. MIN. ALT KISIW 4600, ODOWO 2300, PABGE/CDB VORTAC 7.69 DME 1120 8. MSA FROM: CDB VORTAC 090-270 7100, 270-360 3000, 360-090 6200										MAG VAR: 14E EPOCH YEAR: 2005										
MINIMUMS																				
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A					STANDARD				
CATEGORY =====>		A			B			C			D			E						
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA				
S-32		540	1 1/4	451	540	1 1/4	451	540	1 1/4	451	540	1 1/4	451							
CIRCLING		540	1 3/4	444	560	1 3/4	464	560	1 3/4	464	660	2	564							
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 26 AND STRAIGHT-IN/CIRCLING RWY 32 NA AT NIGHT. CHART NOTE: CIRCLING NA FOR CATS A AND B SW OF RWY 14-32 AT NIGHT. CHART NOTE: CIRCLING NA FOR CATS C AND D SW OF RWY 14-32. CHART NOTE: DME FROM CDB VORTAC. SIMULTANEOUS RECEPTION OF I-CDB AND CDB DME REQUIRED. SEE 8260-10																				
CITY AND STATE				ELEVATION: 96 TDZE: 89				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP						
COLD BAY, AK				AIRPORT NAME:				I-CDB		LOC/DME BC RWY 32, AMDT 9				AMDT 8						
				COLD BAY						31 JUL 2008				DATE 12/22/2005						



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.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART PROFILE NOTE: DISREGARD GS INDICATIONS.

CHART PROFILE NOTE: LOCALIZER UNUSABLE INSIDE CDB VORTAC 6.20 DME.

CITY AND STATE

COLD BAY, AK

ELEVATION: 96 TDZE: 89

AIRPORT NAME:

COLD BAY

FACILITY
IDENTIFIER:
I-CDB

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC/DME BC RWY 32, AMDT 9

31 JUL 2008

SUP:

AMDT: 8

DATED: 12/22/2005

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.					
TERMINAL ROUTES				MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 3000 DIRECT DEADS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 144.35 INBOUND. CHART FAS OBST: 237 OL TOWER 551129N/1624231W CHART 1114 VEGETATION 550456N/1624211W. CHART 255 VEGETATION 550857N/1624121W. DISTANCE TO THLD FROM 250 HAT: 0.64 NM. WAAS CHANNEL # 49106 REFERENCE PATH ID: W32A CHART APT ELEV: 96					
CDB VORTAC	EPHEX (FO)	143.79 / 17.68	7200						
ELF NDB	EPHEX (FO)	144.31 / 19.47	7200						
CHUNA	BUKAY (FB)	101.67 / 33.86	5200						
URIME	AFNER (FB)	187.87 / 16.21	7200						
BUKAY (IAF)	EPHEX (NOPT) (FB)	030.68 / 7.87	3800						
AFNER (IAF)	EPHEX (NOPT) (FB)	234.63 / 10.00	3800						
EPHEX (IF/IAF)	ODOWO (FB)	324.47 / 6.32	2300						
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD SE EPHEX, RT, 324.47 INBOUND, 3800 FT. IN LIEU OF PT (IAF) 3. FAC: <u>324.42</u> FAF: <u>ODOWO</u> DIST FAF TO MAP: <u>6.68</u> THLD: <u>6.68</u> 4. MIN. ALT: <u>EPHEX 3800, ODOWO 2300, PABGE/3.00 NM TO RW32 1080*</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>2300</u> GS ALT AT: <u>ODOWO</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW32 7100</u>				MAG VAR: 14E EPOCH YEAR: 2005					
MINIMUMS									
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD				
CATEGORY ==>	A		B		C		D	E	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	339	1	250	339	1	250	339	1	250
LNAV/VNAV DA	497	1	408	497	1	408	497	1	408
LNAV MDA	500	1	411	500	1	411	500	1	411
CIRCLING	540	1	444	560	1	464	560	1 1/2	464
NOTES: CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 26 AND STRAIGHT-IN/CIRCLING RWY 32 NA AT NIGHT. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO 1 1/4. SEE 8260-10									
CITY AND STATE		ELEVATION: 96 TDZE: 89		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:	
COLD BAY, AK		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 32, AMDT 1		AMDT: ORIG	
		COLD BAY				31 JUL 2008		DATED 12/22/2005	



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

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

NOTES CONT.

CHART NOTE: CIRCLING NA FOR CATS C AND D SW OF RWY 14-32.

CHART NOTE: CIRCLING NA FOR CATS A AND B SW OF RWY 14 -32 AT NIGHT .

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 49C (120F).

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

*LNAV ONLY

CITY AND STATE

COLD BAY, AK

ELEVATION: 96 TDZE: 89

AIRPORT NAME:

COLD BAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/22/2005

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	PACD
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	W32A
REFERENCE PATH IDENTIFIER (APPROACH ID)	551145.1600N
LTP/FTP LATITUDE	1624310.2600W
LTP/FTP LONGITUDE	+00440
LTP/FTP ELLIPSOIDAL HEIGHT	551320.6200N
FPAP LATITUDE	1624416.5100W
FPAP LONGITUDE	00045.0
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)	50.0
VERTICAL ALERT LIMIT (VAL)	

CRC REMAINDER

EB36873F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00272
FPAP ORTHOMETRIC HEIGHT	+00272

CITY AND STATE COLD BAY, AK	ELEVATION: 96 TDZE: 89	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: COLD BAY			AMDT: ORIG
	DATED: 12/22/2005			

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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ARINC PACKET - 424-18

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SCAND	CDB	PA011260VTHW	N55160256W162462726	N55160256W162462726	E014000097	NARCOLD BAY						
	SCANDB	ELF	PA003410H	W N55174586W162472067	E0140	NARELFEE							

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SCANEENRT	AFNER PA0	W	N55032083W162184131				E0135	NAR	AFNER			
	SCANEENRT	BUKAY PA0	W	N54540678W162442760				E0134	NAR	BUKAY			
	SCANEENRT	CHUNA PA0	L	N55085689W163371966				E0131	NAR	CHUNA			
	SCANEENRT	DEADS PA0	W	N55252240W162524045				E0135	NAR	DEADS			
	SCANEENRT	EPHEX PA0	W	N54594158W162345113				E0134	NAR	EPHEX			
	SCANEENRT	ODOWO PA0	W	N55053343W162385316				E0135	NAR	ODOWO			
	SCANEENRT	PABGE PA0	W	N55085814W162411457				E0135	NAR	PABGE			
	SCANEENRT	URIME PA0	W	L N55182195W162081158				E0135	NAR	URIME			

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SCANP	PACDPAACDB	0	104YHN55122182W162433157	E014000096	1800018000C	MNAR	COLD BAY					

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SCANP	PACDPAFR32	ACDB	010CDB	PAD OV	IF				18000		A JS	
	SCANP	PACDPAFR32	ACDB	020EPHEXPAAE0EY	A 020TF		14380177	+ 07200				A JS	
	SCANP	PACDPAFR32	ACDB	030EPHEXPAAE0EB	CR HF		32450040	+ 03800				A JS	
	SCANP	PACDPAFR32	ACHUNA	010CHUNAPAAE0E	IF					18000		A JS	
	SCANP	PACDPAFR32	ACHUNA	020BUKAYPAAE0E	A 020TF		10170339	+ 05200				A JS	
	SCANP	PACDPAFR32	ACHUNA	030EPHEXPAAE0EE	010TF		03070079	+ 03800				A JS	
	SCANP	PACDPAFR32	AELF	010ELF	PADBON	IF				18000		A JS	
	SCANP	PACDPAFR32	AELF	020EPHEXPAAE0EY	A 020TF		14430195	+ 07200				A JS	
	SCANP	PACDPAFR32	AELF	030EPHEXPAAE0EB	CR HF		32450040	+ 03800				A JS	
	SCANP	PACDPAFR32	AURIME	010URIMEPAAE0E	IF					18000		A JS	
	SCANP	PACDPAFR32	AURIME	020AFNERPAAE0E	A 020TF		18790162	+ 07200				A JS	
	SCANP	PACDPAFR32	AURIME	030EPHEXPAAE0EE	010TF		23460100	+ 03800				A JS	
	SCANP	PACDPAFR32	R	010EPHEXPAAE0E	I IF			+ 03800		18000		A JS	

CITY AND STATE COLD BAY, AK	ELEVATION: 96 TDZE: 89	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: COLD BAY			AMDT: ORIG
				DATED: 12/22/2005

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32450063	+ 02300	RW32	PAPGA JS
			JS
32440037	V 0108001098	-300	A JS
32440030	00134	-300	A JS
	+ 03000		A JS
14440040	+ 03000		A JS

SCANP PACDPAGRW32 0104153244 N55114516W162431026-0200 +0044000089000045150R

SCANP	PACDPAPR32	RW32	001	0000W32A0N5511451600W16243102600+004400300N5513206200W16244165100106750000000450F400500EB36873F
SCANP	PACDPAPR32	RW32	002	+00272+00272LPV 49106 000

SCANP PACDPASRW32 PAPG 0 18018007125 M

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

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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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CDB	CDB	010		IF		FB				
	CDB	EPHEX	020	IAF	TF		FO	2.0	143.8 (158T)	017.7	07200
	CDB	EPHEX	030		HF	R	FO		324.5 (339T)	004.0	03800
	CHUNA	CHUNA	010		IF		FB				
	CHUNA	BUKAY	020	IAF	TF		FB	2.0	101.7 (116T)	033.9	05200
	CHUNA	EPHEX	030		TF		FB	1.0	030.7 (045T)	007.9	03800
	ELF	ELF	010		IF		FB				
	ELF	EPHEX	020	IAF	TF		FO	2.0	144.3 (158T)	019.5	07200
	ELF	EPHEX	030		HF	R	FO		324.5 (339T)	004.0	03800
	URIME	URIME	010		IF		FB				
	URIME	AFNER	020	IAF	TF		FB	2.0	187.9 (202T)	016.2	07200
	URIME	EPHEX	030		TF		FB	1.0	234.6 (249T)	010.0	03800
		EPHEX	010	FACF	IF		FB				03800
		ODOWO	020	FAF	TF		FB	0.5	324.5 (339T)	006.3	02300
		PABGE	021	SDF	TF		FB	0.3	324.4 (338T)	003.7	01080
		RW32	030	MAP	TF		FO	0.3	324.4 (338T)	003.0	00134

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DEADS	040		DF		FO	1.0			03000
	DEADS	050		HM	L	FO	2.0	144.4 (158T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CDB	N551602.56	W1624627.26	N5516.043	W16246.454
	ELF	N551745.86	W1624720.67	N5517.764	W16247.345
	AFNER	N550320.83	W1621841.31	N5503.347	W16218.689
	BUKAY	N545406.78	W1624427.60	N5454.113	W16244.460
	CHUNA	N550856.89	W1633719.66	N5508.948	W16337.328
	DEADS	N552522.40	W1625240.45	N5525.373	W16252.674
	EPHEX	N545941.58	W1623451.13	N5459.693	W16234.852
	ODOWO	N550533.43	W1623853.16	N5505.557	W16238.886
	PABGE	N550858.14	W1624114.57	N5508.969	W16241.243
	URIME	N551821.95	W1620811.58	N5518.366	W16208.193
	RW32	N551145.16	W1624310.26	N5511.753	W16243.171

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW32	00089	45

CITY AND STATE COLD BAY, AK	ELEVATION: 96 TDZE: 89	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: COLD BAY			AMDT: ORIG
				DATED: 12/22/2005

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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CITY AND STATE

COLD BAY, AK

ELEVATION: 96

TDZE: 89

AIRPORT NAME:

COLD BAY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/22/2005

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 8, 14, 32, STANDARD.

RWY 26, 900-2 1/2 or STANDARD WITH MINIMUM CLIMB OF 400 FEET PER NM TO 1200.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 8, 14 - CLIMBING LEFT TURN DIRECT ELF NDB OR CDB VORTAC, THENCE...

RWY 32 - CLIMB DIRECT TO ELF NDB OR CDB VORTAC, THENCE...

RWY 26 - CLIMBING RIGHT TURN DIRECT ELF NDB OR CDB VORTAC, THENCE...

... CLIMB IN ELF NDB HOLDING PATTERN (NW, LT, 144.35 INBOUND) OR CDB VORTAC HOLDING PATTERN (NW, LT, 145.24 INBOUND) TO MEA FOR DIRECTION OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, ANT ON BLDG, 480' FROM DER, 237' LEFT OF CENTERLINE, 17' AGL/106' MSL. GROUND 1' FROM DER, 300' LEFT OF CENTERLINE, 3' AGL/92' MSL.

NOTE: RWY 26, GROUND, 50' FROM DER, 297' RIGHT OF CENTERLINE, 8' AGL/93' MSL. ROAD, 311' FROM DER, 259' LEFT OF CENTERLINE, 14' AGL/99' MSL. ROAD, 372' FROM DER, 7' RIGHT OF CENTERLINE, 12' AGL/97' MSL.

(4) CONTROLLING OBSTACLES:

RWY 26: 914 MSL VEGETATION 551135.07N/1624711.53W

(5) City, State

COLD BAY, AK

(6) Airport

COLD BAY

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

5

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW15 CLIMB TO 5000 DIRECT KOTKE AND VIA 161.70 TRACK TO RIVVA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 161.08 INBOUND. CHART FAS OBST: 1669 TREE 621007N/1452741W DISTANCE TO THLD FROM 332 HAT: 0.89 NM. CHART VDP AT 0.89 MILES TO RW15* *LNAV ONLY. WAAS CHANNEL # 56307 REFERENCE PATH ID: W15A CHART WAAS SYMBOL CHART ARPT ELEV: 1586 CHART TDZE: 1586								
PODHY (IAF)	ICCOH (NOPT) (FB)	238.14 / 5.00	4200									
NIWCY (IAF)	ICCOH (NOPT) (FB)	057.82 / 5.00	4200									
ICCOH (IF/IAF)	ACYIJ (FB)	147.98 / 7.15	3200									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW ICCOH, RT, 147.98 INBOUND, 4200 FT. IN LIEU OF PT (IAF) 3. FAC: 148.02 FAF: ACYIJ _____ DIST FAF TO MAP: 4.85 THLD: 4.85 4. MIN. ALT: ICCOH 4200, ACYIJ 3200, JIKAB/1.50 NM TO RW15 2100* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3200 GS ALT AT: ACYIJ _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 23E EPOCH YEAR: 2005								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1918	1 1/4	332	1918	1 1/4	332	1918	1 1/4	332	1918	1 1/4	332
LNAV/VNAV DA	1952	1 1/4	366	1952	1 1/4	366	1952	1 1/4	366	1952	1 1/4	366
LNAV MDA	1920	1	334	1920	1	334	1920	1	334	1920	1	334
CIRCLING	1980	1	394	2040	1	454	2040	1 1/2	454	2140	2	554
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C (-18F) OR ABOVE 45C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10												
CITY AND STATE		ELEVATION: 1586 TDZE: 1586		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
GULKANA, AK		AIRPORT NAME: GULKANA		RNAV		RNAV (GPS) RWY 15, AMDT 2 31 JUL 2008		AMDT: 1				
								DATED 01/18/2003				

CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.

TAA

	FROM	TO	ALT
1.	058/30 CW 238/30 (NOPT)	058/12 CW 238/12	6900
2.	058/12 CW 238/12	ICCOH (IF/IAF) (FB)	4200
3.	238/30 CW 328/30	238/17 CW 328/17	14200
4.	238/17 CW 328/17	PODHY (IAF) (FB)	6200
5.	328/30 CW 058/30	328/15 CW 058/15	6900
6.	328/15 CW 058/15	NIWCY (IAF) (FB)	4900

CITY AND STATE

GULKANA, AK

ELEVATION: 1586 TDZE: 1586

AIRPORT NAME:

GULKANA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, AMDT 2

31 JUL 2008

SUP:

AMDT: 1

DATED: 01/18/2007

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	PAGK
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	620942.1470N
LTP/FTP LONGITUDE	1452723.8075W
LTP/FTP ELLIPSOIDAL HEIGHT	+04975
FPAP LATITUDE	620814.4000N
FPAP LONGITUDE	1452654.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER F9B70F48

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+04834
FPAP ORTHOMETRIC HEIGHT	+04834

CITY AND STATE
GULKANA, AK

ELEVATION: 1586 TDZE: 1586
AIRPORT NAME:
GULKANA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 2
31 JUL 2008

SUP:
AMDT: 1
DATED: 01/18/2007

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

1	2	3	4	5	6	7	8	9	0	1	2	3
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PAGE 4 OF 6 PAGES

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

SCANP	PAGKPAPR15	RW15	001	0000W15AON6209421470W14527238075+049750300N6208144000W14526542500106751224000500F400500F9B70F48	
SCANP	PAGKPAPR15	RW15	002E	+04834+C4834LPV	56307 000

CITY AND STATE
GULKANA, AK

ELEVATION: 1586 TDZE: 1586
AIRPORT NAME:
GULKANA

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 2
 31 JUL 2008

SUP:	
AMDT:	1
DATED:	01/18/2007

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
	ICCOH	ICCOH	010		HF	R	FB		148.0 (171T)	005.0	04200
	NIWCY	NIWCY	010	IAF	IF		FB				
	NIWCY	ICCOH	020		TF		FB	1.0	057.8 (081T)	005.0	04200
	PODHY	PODHY	010	IAF	IF		FB				
	PODHY	ICCOH	020		TF		FB	1.0	238.1 (261T)	005.0	04200
		ICCOH	010	FACF	IF		FB				04200
		ACYIJ	020	FAF	TF		FB	0.5	148.0 (171T)	007.2	03200
		JIKAB	021	SDF	TF		FB	0.3	148.0 (171T)	003.4	02100
		RW15	030	MAP	TF		FO	0.3	148.0 (171T)	001.5	01636

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KOTKE	040		DF		FB	1.0			
	RIVVA	050		TF		FO	1.0	161.7 (185T)		05000
	RIVVA	060		HM	L	FO	2.0	161.1 (184T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACYIJ	N621429.49	W1452900.60	N6214.475	W14529.010
	ICCOH	N622131.20	W1453124.45	N6221.520	W14531.408
	JIKAB	N621110.79	W1452753.72	N6211.180	W14527.895
	KOTKE	N620743.96	W1452644.01	N6207.733	W14526.734
	NIWCY	N622043.90	W1454200.00	N6220.732	W14542.000
	PODHY	N622217.69	W1452048.35	N6222.295	W14520.806
	RIVVA	N615318.72	W1452914.83	N6153.312	W14529.247
	RW15	N620942.15	W1452723.81	N6209.703	W14527.397

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	01586	50

CITY AND STATE
GULKANA, AK

ELEVATION: 1586 TDZE: 1586
AIRPORT NAME:
GULKANA

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 15, AMDT 2
31 JUL 2008

SUP:
AMDT: 1
DATED: 01/18/2007

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: RW33 CLIMB TO 4000 DIRECT JIKAB AND VIA 334.62 TRACK TO DOZEY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 153.05 INBOUND. CHART FAS OBST: 1638 TREE 620834N/1452653W DISTANCE TO THLD FROM 317 HAT: 0.92 NM. CHART VDP AT 0.96 MILES TO RW33* *LNAV ONLY. WAAS CHANNEL # 42507 REFERENCE PATH ID: W33A CHART WAAS SYMBOL CHART ARPT ELEV: 1586 CHART TDZE: 1573							
GKN VOR/DME		MITIH (FO)		148.86 / 12.81				5200									
SMOKY		KLUNG (FB)		113.99 / 24.19				7000									
KLUNG (IAF)		CEMOP (FB)		018.72 / 9.77				6800									
CEMOP		MITIH (NOPT) (FB)		018.93 / 5.00				5200									
TOSIN (IAF)		HOXOG (FB)		353.29 / 7.77				7000									
HOXOG		MITIH (NOPT) (FB)		353.35 / 5.00				5200									
MITIH (IF/IAF)		YEYGI (FB)		328.10 / 6.62				3500									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD SE MITIH, RT, 328.10 INBOUND, 5200 FT. IN LIEU OF PT (IAF) 3. FAC: 328.07 FAF: YEYGI _____ DIST FAF TO MAP: 5.88 THLD: 5.88 4. MIN. ALT: MITIH 5200, YEYGI 3500 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3500 GS ALT AT: YEYGI _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR 8. MSA FROM: RW33 13300																	
MAG VAR: 23E EPOCH YEAR: 2005																	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD					
CATEGORY ==>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1890	1 1/4	317	1890	1 1/4	317	1890	1 1/4	317	1890	1 1/4	317					
LNAV/VNAV DA	1908	1 1/4	335	1908	1 1/4	335	1908	1 1/4	335	1908	1 1/4	335					
LNAV MDA	1900	1	327	1900	1	327	1900	1	327	1900	1	327					
CIRCLING	1980	1	394	2040	1	454	2040	1 1/2	454	2140	2	554					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -28C (-18F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.																	
CITY AND STATE				ELEVATION: 1586 TDZE: 1573				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
GULKANA, AK				AIRPORT NAME: GULKANA				RNAV				RNAV (GPS) RWY 33, AMDT 2 31 JUL 2008				AMDT: 1	
														DATED 01/18/2007			

 2
 Check

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 PAGK
RUNWAY RW33
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W33A
LTP/FTP LATITUDE 620853.5055N
LTP/FTP LONGITUDE 1452707.4120W
LTP/FTP ELLIPSOIDAL HEIGHT +04853
FPAP LATITUDE 621021.2600N
FPAP LONGITUDE 1452737.0100W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

673CBBD9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE PA
LTP ORTHOMETRIC HEIGHT +04712
FPAP ORTHOMETRIC HEIGHT +04712

CITY AND STATE

GULKANA, AK

ELEVATION: 1586 TDZE: 1573

AIRPORT NAME:

GULKANA

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, AMDT 2

31 JUL 2008

SUP:

AMDT:

1

DATED:

01/18/2007

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

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

CITY AND STATE GULKANA, AK	ELEVATION: 1586 TDZE: 1573 AIRPORT NAME: GULKANA	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, AMDT 2 31 JUL 2008	SUP:
				AMDT: 1
				DATED: 01/18/2007

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

33810059	01596	-300	A JS
			A JS
3346	+ 04000		A JS
15310040	+ 04000		A JS

SCANP PAGKPAGRW33 0050013280 N62085351W145270741+0800 +0485301546000050100R

SCANP	PAGKAPR33	RW33	001	0000W33A0N6208535055W14527074120+048530300N6210212600W14527370100106751224000500F400500673CBB9
SCANP	PAGKAPR33	RW33	002E	+04712+04712LPV 42507 000

SCANP PAGKPASRW33 PAPG 0 18018013325 M

SUP:	
AMDT:	1
DATED:	01/18/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	GKN	GKN	010		IF		FB				
	GKN	MITIH	020	IAF	TF		FO	2.0	148.9 (172T)	012.8	05200
	GKN	MITIH	030		HF	R	FO		328.1 (351T)	005.0	05200
	SMOKY	SMOKY	010		IF		FB				
	SMOKY	KLUNG	020		TF		FB	2.0	114.0 (137T)	024.2	07000
	SMOKY	CEMOP	030		TF		FB	1.0	018.7 (042T)	009.8	06800
	SMOKY	MITIH	040		TF		FB	1.0	018.9 (042T)	005.0	05200
	TOSIN	TOSIN	010	IAF	IF		FB				
	TOSIN	HOXOG	020		TF		FB	1.0	353.3 (016T)	007.8	07000
	TOSIN	MITIH	030		TF		FB	1.0	353.4 (016T)	005.0	05200
		MITIH	010	FACF	IF		FB				05200
		YEYGI	020	FAF	TF		FB	0.5	328.1 (351T)	006.6	03500
		RW33	030	MAP	TF		FO	0.3	328.1 (351T)	005.9	01596

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JIKAB	040		DF		FB	1.0			
	DOZEY	050		TF		FO	1.0	334.6 (358T)		04000
	DOZEY	060		HM	R	FO	2.0	153.1 (176T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GKN	N620913.51	W1452650.51	N6209.225	W14526.842
	CEMOP	N615252.40	W1453004.46	N6152.873	W14530.074
	DOZEY	N622404.14	W1452903.08	N6224.069	W14529.051
	HOXOG	N615147.77	W1452558.88	N6151.796	W14525.981
	JIKAB	N621110.79	W1452753.72	N6211.180	W14527.895
	KLUNG	N614536.79	W1454348.70	N6145.613	W14543.812
	MITIH	N615634.77	W1452300.16	N6156.580	W14523.003
	SMOKY	N620319.52	W1461831.81	N6203.325	W14618.530
	TOSIN	N614421.62	W1453034.92	N6144.360	W14530.582
	YEYGI	N620305.87	W1452510.63	N6203.098	W14525.177
	RW33	N620853.51	W1452707.41	N6208.892	W14527.124

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW33	01546		50

CITY AND STATE
GULKANA, AK

ELEVATION: 1586 TDZE: 1573
 AIRPORT NAME:
GULKANA

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 33, AMDT 2
31 JUL 2008

SUP:
 AMDT: **1**
 DATED: **01/18/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB/DME 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.																																																																																																																																																
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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></td> <td>STANDARD</td> <td></td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> <td colspan="2"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="2" style="text-align: center;">B</td> <td colspan="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 style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">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> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															TAKEOFF:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A				CATEGORY =====>	A		B		C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																
TAKEOFF:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A																																																																																																																																																
CATEGORY =====>	A		B		C			D			E																																																																																																																																															
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																																																											
NOTES: JUL 31 2008 PROCEDURE CANCELED EFFECTIVE _____																																																																																																																																																										
CITY AND STATE SITKA, AK				ELEVATION: 21 TDZE: AIRPORT NAME: SITKA ROCKY GUTIERREZ				FACILITY IDENTIFIER: IME		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB/DME-B, AMDT 1, 02/16/2006				SUP AMDT ORIG DATE 06/25/1992																																																																																																																																												

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																				
TERMINAL ROUTES										MISSED APPROACH																																																																																															
FROM	TO	COURSE AND DISTANCE				ALTITUDE																																																																																																			
										ADDITIONAL FLIGHT DATA:																																																																																															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																																																																																																									
2. _____																																																																																																									
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																																																																																																									
4. MIN. ALT _____																																																																																																									
8. MSA FROM: _____										MAG VAR: _____ EPOCH YEAR: _____																																																																																															
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="3">ALTERNATE: N A _____</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> </table>															TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A _____			CATEGORY =====>	A			B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																
TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A _____																																																																																																	
CATEGORY =====>	A			B			C			D			E																																																																																												
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NOTES: PROCEDURE CANCELED EFFECTIVE JUL 31 2008																																																																																																									
CITY AND STATE SITKA, AK			ELEVATION: 21 TDZE: AIRPORT NAME: SITKA ROCKY GUTIERREZ			FACILITY IDENTIFIER: BKA		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-C, ORIG, 04/28/1994				SUP AMDT NONE DATE																																																																																													

DECLASSIFIED

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW18 CLIMB TO 3200 DIRECT CUVIT AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 001.32 INBOUND. CHART FAS OBST: 1243 TREE LINE 361200N/0942925W CHART FAS OBST: 1319 TREE 361401N/0942858W CHART 1359 TREE 361426/0942757W DISTANCE TO THLD FROM 288 HAT: 0.78 NM. WAAS CHANNEL # 90208 REFERENCE PATH ID: W18A				
RZC VORTAC	DOYAL (FB)	298.65 / 14.05	3100					
PRYOR	POBIE (FB)	067.73 / 33.28	3100					
DOYAL (IAF)	LALIC (NOPT) (FB)	271.40 / 5.00	3100					
POBIE (IAF)	LALIC (NOPT) (FB)	091.28 / 5.00	3100					
EOS VOR/DME (IAF)	LALIC (NOPT) (FB)	179.26 / 27.73	3100					
LALIC (IF/IAF)	FATAS (FB)	181.34 / 6.08	2800					
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N LALIC, RT, 181.34 INBOUND, 3100 FT. IN LIEU OF PT (IAF) 3. FAC: <u>181.33</u> FAF: <u>FATAS</u> DIST FAF TO MAP: <u>4.86</u> THLD: <u>4.86</u> 4. MIN. ALT: <u>LALIC 3100, FATAS 2800, TADME/2.90 NM TO RW18 2160*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>FATAS</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW18 3600</u>				MAG VAR: 4E EPOCH YEAR: 1995				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @			
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1479	1	288	1479	1	288	1479	1
LNAV/VNAV DA	1623	1 1/2	432	1623	1 1/2	432	1623	1 1/2
LNAV MDA	1580	1	389	1580	1	389	1580	1 1/4
CIRCLING	1620	1	429	1720	1	529	1760	2
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING NORTHWEST ARKANSAS REGIONAL ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10								
CITY AND STATE		ELEVATION: 1191 TDZE: 1191		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
SILOAM SPRINGS, AR		AIRPORT NAME: SMITH FIELD		RNAV		RNAV (GPS) RWY 18, AMDT 1 31 JUL 2008		AMDT: ORIG
								DATED 10/25/2007

 QUALITY
2
CHECKED

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

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

NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EOS VOR/DME VIA V14 NORTHEAST BOUND.****CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.*****LNAV ONLY****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORTHWEST ARKANSAS REGIONAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET, AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, AND LNAV VISIBILITY CAT C AND D 1/4 MILE.**

CITY AND STATE

SILOAM SPRINGS, AR

ELEVATION: 1191 TDZE: 1191

AIRPORT NAME:

SMITH FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 10/25/2007

QUALITY
2
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 INFORMATIONDATA FIELD

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

DATA

0
0
KSLG
RW18
0
0
W18A
361155.2700N
0942921.1300W
+03348
361026.4300N
0942931.3500W
00040.0
F
03.00
106.75
1224
40.0
50.0

CRC REMAINDER

933D574E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+03631
+03631

CITY AND STATE

SILOAM SPRINGS, AR

ELEVATION: 1191 TDZE: 1191

AIRPORT NAME:

SMITH FIELD

FACILITY

IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, AMDT 1

31 JUL 2008

SUP:

AMDT:

ORIG

DATED:

10/25/2007

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

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

CITY AND STATE SILOAM SPRINGS, AR	ELEVATION: 1191 TDZE: 1191 AIRPORT NAME: SMITH FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 18, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 10/25/2007

007 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.

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+ 03200      A JS
00130050    + 03200      A JS

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SUSAP KSLGK4GRW18 0049971813 N36115527W094292113-0300 +0334801191000040075R

SUSAP KSLGK4PR18	RW18 001 0000W18A0N3611552700W09429211300+033480300N3610264300W09429313500106751224000400F400500933D574E
SUSAP KSLGK4PR18	RW18 002E +03631+03631LPV 90208 000

SUSAP KSLGK4SRW18 K4PG	0	18018003625	M
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SUP:	
AMDT:	ORIG
DATED:	10/25/2007

QUALITY
2
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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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EOS	EOS	010	IAF	IF		FB				
	EOS	LALIC	020		TF		FB	1.0	179.3 (183T)	027.7	03100
	LALIC	LALIC	010		HF	R	FB		181.3 (185T)	005.0	03100
	PRYOR	PRYOR	010		IF		FB				
	PRYOR	POBIE	020	IAF	TF		FB	2.0	067.7 (072T)	033.3	03100
	PRYOR	LALIC	030		TF		FB	1.0	091.3 (095T)	005.0	03100
	RZC	RZC	010		IF		FB				
	RZC	DOYAL	020	IAF	TF		FB	2.0	298.7 (303T)	014.1	03100
	RZC	LALIC	030		TF		FB	1.0	271.4 (275T)	005.0	03100
		LALIC	010	FACF	IF		FB				03100
		FATAS	020	FAF	TF		FB	0.5	181.3 (185T)	006.1	02800
		TADME	021	SDF	TF		FB	0.3	181.3 (185T)	002.0	02160
		RW18	030	MAP	TF		FO	0.3	181.3 (185T)	002.9	01231

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUVIT	040		DF		FO	1.0			03200
	CUVIT	050		HM	R	FO	2.0	001.3 (005T)	005.0	03200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EOS	N365032.81	W0942608.52	N3650.547	W09426.142
	RZC	N361447.13	W0940717.00	N3614.786	W09407.283
	CUVIT	N360003.78	W0943042.83	N3600.063	W09430.714
	DOYAL	N362221.62	W0942155.75	N3622.360	W09421.929
	FATAS	N361646.04	W0942847.63	N3616.767	W09428.794
	LALIC	N362249.74	W0942805.62	N3622.829	W09428.094
	POBIE	N362317.54	W0943415.56	N3623.292	W09434.259
	PRYOR	N361257.24	W0951323.67	N3612.954	W09513.395
	TADME	N361448.76	W0942901.15	N3614.813	W09429.019
	RW18	N361155.27	W0942921.13	N3611.921	W09429.352

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW18	01191		40

CITY AND STATE
 SILOAM SPRINGS, AR

ELEVATION: 1191 TDZE: 1191
 AIRPORT NAME:
 SMITH FIELD

FACILITY
 IDENTIFIER:
 RNAV

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

SUP:
 AMDT: ORIG
 DATED: 10/25/2007

QUALITY
 2
 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 9R, 27L NA - VFR RUNWAY.

RWY 9L, 9C, 18, 36 STANDARD.

RWY 27C 300-1 OR STANDARD WITH MINIMUM CLIMB OF 460 FT PER NM TO 500.

RWY 27R 300-1 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 400.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 27C - CLIMB HEADING 274.91 TO 500 BEFORE PROCEEDING ON COURSE.

RWY 27R - CLIMB HEADING 274.90 TO 400 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9L, NUMEROUS TREES FROM 200' TO 2,300' FROM DER, 200' TO 700' LEFT AND RIGHT OF CENTERLINE, UP TO 60' AGL/90' MSL.

NOTE: RWY 9C, TREE 2,300' FROM DER, 90' RIGHT OF CENTERLINE, 71' AGL/111' MSL.

NOTE: RWY 27R, TOWER 3,435' FROM DER, 1,330' LEFT OF CENTERLINE, 115' AGL/171' MSL.

NOTE: RWY 27C, TOWER 2,360' FROM DER, 550' LEFT OF CENTERLINE, 128' AGL/185' MSL.

(4) CONTROLLING OBSTACLES:

RWY 9L: 90 MSL TREE 284651.69N/0811307.95W

RWY 9C: 111 MSL TREE 284641.63N/0811337.58W

RWY 27C: 185 MSL TWR 284637.00N/0811510.00W

RWY 27R: 171 MSL TWR 284641.00N/0811600.00N

(5) City, State

ORLANDO, FL

(6) Airport

ORLANDO SANFORD INTL

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

8

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	
PKD VOR/DME (IAF)	COSVO INT	031.73 / 30.64	3400	ILS: DA LOC: 5.18 MILES AFTER BUNAN LOM
COSVO INT (IF)	BUNAN LOM	310.10 / 11.50	3200	
				CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3200 DIRECT BUNAN LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2300, THEN CLIMBING LEFT TURN TO 4500 VIA HEADING 176.00 AND PKD R-356 TO PKD VOR/DME, AND HOLD SE, RT, 306.00 INBOUND.
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 310.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE PKD VOR/DME, RT, 306.00 INBOUND. CHART FAS OBST: 1517 OL ON WATER TANK 472857N/0945338W CHART IN PLANVIEW: PKD VOR/DME. CHART: TDZE 1389. CHART: APT ELEV 1391

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT COSVO
- FAC: 310.01 FAF: BUNAN LOM DIST FAF TO MAP: 5.18 THLD: 5.18
- MIN. ALT: COSVO 3400, BUNAN 3200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 828
- MIN GS INCPT: 3200 GS ALT AT: GS INTCP OM: 3056 MM: IM:
- GS ANGLE: 3.00 TCH: 45.1
- MSA FROM: MD LOM 3500

MAG VAR: 4E

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @				
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31	1589	1/2	200	1589	1/2	200	1589	1/2	200	1589	1/2	200			
S-LOC 31	1780	1/2	391	1780	1/2	391	1780	1/2	391	1780	3/4	391			
CIRCLING	1840	1	449	1860	1	469	1860	1 1/2	469	1960	2	569			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE DA TO 1682; INCREASE ALL MDA 100' AND S-LOC CAT C/D VISIBILITY 1/4 MILE. FOR INOPERATIVE MALSR, INCREASE S-ILS 31 ALL CATS VISIBILITY TO 1 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PKD VOR/DME VIA V175 SOUTHBOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE BEMIDJI, MN	ELEVATION: 1391 TDZE: 1389 AIRPORT NAME: BEMIDJI REGIONAL	FACILITY IDENTIFIER: I-MDI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 4 31 JUL 2008	SUP: ILS RWY 31 AMDT: 3B DATED 07/07/2008
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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 7, 13, 25, 31 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE : RWY 7, VEGETATION BEGINNING 859' FROM DER, 544' RIGHT OF CENTERLINE, UP TO 62' AGL/1,442' MSL. VEGETATION BEGINNING 1,404' FROM DER, 683' LEFT OF CENTERLINE, UP TO 44' AGL/1,424' MSL.

NOTE : RWY 13, VEHICLE ON ROAD, 541' FROM DER, 525' RIGHT OF CENTERLINE, 15' AGL/1,398' MSL.

NOTE : RWY 25, POLES BEGINNING 1,337' FROM DER, 205' RIGHT OF CENTERLINE UP TO 61' AGL/1,445' MSL. TREES BEGINNING 1,414' FROM DER, 254' LEFT OF CENTERLINE, UP TO 57' AGL/1,441' MSL. TREE, 1,406' FROM DER, 233' RIGHT OF CENTERLINE, 53' AGL/1,437' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

BEMIDJI, MN

(6) Airport

BEMIDJI REGIONAL

(7) Effective Date

31 JUL 2008

(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	
YOTSU (IAF)	WUSCO (NOPT) (FB)	218.31 / 5.00	3000	LNAV: RW13 CLIMB TO 3000 DIRECT JINPU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.56 INBOUND. CHART FAS OBST: 1313 TOWER 465324N/0971630W VAYUN TO RW13: 3.05/40.
ZUNBI (IAF)	WUSCO (NOPT) (FB)	038.19 / 5.00	3000	
WUSCO (IF/IAF)	VAYUN (FB)	128.25 / 6.10	2800	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NW WUSCO, RT, 128.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 128.33 FAF: VAYUN DIST FAF TO MAP: 5.65 THLD: 5.65
- MIN. ALT: WUSCO 3000, VAYUN 2800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 6E

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:	☐	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☒										
CATEGORY	----->	A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA		1620	1	687	1620	1	687	1620	2	687		NA				
CIRCLING		1620	1	687	1620	1	687	1620	2	687		NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CHART NOTE: USE FARGO ALTIMETER SETTING; WHEN NOT RECEIVED USE MOREHEAD ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

CITY AND STATE CASSELTON, ND	ELEVATION: 933 TDZE: 933 AIRPORT NAME: CASSELTON ROBERT MILLER RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED 12/20/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TAA

	FROM	TO	ALT
1.	038/30 CW 218/30 (NOPT)	038/15 CW 218/15	4200
2.	038/15 CW 218/15	WUSCO (IF/IAF) (FB)	3000
3.	218/30 CW 308/30	YOTSU (IAF) (FB)	3200
4.	308/30 CW 038/30	ZUNBI (IAF) (FB)	3100

CITY AND STATE

CASSELTON, ND

ELEVATION: 933 TDZE: 933

AIRPORT NAME:

CASSELTON ROBERT MILLER RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1
31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/20/2007

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

[illegible]

E0032	NAR	JINPU
E0040	NAR	VAYUN
E0040	NAR	WUSCO
E0040	NAR	YOTSU
E0040	NAR	ZUNBI

[illegible]

MNAR CASSELTON ROBERT MILLER RGNL

[illegible]

12830040	+ 03000	18000		B JS
		18000		B JS
21830050	+ 03000			B JS
		18000		B JS
03820050	+ 03000			B JS
	+ 03000	18000		B JS
12830061	+ 02800			B JS
				JS
12830057	00973		-305	B JS
	+ 03000			B JS
30860040	+ 03000			B JS

[illegible]

+0258200933000040075R

SUP:	
AMDT:	ORIG
DATED:	12/20/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WUSCO	WUSCO	010		HF	R	FB		128.3(134T)	004.0	03000
	YOTSU	YOTSU	010	IAF	IF		FB				
	YOTSU	WUSCO	020		TF		FB	1.0	218.3(224T)	005.0	03000
	ZUNBI	ZUNBI	010	IAF	IF		FB				
	ZUNBI	WUSCO	020		TF		FB	1.0	038.2(044T)	005.0	03000
		WUSCO	010	FACF	IF		FB				03000
		VAYUN	020	FAF	TF		FB	0.5	128.3(134T)	006.1	02800
		RW13	030	MAP	TF		FO	0.3	128.3(134T)	005.7	00973

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JINPU	040		DF		FO	1.0			03000
	JINPU	050		HM	R	FO	2.0	308.6(315T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JINPU	N464246.91	W0965956.36	N4642.782	W09659.939
	VAYUN	N465524.51	W0971841.61	N4655.409	W09718.694
	WUSCO	N465940.04	W0972504.19	N4659.667	W09725.070
	YOTSU	N470314.72	W0971958.03	N4703.245	W09719.967
	ZUNBI	N465605.13	W0973009.67	N4656.086	W09730.161
	RW13	N465127.65	W0971248.34	N4651.461	W09712.806

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00933	40

CITY AND STATE CASSELTON, ND	ELEVATION: 933 TDZE: 933	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: CASSELTON ROBERT MILLER RGNL			AMDT: ORIG
				DATED: 12/20/2007

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.				
TERMINAL ROUTES				MISSED APPROACH				
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 3000 DIRECT WUSCO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.25 INBOUND. CHART FAS OBST: 1029 TREE 465009N/0971158W FAS OBST: 1124 AAO 464733N/0970838W DISTANCE TO THLD FROM 293 HAT: 0.81 NM. WAAS CHANNEL # 53607 REFERENCE PATH ID: W31A CHART TDZ ELEV 933				
IYISA (IAF)	JINPU (NOPT) (FB)	038.50 / 5.00	3000					
HUXIV (IAF)	JINPU (NOPT) (FB)	218.62 / 5.00	3000					
JINPU (IF/IAF)	KIKEC (FB)	308.56 / 6.09	2800					
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. <u>HOLD SE JINPU, RT, 308.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>308.48</u> FAF: <u>KIKEC</u> DIST FAF TO MAP: <u>5.66</u> THLD: <u>5.66</u> 4. MIN. ALT: <u>JINPU 3000, KIKEC 2800</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2800</u> GS ALT AT: <u>KIKEC</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 6E EPOCH YEAR: 1985				
MINIMUMS								
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	A	X		
CATEGORY =====>	A		B		C		D	E
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	1226	1	293	1226	1	293	1226	1
LNAV/VNAV DA	1370	1 1/2	437	1370	1 1/2	437	1370	1 1/2
LNAV MDA	1420	1	487	1420	1	487	1420	1 1/4
CIRCLING	1420	1	487	1420	1	487	1420	1 1/2
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. SEE 8260-10								
CITY AND STATE		ELEVATION: 933 TDZE: 933		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:
CASSELTON, ND		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 31, AMDT 1		AMDT: ORIG
		CASSELTON ROBERT MILLER RGNL				31 JUL 2008		DATED 12/20/2007

 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.

NOTES CONT.

CHART NOTE: USE FARGO ALTIMETER SETTING; WHEN NOT RECEIVED, USE MOREHEAD ALTIMETER SETTING AND INCREASE ALL DA 11 FEET AND ALL MDA 20 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	219/30 CW 039/30 (NOPT)	219/15 CW 039/15	3600
2.	219/15 CW 039/15	JINPU (IF/IAF) (FB)	3000
3.	039/30 CW 129/30	IYISA (IAF) (FB)	3000
4.	129/30 CW 219/30	HUXIV (IAF) (FB)	3200

CITY AND STATE

CASSELTON, ND

ELEVATION: 933

TDZE: 933

AIRPORT NAME:

CASSELTON ROBERT MILLER RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/20/2007

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER 5N8
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31A
LTP/FTP LATITUDE 465100.7080N
LTP/FTP LONGITUDE 0971208.2460W
LTP/FTP ELLIPSOIDAL HEIGHT +02566
FPAP LATITUDE 465203.0200N
FPAP LONGITUDE 0971341.0100W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1560
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

6A9C8CFC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +02828
FPAP ORTHOMETRIC HEIGHT +02828

CITY AND STATE

CASSELTON, ND

ELEVATION: 933 TDZE: 933

AIRPORT NAME:

CASSELTON ROBERT MILLER RGNL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 12/20/2007

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 5N8 K3FR31	AHUXIV	010HUXIVK3EA0E	A	IF						18000		B JS	
SUSAP 5N8 K3FR31	AHUXIV	020JINPUK3EA0EE		010TF			21860050	+	03000			B JS	
SUSAP 5N8 K3FR31	AIYISA	010IYISAK3EA0E	A	IF						18000		B JS	
SUSAP 5N8 K3FR31	AIYISA	020JINPUK3EA0EE		010TF			03850050	+	03000			B JS	
SUSAP 5N8 K3FR31	AJINPU	010JINPUK3EA0EE	CR	HF			30860040	+	03000	18000		B JS	
SUSAP 5N8 K3FR31	R	010JINPUK3EA0E	I	IF				+	03000	18000		B JS	
SUSAP 5N8 K3FR31	R	020KIKECK3EA1E	F	051TF			30860061	+	02800			B JS	
SUSAP 5N8 K3FR31	R	020KIKECK3EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP 5N8 K3FR31	R	030RW31 K3PGOGY	M	031TF			30850057		00968		-300	B JS	
SUSAP 5N8 K3FR31	R	040WUSCOK3EA0EYM		010DF				+	03000			B JS	
SUSAP 5N8 K3FR31	R	050WUSCOK3EA0EE		HR020HM			12830040	+	03000			B JS	

[illegible][illegible]

CITY AND STATE CASSELTON, ND	ELEVATION: 933 TDZE: 933	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME:			AMDT: ORIG
	CASSELTON ROBERT MILLER RGNL			DATED: 12/20/2007

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

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

CITY AND STATE
CASSELTON, ND

ELEVATION: 933 TDZE: 933
AIRPORT NAME:
CASSELTON ROBERT MILLER RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 31, AMDT 1
31 JUL 2008

SUP:
AMDT: **ORIG**
DATED: **12/20/2007**

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	HUXIV	HUXIV	010	IAF	IF		FB				
	HUXIV	JINPU	020		TF		FB	1.0	218.6 (225T)	005.0	03000
	IYISA	IYISA	010	IAF	IF		FB				
	IYISA	JINPU	020		TF		FB	1.0	038.5 (045T)	005.0	03000
	JINPU	JINPU	010		HF	R	FB		308.6 (315T)	004.0	03000
		JINPU	010	FACF	IF		FB				03000
		KIKEC	020	FAF	TF		FB	0.5	308.6 (315T)	006.1	02800
		RW31	030	MAP	TF		FO	0.3	308.5 (315T)	005.7	00968

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WUSCO	040		DF		FO	1.0			03000
	WUSCO	050		HM	R	FO	2.0	128.3 (134T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUXIV	N464620.46	W0965450.12	N4646.341	W09654.835
	IYISA	N463913.13	W0970501.93	N4639.219	W09705.032
	JINPU	N464246.91	W0965956.36	N4642.782	W09659.939
	KIKEC	N464702.83	W0970614.97	N4647.047	W09706.250
	WUSCO	N465940.04	W0972504.19	N4659.667	W09725.070
	RW31	N465100.71	W0971208.25	N4651.012	W09712.138

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00928	40

CITY AND STATE CASSELTON, ND	ELEVATION: 933 TDZE: 933	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: CASSELTON ROBERT MILLER RGNL			AMDT: ORIG
				DATED: 12/20/2007

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.							
GPS STANDARD INSTRUMENT APPROACH PROCEDURE															
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 31 JUL 2008 															
CITY AND STATE SEWARD, NE				ELEVATION: 1505 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 16, ORIG-A, 08/07/2003				SUP AMDT ORIG DATE 10/07/1999	

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

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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	KSWT
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	405209.3755N
LTP/FTP LONGITUDE	0970634.4120W
LTP/FTP ELLIPSOIDAL HEIGHT	+04285
FPAP LATITUDE	405040.6400N
FPAP LONGITUDE	0970623.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00041.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

59B76C33

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04554
FPAP ORTHOMETRIC HEIGHT	+04554

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

[illegible]

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: FNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	APIKY	APIKY	010		HF	R	FB		168.4 (174T)	004.0	03300
	DWELL	DWELL	010		IF		FB				
	DWELL	VOSTE	020	IAF	TF		FB	2.0	229.7 (236T)	005.0	03300
	DWELL	APIKY	030		TF		FB	1.0	258.5 (265T)	005.0	03300
	ITBEW	ITBEW	010		IF		FB				
	ITBEW	SORGE	020	IAF	TF		FB	2.0	089.2 (095T)	013.2	03300
	ITBEW	APIKY	030		TF		FB	1.0	078.4 (084T)	005.0	03300
		APIKY	010	FACF	IF		FB				03300
		ECHER	020	FAF	TF		FB	0.5	168.4 (174T)	005.1	03100
		CETRI	021	SDF	TF		FB	0.3	168.4 (174T)	003.1	02100
		RW16	030	MAP	TF		FO	0.3	168.4 (174T)	001.8	01535

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AJADI	040		DF		FO	1.0			03300
	AJADI	050		HM	R	FO	2.0	348.5 (355T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AJADI	N404059.43	W0970508.88	N4040.991	W09705.148
	APIKY	N410203.93	W0970750.71	N4102.066	W09707.845
	CETRI	N405356.94	W0970648.18	N4053.949	W09706.803
	DWELL	N410523.23	W0965546.19	N4105.387	W09655.770
	ECHER	N405659.08	W0970711.54	N4056.985	W09707.192
	ITBEW	N410247.83	W0973150.69	N4102.797	W09731.845
	SORGE	N410134.66	W0971425.22	N4101.578	W09714.420
	VOSTE	N410232.83	W0970116.10	N4102.547	W09701.268
	RW16	N405209.38	W0970634.41	N4052.156	W09706.574

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW16	01494	41

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW34 CLIMB TO 3300 DIRECT APIKY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 168.44 INBOUND. CHART FAS OBST: 1579 TREE 405107N/0970708W DISTANCE TO THLD FROM 327 HAT: 0.90 NM. WAAS CHANNEL # 82407 REFERENCE PATH ID: W34A								
TEVUW	ECEYO (FB)	081.80 / 11.47	4000									
LNK VORTAC	AYEGI (FB)	211.56 / 17.58	3600									
ECEYO (IAF)	AJADI (NOPT) (FB)	078.40 / 5.00	3300									
AYEGI (IAF)	AJADI (NOPT) (FB)	258.54 / 5.00	3300									
AJADI (IF/IAF)	COKET (FB)	348.47 / 5.10	3300									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S AJADI, RT, 348.47 INBOUND, 3300 FT. IN LIEU OF PT (IAF) 3. FAC: <u>348.46</u> FAF: <u>COKET</u> DIST FAF TO MAP: <u>5.42</u> THLD: <u>5.42</u> 4. MIN. ALT: <u>AJADI 3300, COKET 3300, IXISE/1.70 NM TO RW34 2080*</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>3300</u> GS ALT AT: <u>COKET</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>41.2</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW34 4100</u>				MAG VAR: 6E EPOCH YEAR: 2000								
MINIMUMS												
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	☒								
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	1833	1 1/4	327	1833	1 1/4	327		NA			NA	
LNAV/VNAV DA	1926	1 1/2	420	1926	1 1/2	420		NA			NA	
LNAV MDA	1960	1	454	1960	1	454		NA			NA	
CIRCLING	2020	1	514	2020	1	514		NA			NA	
NOTES: CHART NOTE: BARO-VNAV NA. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY SEE 8260-10												
CITY AND STATE			ELEVATION: 1506 TDZE: 1506		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:		
SEWARD, NE			AIRPORT NAME:		RNAV		RNAV (GPS) RWY 34, ORIG 31 JUL 2008			AMDT: NONE		
			SEWARD MUNICIPAL							DATED		

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LNK VORTAC AIRWAY RADIALS 190 CW 258 AND ARRIVALS AT TEVUW VIA V61 WEST BOUND.

CHART NOTE: USE LINCOLN ALTIMETER SETTING.

CITY AND STATE

SEWARD, NE

ELEVATION: 1506 TDZE: 1506

AIRPORT NAME:

SEWARD MUNICIPAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSWT
RUNWAY RW34
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W34A
LTP/FTP LATITUDE 405128.0750N
LTP/FTP LONGITUDE 0970629.1150W
LTP/FTP ELLIPSOIDAL HEIGHT +04319
FPAP LATITUDE 405256.8200N
FPAP LONGITUDE 0970640.4800W
THRESHOLD CROSSING HEIGHT (TCH) 00041.2
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1472
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

193AE586

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K3
LTP ORTHOMETRIC HEIGHT +04588
FPAP ORTHOMETRIC HEIGHT +04588

CITY AND STATE

SEWARD, NE

ELEVATION: 1506 TDZE: 1506

AIRPORT NAME:

SEWARD MUNICIPAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	LNK	K3011610VTHW	N40552560W096443123	N40552560W096443123E009001370	NARLINCOLN								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	AJADI	K30	W	N40405943W097050888	E0043	NAR	AJADI						
SUSAEAENRT	APIKY	K30	W	N41020393W097075071	E0043	NAR	APIKY						
SUSAEAENRT	AYEGI	K30	W	N40412817W096583633	E0036	NAR	AYEGI						
SUSAEAENRT	COKET	K30	W	N40460395W097054769	E0043	NAR	COKET						
SUSAEAENRT	ECEYO	K30	W	N40403032W097114133	E0043	NAR	ECEYO						
SUSAEAENRT	IXISE	K30	W	N40494649W097061612	E0043	NAR	IXISE						
SUSAEAENRT	TEVUW	K30	L	N40400483W097264511	E0043	NAR	TEVUW						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSWTK3ASWT	0	042YHN40515300W097063320E006001506	1800018000C	MNAR	SEWARD MUNICIPAL							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSWTK3FR34	AAJADI	010AJADIK3EA0EE	CR	HF	34850040	+ 03300	18000				A JS	
SUSAP	KSWTK3FR34	ALNK	010LNK	K3D	OV			18000				A JS	
SUSAP	KSWTK3FR34	ALNK	020AYEGIK3EA0E	A	020TF	21160176	+ 03600					A JS	
SUSAP	KSWTK3FR34	ALNK	030AJADIK3EA0EE		010TF	25850050	+ 03300					A JS	
SUSAP	KSWTK3FR34	ATEVUW	010TEVUWK3EA0E		IF			18000				A JS	
SUSAP	KSWTK3FR34	ATEVUW	020ECEYOK3EA0E	A	020TF	08180115	+ 04000					A JS	
SUSAP	KSWTK3FR34	ATEVUW	030AJADIK3EA0EE		010TF	07840050	+ 03300					A JS	
SUSAP	KSWTK3FR34	R	010AJADIK3EA0E	I	IF		+ 03300	18000				A JS	
SUSAP	KSWTK3FR34	R	020COKETK3EA1E	F	051TF	34850051	+ 03300				RW34	K3PGA	JS
SUSAP	KSWTK3FR34	R	020COKETK3EA2WALPV		ALNAV/VNAV							JS	
SUSAP	KSWTK3FR34	R	021IXISEK3EA0E	S	031TF	34850037	V 0208002090	-300				A JS	
SUSAP	KSWTK3FR34	R	030RW34	K3PGOGY	M 031TF	34850017	01546	-300				A JS	
SUSAP	KSWTK3FR34	R	040APIKYK3EA0EYM		010DF		+ 03300					A JS	
SUSAP	KSWTK3FR34	R	050APIKYK3EA0EE		HR020HM	16840040	+ 03300					A JS	

CITY AND STATE
SEWARD, NE

ELEVATION: 1506 TDZE: 1506
 AIRPORT NAME:
 SEWARD MUNICIPAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 34, ORIG
 31 JUL 2008

SUP:
 AMDT: NONE
 DATED:

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

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1506 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AJADI	AJADI	010		HF	R	FB		348.5 (355T)	004.0	03300
	LNK	LNK	010		IF		FB				
	LNK	AYEGI	020	IAF	TF		FB	2.0	211.6 (218T)	017.6	03600
	LNK	AJADI	030		TF		FB	1.0	258.5 (265T)	005.0	03300
	TEVUW	TEVUW	010		IF		FB				
	TEVUW	ECEYO	020	IAF	TF		FB	2.0	081.8 (088T)	011.5	04000
	TEVUW	AJADI	030		TF		FB	1.0	078.4 (084T)	005.0	03300
		AJADI	010	FACF	IF		FB				03300
		COKET	020	FAF	TF		FB	0.5	348.5 (355T)	005.1	03300
		IXISE	021	SDF	TF		FB	0.3	348.5 (355T)	003.7	02080
		RW34	030	MAP	TF		FO	0.3	348.5 (355T)	001.7	01546

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	APIKY	040		DF		FO	1.0			03300
	APIKY	050		HM	R	FO	2.0	168.4 (174T)	004.0	03300

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LNK	N405525.60	W0964431.23	N4055.427	W09644.521
	AJADI	N404059.43	W0970508.88	N4040.991	W09705.148
	APIKY	N410203.93	W0970750.71	N4102.066	W09707.845
	AYEGI	N404128.17	W0965836.33	N4041.470	W09658.606
	COKET	N404603.95	W0970547.69	N4046.066	W09705.795
	ECEYO	N404030.32	W0971141.33	N4040.505	W09711.689
	IXISE	N404946.49	W0970616.12	N4049.775	W09706.269
	TEVUW	N404004.83	W0972645.11	N4040.081	W09726.752
	RW34	N405128.08	W0970629.12	N4051.468	W09706.485

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	01505	41

CITY AND STATE
SEWARD, NE

ELEVATION: 1506 TDZE: 1506
 AIRPORT NAME:
SEWARD MUNICIPAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

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PAGE 1 OF 1 PAGES

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30610; Amdt. No 3271]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

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

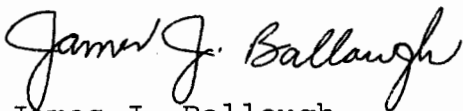
CONCLUSION

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 May 16, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

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
04/09/08	WI	ASHLAND	JOHN F. KENNEDY MEMORIAL	8/2073	VOR OR GPS RWY 2, AMDT 5. THIS NOTAM PUBLISHED IN TL 08-11 IS HEREBY RESCINDED IN ITS ENTIRETY.
04/09/08	WI	ASHLAND	JOHN F. KENNEDY MEMORIAL	8/2074	VOR OR GPS RWY 31, AMDT 6. THIS NOTAM PUBLISHED IN TL 08-11 IS HEREBY RESCINDED IN ITS ENTIRETY.
05/01/08	IN	BRAZIL	BRAZIL CLAY COUNTY	8/5740	VOR OR GPS RWY 9, AMDT 7
05/01/08	OH	WEST UNION	ALEXANDER SALAMON	8/5742	RNAV (GPS) RWY 23, ORIG
05/01/08	OH	WEST UNION	ALEXANDER SALAMON	8/5744	NDB RWY 23, AMDT 4
05/01/08	OK	OKLAHOMA CITY	SUNDANCE AIRPARK	8/5750	VOR RWY 17, AMDT 1A
05/01/08	OK	MC ALESTER	MC ALESTER REGIONAL	8/5751	VOR/DME RWY 19, AMDT 2A
05/01/08	IA	ATLANTIC	ATLANTIC MUNI	8/5763	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5
05/01/08	IA	BLOOMFIELD	BLOOMFIELD MUNI	8/5765	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG
05/01/08	OK	OKLAHOMA CITY	SUNDANCE AIRPARK	8/5783	LOC RWY 17, ORIG-B
05/01/08	IA	IOWA CITY	IOWA CITY MUNI	8/5784	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3
05/01/08	OK	PAULS VALLEY	PAULS VALLEY MUNI	8/5785	RNAV (GPS) RWY 35, ORIG
05/01/08	OK	OKLAHOMA CITY	WILEY POST	8/5790	VOR RWY 35R, AMDT 3B
05/01/08	OK	BUFFALO	BUFFALO MUNI	8/5791	NDB A, AMDT 2
05/05/08	FL	MARCO ISLAND	MARCO ISLAND	8/6005	GPS RWY 35, ORIG
05/05/08	FL	MARCO ISLAND	MARCO ISLAND	8/6006	VOR/DME RWY 17, AMDT 6A
05/06/08	AK	SAND POINT	SAND POINT	8/6322	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURES, AMDT 2

05/06/08	AK	COLD BAY	COLD BAY	8/6326	ILS OR LOC/DME RWY 14, AMDT 17A
05/06/08	CA	FULLERTON	FULLERTON MUNI	8/6328	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURES, AMDT 4
05/07/08	AK	KENAI	KENAI MUNI	8/6565	ILS OR LOC RWY 19R, AMDT 3
05/07/08	AK	KENAI	KENAI MUNI	8/6566	RNAV (GPS) RWY 1L, AMDT 1
05/07/08	AK	KENAI	KENAI MUNI	8/6567	VOR RWY 19R, AMDT 18
05/07/08	AK	KENAI	KENAI MUNI	8/6568	VOR/DME RWY 1L, AMDT 7
05/07/08	AK	KENAI	KENAI MUNI	8/6569	RNAV (GPS) RWY 19R, AMDT 1
05/08/08	CA	SACRAMENTO	SACRAMENTO EXECUTIVE	8/6696	ILS OR LOC RWY 2, AMDT 22C
05/08/08	KY	LEXINGTON	BLUE GRASS	8/6744	ILS OR LOC RWY 4, AMDT 17
05/08/08	ME	BIDDEFORD	BIDDEFORD MUNI	8/6750	GPS RWY 6, ORIG
05/08/08	ME	BIDDEFORD	BIDDEFORD MUNI	8/6751	VOR RWY 6, ORIG
05/08/08	CT	WINDSOR LOCKS	BRADLEY INTL	8/6787	ILS OR LOC RWY 33, AMDT 9
05/08/08	HI	LANAI CITY	LANAI	8/6878	VOR OR TACAN OR GPS RWY 3, AMDT 6A
02/28/08	MT	BILLINGS	BILLINGS LOGAN INTL	8/6884	ILS OR LOC RWY 10L, AMDT 24B
05/09/08	SD	PIERRE	PIERRE REGIONAL	8/7011	RNAV (GPS) RWY 31, ORIG
05/09/08	SD	PIERRE	PIERRE REGIONAL	8/7012	VOR/DME OR TACAN RWY 7, AMDT 5
05/09/08	SD	PIERRE	PIERRE REGIONAL	8/7013	VOR OR TACAN RWY 25, ORIG-A
05/09/08	SD	PIERRE	PIERRE REGIONAL	8/7014	ILS OR LOC RWY 31, AMDT 12
05/12/08	KY	LOUISVILLE	LOUISVILLE INTL-STANDIFORD FIELD	8/7111	ILS OR LOC RWY 17R, ORIG-B
05/12/08	AZ	TUCSON	TUCSON INTL	8/7141	RNAV (GPS) RWY 21, ORIG
05/12/08	AZ	TUCSON	TUCSON INTL	8/7142	VOR/DME OR TACAN RWY 29R, AMDT 2B
05/12/08	AZ	TUCSON	TUCSON INTL	8/7143	RNAV (GPS) RWY 11R, ORIG-A
05/12/08	AZ	TUCSON	TUCSON INTL	8/7145	RNAV (GPS) Z RWY 29R, AMDT 2
05/12/08	AZ	TUCSON	TUCSON INTL	8/7146	RNAV (GPS) Z RWY 11L, AMDT 1
05/12/08	AZ	TUCSON	TUCSON INTL	8/7147	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4

05/12/08	AZ	TUCSON	TUCSON INTL	8/7150	RNAV (GPS) RWY 3, ORIG-A
05/12/08	AZ	TUCSON	TUCSON INTL	8/7151	RNAV (GPS) RWY 29L, ORIG-A
05/13/08	OR	PORTLAND	PORTLAND INTL	8/7235	RNAV (GPS) RWY 28L, ORIG
05/13/08	WA	SEATTLE	SEATTLE-TACOMA INTL	8/7236	RNAV (GPS) RWY 16L, AMDT 1
05/13/08	CA	MODESTO	MODESTO CITY-CO- HARRY SHAM FLD	8/7237	VOR/DME RWY 28R, ORIG
05/13/08	CA	CHINO	CHINO	8/7238	RNAV (GPS) RWY 26R, ORIG-A
05/13/08	TX	ALICE	ALICE INTERNATIONAL	8/7298	RNAV (GPS) RWY 13, ORIG-A
05/13/08	TX	ALICE	ALICE INTERNATIONAL	8/7299	VOR RWY 31, AMDT 13
05/13/08	TX	ALICE	ALICE INTERNATIONAL	8/7300	RNAV (GPS) RWY 31, AMDT 1A
05/13/08	TX	ALICE	ALICE INTERNATIONAL	8/7301	VOR A, AMDT 15
05/13/08	AZ	TUCSON	TUCSON INTL	8/7338	VOR OR TACAN RWY 11L, AMDT 1
05/13/08	MN	CLOQUET	CLOQUET CARLTON COUNTY	8/7372	NDB OR GPS RWY 17, AMDT 3B
05/13/08	NM	ANGEL FIRE	ANGEL FIRE	8/7385	RNAV (GPS) RWY 17, AMDT 1A
05/13/08	VA	FREDERICKSBURG	SHANNON	8/7391	NDB RWY 24, AMDT 2A
05/13/08	VA	FREDERICKSBURG	SHANNON	8/7393	GPS RWY 24, ORIG
05/13/08	MO	ST LOUIS	SPIRIT OF ST LOUIS	8/7395	TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG
05/13/08	SD	WATERTOWN	WATERTOWN REGIONAL	8/7398	LOC/DME BC RWY 17, AMDT 9A
05/13/08	SD	WATERTOWN	WATERTOWN REGIONAL	8/7399	ILS RWY 35, AMDT 10A
05/13/08	SD	WATERTOWN	WATERTOWN REGIONAL	8/7400	VOR/DME OR TACAN RWY 35, AMDT 11A
05/13/08	SD	WATERTOWN	WATERTOWN REGIONAL	8/7401	NDB OR GPS RWY 35, AMDT 8A
05/14/08	IN	INDIANAPOLIS	GREENWOOD MUNI	8/7449	RNAV (GPS) RWY 19, AMDT 1
05/14/08	FL	MARCO ISLAND	MARCO ISLAND	8/7461	GPS RWY 17, ORIG-A
05/14/08	AK	BARROW	WILEY POST-WILL ROGERS MEM	8/7465	LOC/DME BC RWY 24, AMDT 3B
05/14/08	AK	BARROW	WILEY POST-WILL ROGERS MEM	8/7467	RNAV (GPS) RWY 6, ORIG-A
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7521	ILS OR LOC RWY 36, AMDT 6B
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7522	VOR/DME RWY 18, AMDT 4A

05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7523	LOC BC RWY 18, AMDT 6A
05/14/08	MN	MINNEAPOLIS	MINNEAPOLIS-ST PAUL INTL-WOLD-CHAMBERLAIN	8/7524	RNAV (GPS) RWY 4, AMDT 1
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7525	RNAV (GPS) RWY 18, AMDT 1
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7526	VOR RWY 36, AMDT 6A
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7527	RNAV (GPS) RWY 30, ORIG
05/15/08	IA	MASON CITY	MASON CITY MUNI	8/7528	RNAV (GPS) RWY 36, ORIG-A
05/15/08	NM	ALBUQUERQUE	ALBUQUERQUE INTL SUNPORT	8/7569	ILS RWY 8, AMDT 5D
05/15/08	TX	AMARILLO	TRADEWIND	8/7575	TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE AMDT 2
05/15/08	TX	ANDREWS	ANDREWS COUNTY	8/7576	TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG
05/15/08	WI	PHILLIPS	PRICE COUNTY	8/7577	NDB OR GPS RWY 6, AMDT 1
05/15/08	WI	PHILLIPS	PRICE COUNTY	8/7578	NDB OR GPS RWY 24, AMDT 3

FDC 8/5740 0I2 FI/P BRAZIL CLAY COUNTY, BRAZIL, IN. VOR OR GPS RWY 9, AMDT 7...CHART NOTE: DME REQUIRED REMOVE ALL REFERENCE TO OOM R-332. MISSED APPROACH: CLIMB TO 2000, THEN CLIMBING LEFT TURN TO 2700 VIA TTH R-062 TO MATAN/15.24 DME AND HOLD. THIS IS VOR OR GPS RWY 9, AMDT 7A.

FDC 8/5742 AMT FI/P ALEXANDER SALAMON, WEST UNION, OH. RNAV (GPS) RWY 23, ORIG...MSA FROM RW23 3300. TERMINAL ROUTE YORK (YRK) VORTAC TO DETKE MINIMUM ALTITUDE 3300. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 8/5744 AMT FI/P ALEXANDER SALAMON, WEST UNION, OH. NDB RWY 23, AMDT 4...TERMINAL ROUTE YORK (YRK) VORTAC TO WEST UNION (AMT) NDB MINIMUM ALTITUDE 3300. MSA FROM AMT NDB 090-180 3300, 180-090 2700. THIS IS NDB RWY 23, AMDT 4A.

FDC 8/5750 HSD FI/P SUNDANCE AIRPARK, OKLAHOMA CITY, OK. VOR RWY 17, AMDT 1A...S-17 MDA 1700/HAT 522 CAT A/B/C. VIS CAT C 1 1/2. THIS IS VOR RWY 17, AMDT 1B.

FDC 8/5751 MLC FI/P MC ALESTER REGIONAL, MC ALESTER, OK. VOR/DME RWY 19, AMDT 2A...MISSED APPROACH: CLIMB TO 2700 DIRECT MLC VORTAC AND HOLD, CONTINUE-CLIMB-IN-HOLD TO 2700. THIS IS VOR/DME RWY 19, AMDT 2B.

FDC 8/5763 AIO FI/P ATLANTIC MUNI, ATLANTIC, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5. DELETE ALL REFERENCE TO RUNWAYS 17 AND 35. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 5A.

FDC 8/5765 4K6 FI/P BLOOMFIELD MUNI, BLOOMFIELD, IA TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG. NOTE: RWY 18, BUILDING 353 FEET FROM DER, 306 FEET LEFT OF CENTERLINE, 30 FEET AGL/915 FEET MSL. REST OF PROCEDURE REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A.

FDC 8/5783 HSD FI/P SUNDANCE AIRPARK, OKLAHOMA CITY, OK. LOC RWY 17, ORIG-B...CIRCLING CAT A MDA 1740/HAA 547, CAT B/C MDA 1780/HAA 587. THIS IS LOC RWY 17, ORIG-C.

FDC 8/5784 IOW FI/P IOWA CITY MUNI, IOWA CITY, IA TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3. NOTE: RWY 25, POWER POLE 2464 FEET FROM DEPARTURE END OF RWY, 248 FEET RIGHT OF CENTERLINE, 39 AGL/780 MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A.

FDC 8/5785 PVJ FI/P PAULS VALLEY MUNI, PAULS VALLEY, OK. RNAV (GPS) RWY 35, ORIG...LNAV/VNAV DA 1422/HAT 469 ALL CATS, VISIBILITY ALL CATS 1 3/4 CIRCLING VISIBILITY CAT A/B 1. DELETE NOTE: GPS OR RNP -0.3 REQUIRED. MISSED APPROACH: CLIMB TO 3000 DIRECT MELIE AND HOLD. THIS IS RNAV (GPS) RWY 35, ORIG-A.

FDC 8/5790 PWA FI/P WILEY POST, OKLAHOMA CITY, OK. VOR RWY 35R, AMDT 3B...TERMINAL ROUTE: KINGFISHER (IFI) VORTAC TO DICKH/PWA 5.00 DME/RADAR MINIMUM ALTITUDE 3300 MISSED APPROACH: CLIMBING LEFT TURN TO 3300 DIRECT IFI VORTAC. THIS IS VOR RWY 35R, AMDT 3C.

FDC 8/5791 BFK FI/P BUFFALO MUNI, BUFFALO, OK. NDB A, AMDT 2...CIRCLING: MDA 2460/HAA 638 CAT A/B. THIS IS NDB A, AMDT 2A.

FDC 8/6005 MKY FI/P MARCO ISLAND, MARCO ISLAND, FL. GPS RWY 35, ORIG...S-35 MDA 640/HAT 635 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 700/HAA 695 ALL CATS. VIS CAT C 2, CAT D 2 1/4. PARYE TO RW35: 3.00/32 CHART TDZE: 5 CHART VDP AT 1.90 NM TO RW35. THIS IS GPS RWY 35, ORIG-A.

FDC 8/6006 MKY FI/P MARCO ISLAND, MARCO ISLAND, FL. VOR/DME RWY 17, AMDT 6A...S-17 MDA 640/HAT 636 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 700/HAA 695 ALL CATS. VIS CAT C 2, CAT D 2 1/4. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT D 800-2 1/4. CHART AIRPORT ELEV: 5 CHART TDZE: 4 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HICUP VIA V225 NORTHBOUND. THIS IS VOR/DME RWY 17, AMDT 6B.

FDC 8/6322 SDP FI/P SAND POINT, SAND POINT, AK TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2. TAKE-OFF MINIMUMS: RWY 31 600-3 OR STANDARD WITH MINIMUM CLIMB OF 375 FT PER NM TO 1000 FT. ALL OTHER DATA REMAINS THE SAME. THIS IS TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE AMDT 2A.

FDC 8/6326 CDB FI/P COLD BAY, COLD BAY, AK. ILS OR LOC/DME RWY 14, AMDT 17A...CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 14 LINE OF MINIMUMS. DELETE SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 14 LINE OF MINIMUM. DELETE NOTE: (ASTERISK) USE OF FLIGHT DIRECTOR AND AUTOPILOT OR HGS REQUIRED. THIS IS ILS OR LOC/DME RWY 14, AMDT 17B.

FDC 8/6328 FUL FI/P FULLERTON MUNI, FULLERTON, CA TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4 DELETE NOTE: RWY 24, TOWER 1.3 NM FROM DEPARTURE END OF RWY, 485 FT RIGHT OF CENTERLINE 759 FT AGL/820 FT MSL. CHART NOTE: RWY 24, TOWER 1.3 NM FROM DEPARTURE END OF RWY, 5034 FT RIGHT OF CENTERLINE 684 FT AGL/750 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE-OFF AND (OBSTACLE) DEPARTURE, AMDT 4A.

FDC 8/6565 ENA FI/P KENAI MUNI, KENAI, AK. ILS OR LOC RWY 19R, AMDT 3...CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 19R LINE OF MINIMUMS. DELETE SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 19R LINE OF MINIMUM. DELETE NOTE: (ASTERISK ASTERISK) USE OF FLIGHT DIRECTOR AND AUTOPILOT OR HGS REQUIRED. CIRCLING CATS B/C MDA 580/HAA 481 THIS IS ILS OR LOC RWY 19R, AMDT 3A.

FDC 8/6566 ENA FI/P KENAI MUNI, KENAI, AK. RNAV (GPS) RWY 1L, AMDT 1...CIRCLING CATS B/C MDA 580/HAA 481. THIS IS RNAV (GPS) RWY 1L, AMDT 1A.

FDC 8/6567 ENA FI/P KENAI MUNI, KENAI, AK. VOR RWY 19R, AMDT 18...CIRCLING CATS B/C MDA 580/HAA 481. THIS IS VOR RWY 19R, AMDT 18A.

FDC 8/6568 ENA FI/P KENAI MUNI, KENAI, AK. VOR/DME RWY 1L, AMDT 7...CIRCLING CATS B/C MDA 580/HAA 481. THIS IS VOR/DME RWY 1L, AMDT 7A.

FDC 8/6569 ENA FI/P KENAI MUNI, KENAI, AK. RNAV (GPS) RWY 19R, AMDT 1...CIRCLING CATS B/C MDA 580/HAA 481. THIS IS RNAV (GPS) RWY 19R, AMDT 1A.

FDC 8/6696 SAC FI/P SACRAMENTO EXECUTIVE, SACRAMENTO, CA. ILS OR LOC RWY 2, AMDT 22C...CHART: S-LOC 2 MDA 360/HAT 339 ALL CATS. VISIBILITY 3/4 MILE ALL CATS. CHART: S-ILS 2 VISIBILITY 3/4 MILE ALL CATS. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 2. FOR INOPERATIVE MALSR INCREASE ALL S-LOC 2 VISIBILITIES TO 1 MILE. MISSED APPROACH: CLIMB TO 500, THEN CLIMBING LEFT TURN TO 1600 ON HEADING 240, THEN DIRECT TO SAC VORTAC OR EXECC (SA) LOM AND HOLD. THIS IS ILS OR LOC RWY 2, AMDT 22D.

FDC 8/6744 LEX FI/P BLUE GRASS, LEXINGTON, KY. ILS OR LOC RWY 4, AMDT 17...CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 4, AMDT 17A.

FDC 8/6750 B19 FI/P BIDDEFORD MUNI, BIDDEFORD, ME. GPS RWY 6, ORIG...S-6 HAT 423 ALL CATS. CIRCLING MDA 700/HAA 543 ALL CATS. SANFORD ALTIMETER SETTING MINIMUMS S-6 HAT 463 ALL CATS CIRCLING MDA 740/ HAA 583 ALL CATS. DELETE PROFILE NOTE: VDP AND DESCENT ANGLE/GRADIENT NA WITH SANFORD ALTIMETER SETTING. CHART NOTE: VDP NA WHEN USING SANFORD ALTIMETER SETTING. CHANGE (FAF) JALBO TO (FAF) SWLCH. CHART AIRPORT ELEVATION: 157 CHART TDZE: 157. THIS IS GPS RWY 6, ORIG-A.

FDC 8/6751 B19 FI/P BIDDEFORD MUNI, BIDDEFORD, ME. VOR RWY 6, ORIG...S-6 HAT 523 ALL CATS CIRCLING MDA 700/HAA 543 ALL CATS. SANFORD ALTIMETER SETTING MINIMUMS S-6 HAT 563 ALL CATS CIRCLING MDA 740/HAA 583 ALL CATS. DELETE PROFILE NOTE: VDP AND DESCENT ANGLE/GRADIENT NA WITH SANFORD ALTIMETER SETTING. CHART NOTE: VDP NA WHEN USING SANFORD ALTIMETER SETTING. CHART AIRPORT ELEVATION: 157 CHART TDZE: 157. THIS IS VOR RWY 6, ORIG-A.

FDC 8/6787 BDL FI/P BRADLEY INTL, WINDSOR LOCKS, CT. ILS OR LOC RWY 33, AMDT 9...S-LOC 33 MDA 600/HAT 429 ALL CATS. VIS CAT C RVR 6000, CAT D 1 1/2. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 33 CAT C. CHART VDP AT 2.45 DME; DISTANCE VDP TO THLD 1.16 MILES. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 33, AMDT 9A.

FDC 8/6878 LNY FI/P LANAI, LANAI CITY, HI. VOR OR TACAN OR GPS RWY 3, AMDT 6A...MISSED APPROACH: CLIMBING LEFT TURN TO 2600 VIA LNY R-278 TO GRAMY INT/LNY 10 DME AND HOLD. THIS IS VOR OR TACAN OR GPS RWY 3, AMDT 6B.

FDC 8/6884 BIL FI/P BILLINGS LOGAN INTL, BILLINGS, MT. ILS OR LOC RWY 10L, AMDT 24B...CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 10L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 10L, AMDT 24C.

FDC 8/7011 PIR FI/P PIERRE REGIONAL, PIERRE, SD. RNAV (GPS) RWY 31, ORIG...AIRPORT ELEVATION 1744, TDZE 1720. LPV DA 1970 ALL CATS. LNAV/VNAV DA 2115 ALL CATS. LNAV HAT 360 ALL CATS. CIRCLING HAA 496 CATS A/B, HAA 516 CAT C, HAA 556 CAT D. THIS IS RNAV (GPS) RWY 31, ORIG-A.

FDC 8/7012 PIR FI/P PIERRE REGIONAL, PIERRE, SD. VOR/DME OR TACAN RWY 7, AMDT 5...AIRPORT ELEVATION 1744. TDZE 1744. S-7 HAT 436 ALL CATS. CIRCLING HAA 496 CATS A/B, HAA 516 CAT C, HAA 556 CAT D. THIS IS VOR/DME OR TACAN RWY 7, AMDT 5A.

FDC 8/7013 PIR FI/P PIERRE REGIONAL, PIERRE, SD. VOR OR TACAN RWY 25, ORIG-A...AIRPORT ELEVATION 1744, TDZE 1725. S-25 HAT 395 ALL CATS. CIRCLING HAA 496 CATS A/B, HAA 516 CAT C, HAA 556 CAT D. THIS IS VOR OR TACAN RWY 25, ORIG-B.

FDC 8/7014 PIR FI/P PIERRE REGIONAL, PIERRE, SD. ILS OR LOC RWY 31, AMDT 12...AIRPORT ELEVATION 1744, TDZE 1720. S-ILS 31 DA 1920 ALL CATS. S-LOC 31 HAT 420 ALL CATS. CIRCLING HAA 496 CATS A/B, HAA 516 CAT C, HAA 556 CAT D. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2170. THIS IS ILS OR LOC RWY 31, AMDT 12A.

FDC 8/7111 SDF FI/P LOUISVILLE INTL-STANDIFORD FIELD, LOUISVILLE, KY. ILS OR LOC RWY 17R, ORIG-B...ILS RWY 17L, AMDT 2...ILS RWY 35L (CATS I, II & III), AMDT 1B...ILS RWY 35R (CATS I, II & III), AMDT 2A...RNAV (GPS) RWY 29, ORIG...GPS RWY 17L, ORIG...GPS RWY 17R, ORIG-A...GPS RWY 35L, ORIG-A...GPS RWY 35R, ORIG-A...LOC RWY 29, ORIG...AIRPORT DIAGRAM: CORRECT AIRPORT SKETCH/DIAGRAM BY ADDING DSPL THLD SYMBOL 450 FT FROM RWY END 35R.

FDC 8/7141 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) RWY 21, ORIG...LNAV/VNAV DECISION ALTITUDE 3141/HAT 568 ALL CATS. VISIBILITY 2 ALL CATS. CIRCLING CAT B MDA 3220/HAA 577 CIRCLING VISIBILITY CATS A/B 1 MILE, CAT C 1 1/2 MILES. DELETE NOTE: BARO-VNAV NA BELOW -20C (-4F) CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 21, ORIG-A.

FDC 8/7142 TUS FI/P TUCSON INTL, TUCSON, AZ. VOR/DME OR TACAN RWY 29R, AMDT 2B...CIRCLING CATS B/C/D MDA 3220/HAA 577, CAT E MDA 3740/HAA 1097 CHART: APT ELEV 2643 THIS IS VOR/DME OR TACAN RWY 29R, AMDT 2C.

FDC 8/7143 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) RWY 11R, ORIG-A...CIRCLING CAT B MDA 3220/HAA 577 DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: BARO-VNAV, NA BELOW -20C (-4F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). THIS IS RNAV (GPS) RWY 11R, ORIG-B.

FDC 8/7145 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) Z RWY 29R, AMDT 2...MISSED APPROACH: CLIMB TO 6800 DIRECT WEDGI AND 309.12 TRACK TO PIMMA AND HOLD. CIRCLING VISIBILITY CATS A/B 1 MILE. DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (23F) OR ABOVE 43C (111F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). THIS IS RNAV (GPS) Z RWY 29R, AMDT 2A.

FDC 8/7146 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) Z RWY 11L, AMDT 1...CIRCLING VISIBILITY CATS A/B 1 MILE, CAT C 1 1/2 MILE DELETE NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 5C (23F) OR ABOVE 43C (111F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). THIS IS RNAV (GPS) Z RWY 11L, AMDT 1A.

FDC 8/7147 TUS FI/P TUCSON INTL, TUCSON, AZ. TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4 TAKE-OFF MINIMUMS: RWY 3, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 228 FEET PER NM TO 3000. NOTE: RWY 3, TOWER 9215 FEET FROM DEPARTURE END OF RWY, 1689 FEET LEFT OF CENTERLINE, 246 FEET AGL/2831 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 4A.

FDC 8/7150 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) RWY 3, ORIG-A...CIRCLING CAT B MDA 3220/HAA 577, CIRCLING VISIBILITY CATS A/B 1 MILE, CAT C 1 1/2 MILES. DELETE NOTE: BARO-VNAV NA BELOW -20C (-4F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). THIS IS RNAV (GPS) RWY 3, ORIG-B.

FDC 8/7151 TUS FI/P TUCSON INTL, TUCSON, AZ. RNAV (GPS) RWY 29L, ORIG-A...CIRCLING VISIBILITY CATS A/B 1 MILE. DELETE NOTE: BARO-VNAV NA BELOW -20C (-4F) CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (111F). THIS IS RNAV (GPS) RWY 29L, ORIG-B.

FDC 8/7235 PDX FI/P PORTLAND INTL, PORTLAND, OR. RNAV (GPS) RWY 28L
ORIG...DELETE LNAV/VNAV LINE OF MINIMUMS. DELETE NOTE: BARO-
VNAV NA BELOW -16C (4F). THIS IS RNAV (GPS) RWY 28L, ORIG-A.

FDC 8/7236 SEA FI/P SEATTLE-TACOMA INTL, SEATTLE, WA. RNAV (GPS)
RWY 16L, AMDT 1...MISSED APPROACH: CLIMB DIRECT TO CROSS CAVOB
AT OR BELOW 2000, THEN CLIMB TO 5000 VIA 161 DEGREE TRACK TO MILLT
AND HOLD, CONTINUE CLIMB IN HOLD TO 5000. THIS IS RNAV (GPS) RWY
16L, AMDT 1A.

FDC 8/7237 MOD FI/P MODESTO CITY-CO-HARRY SHAM FLD, MODESTO, CA.
VOR/DME RWY 28R, ORIG...CIRCLING: CAT A 540/HAA 443. THIS IS VOR/DME
RWY 28R, ORIG-A.

FDC 8/7238 CNO FI/P CHINO, CHINO, CA. RNAV (GPS) RWY 26R, ORIG-
A...DELETE PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PDZ
VORTAC VIA V442 SOUTHWESTBOUND, V8-21 383-587 SOUTHWESTBOUND,
VIA V388 WESTBOUND AND VIA V16-370 WESTBOUND. CHART PLANVIEW
NOTE: PROCEDURE NA FOR ARRIVALS AT PDZ VORTAC VIA V442
SOUTHWESTBOUND, V8-21 SOUTHWESTBOUND, V388 WESTBOUND, AND
V16-370 WESTBOUND. THIS IS RNAV (GPS) RWY 26R, ORIG-B.

FDC 8/7298 ALI FI/P ALICE INTERNATIONAL, ALICE, TX. RNAV (GPS) RWY 13,
ORIG-A...CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE
NUECES COUNTY ALTIMETER SETTING AND INCREASE ALL DA AND MDA
20 FT. DELETE WAAS SYMBOL. DELETE NOTE: GPS OR RNP-0.3 REQUIRED.
CHANGE ALTERNATE MINIMUMS TO STANDARD, EXCEPT NA WHEN LOCAL
WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 13, ORIG-B.

FDC 8/7299 ALI FI/P ALICE INTERNATIONAL, ALICE, TX. VOR RWY 31, AMDT
13...MSA FROM ALI VOR 2200. CHART NOTE: IF LOCAL ALTIMETER SETTING
NOT RECEIVED, USE NUECES COUNTY ALTIMETER SETTING AND
INCREASE ALL MDA 20 FT. THIS IS VOR RWY 31, AMDT 13A.

FDC 8/7300 ALI FI/P ALICE INTERNATIONAL, ALICE, TX. RNAV (GPS) RWY 31,
AMDT 1A...MSA FROM ALI VOR 2200. CHART NOTE: IF LOCAL ALTIMETER
SETTING NOT RECEIVED, USE NUECES COUNTY ALTIMETER SETTING AND
INCREASE ALL DA AND MDA 20 FT. DELETE WAAS SYMBOL. CHANGE
ALTERNATE MINIMUMS TO STANDARD, EXCEPT NA WHEN LOCAL
WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 31, AMDT 1B.

FDC 8/7301 ALI FI/P ALICE INTERNATIONAL, ALICE, TX. VOR A, AMDT
15...MSA FROM ALI VOR 2200. CHART NOTE: IF LOCAL ALTIMETER SETTING
NOT RECEIVED, USE NUECES COUNTY ALTIMETER SETTING AND
INCREASE ALL MDA 20 FT. THIS IS VOR A, AMDT 15A.

FDC 8/7338 TUS FI/P TUCSON INTL, TUCSON, AZ. VOR OR TACAN RWY 11L, AMDT 1...CIRCLING CAT B MDA 3220/HAA 577. THIS IS VOR OR TACAN RWY 11L, AMDT 1A.

FDC 8/7372 COQ FI/T CLOQUET CARLTON COUNTY, CLOQUET, MN. NDB OR GPS RWY 17, AMDT 3B...NDB PORTION NA.

FDC 8/7385 AXX FI/P ANGEL FIRE, ANGEL FIRE, NM. RNAV (GPS) RWY 17, AMDT 1A...CHANGE NOTE TO READ: IF LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. THIS IS RNAV (GPS) RWY 17, AMDT 1B.

FDC 8/7391 EZF FI/P SHANNON, FREDERICKSBURG, VA. NDB RWY 24, AMDT 2A...TERMINAL ROUTE: BROOKE (BRV) VORTAC TO SHANNON (EZF) NDB (IAF) MINIMUM ALTITUDE 1900. PROCEDURE TURN MINIMUM ALTITUDE 1900. MISSED APPROACH: CLIMBING LEFT TURN TO 1900 IN EZF NDB HOLDING PATTERN. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART: WASHINGTON DC METROPOLITAN ADIZ. THIS IS NDB RWY 24, AMDT 2B.

FDC 8/7393 EZF FI/P SHANNON, FREDERICKSBURG, VA. GPS RWY 24, ORIG...S-24: MDA 600/HAT 515 ALL CATS. VISIBILITY CAT C 1 1/2. CIRCLING: CAT A MDA 640/HAA 555, CAT B MDA 660/HAA 575. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART: KUTPY TO RW24: 2.96/40. CHART: WASHINGTON DC METROPOLITAN ADIZ. THIS IS GPS RWY 24, ORIG-A.

FDC 8/7395 SUS FI/P SPIRIT OF ST LOUIS, ST LOUIS, MO. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...RWY 8R, 700-1 OR STANDARD WITH MINIMUM CLIMB OF 364 FEET PER NM TO 800. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A.

FDC 8/7398 ATY FI/P WATERTOWN REGIONAL, WATERTOWN, SD. LOC/DME BC RWY 17, AMDT 9A...S-17 HAT 380 ALL CATS. CIRCLING CAT A/B/C HAA 511, CAT D MDA 2340/HAA 591. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. AIRPORT ELEVATION 1749. TDZE 1740. THIS IS LOC/DME BC RWY 17, AMDT 9B.

FDC 8/7399 ATY FI/P WATERTOWN REGIONAL, WATERTOWN, SD. ILS RWY 35, AMDT 10A...S-ILS DA 1945 ALL CATS. S-LOC HAT 495 ALL CATS. CIRCLING CAT A/B/C HAA 511, CAT D MDA 2340/HAA 591. DME MINIMUMS S-LOC HAT 335 ALL CATS. DME MINIMUMS CIRCLING CAT A/B/C HAA 511, CAT D MDA 2340/HAA 591. AIRPORT ELEVATION 1749. TDZE 1745. THIS IS ILS OR LOC RWY 35, AMDT 10B.

FDC 8/7400 ATY FI/P WATERTOWN REGIONAL, WATERTOWN, SD. VOR/DME OR TACAN RWY 35, AMDT 11A...S-35 HAT 495 ALL CATS. CIRCLING CAT A/B/C HAA 511, CAT D MDA 2340/HAA 591. AIRPORT ELEVATION 1749. TDZE 1745. THIS IS VOR/DME OR TACAN RWY 35, AMDT 11B.

FDC 8/7401 ATY FI/P WATERTOWN REGIONAL, WATERTOWN, SD. NDB OR GPS RWY 35, AMDT 8A...S-35 HAT 555 ALL CATS. CIRCLING CAT A/B/C HAA 551, CAT D MDA 2340/HAA 591. AIRPORT ELEVATION 1749. TDZE 1745. THIS IS NDB OR GPS RWY 35, AMDT 8B.

FDC 8/7449 HFY FI/P GREENWOOD MUNI, INDIANAPOLIS, IN. RNAV (GPS) RWY 19, AMDT 1...LNAV/VNAV DA 1299/HAT 477 CATS A/B/C. VIS CATS A/B/C 1 3/4. THIS IS RNAV (GPS) RWY 19, AMDT 1A.

FDC 8/7461 MKY FI/P MARCO ISLAND, MARCO ISLAND, FL. GPS RWY 17, ORIG-A...S-17: MDA 660/HAT 656 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING: MDA 700/HAA 695 ALL CATS, VIS CAT C 2, CAT D 2 1/4. 3 NM TO RWY 17: 2.96/32. CHART AIRPORT ELEV: 5. DELETE NOTE: IAF ARM APPROACH MODE PRIOR TO IAF AND ICON. CHART TDZE: 4. THIS IS GPS RWY 17, ORIG-B.

FDC 8/7465 BRW FI/P WILEY POST-WILL ROGERS MEM, BARROW, AK. LOC/DME BC RWY 24, AMDT 3B...ADD PROFILE NOTE: LOC BACK COURSE UNUSABLE WITHIN 1.0 DME. THIS IS LOC/DME BC RWY 24, AMDT 3C.

FDC 8/7467 BRW FI/P WILEY POST-WILL ROGERS MEM, BARROW, AK. RNAV (GPS) RWY 6, ORIG-A...LNAV MDA 380 / HAT 336 ALL CATS. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 6, ORIG-B.

FDC 8/7521 MCW FI/P MASON CITY MUNI, MASON CITY, IA. ILS OR LOC RWY 36, AMDT 6B...CIRCLING MDA CAT D 1840/HAA 627. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET. THIS IS ILS OR LOC RWY 36, AMDT 6C.

FDC 8/7522 MCW FI/P MASON CITY MUNI, MASON CITY, IA. VOR/DME RWY 18, AMDT 4A...CIRCLING MDA CAT D 1840/HAA 627. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. THIS IS VOR/DME RWY 18, AMDT 4B.

FDC 8/7523 MCW FI/P MASON CITY MUNI, MASON CITY, IA. LOC BC RWY 18, AMDT 6A...CIRCLING MDA CAT D 1840/HAA 627. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. THIS IS LOC BC RWY 18, AMDT 6B.

FDC 8/7524 MSP FI/P MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN, MINNEAPOLIS, MN. RNAV (GPS) RWY 4, AMDT 1...LNAV/VNAV: DA 1296/HAT 464 ALL CATS. LNAV: MDA 1300/HAT 468 ALL CATS, VIS CAT E RVR 6000. CIRCLING: CAT A/B VIS 1. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV AND LNAV CAT E VISIBILITY TO 1 3/4. CHANGE BARO-VNAV NA NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). DELETE NOTE: GPS OR RNP 0.3 REQUIRED. DELETE VDP AND ASTERISK, LNAV ONLY. CHANGE DISTANCE IGEPY (FAF) TO RW04 (MAP) TO 4.3 NM. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT E 900-3. THIS IS RNAV (GPS) RWY 4, AMDT 1A.

FDC 8/7525 MCW FI/P MASON CITY MUNI, MASON CITY, IA. RNAV (GPS) RWY 18, AMDT 1...DELETE LPV LINE OF MINIMUMS. CHANGE INOPERATIVE TABLE NOTE TO READ: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV. THIS IS RNAV (GPS) RWY 18, AMDT 1A.

FDC 8/7526 MCW FI/P MASON CITY MUNI, MASON CITY, IA. VOR RWY 36, AMDT 6A...CIRCLING MDA CAT D 1840/HAA 627. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. THIS IS VOR RWY 36, AMDT 6B.

FDC 8/7527 MCW FI/P MASON CITY MUNI, MASON CITY, IA. RNAV (GPS) RWY 30, ORIG...CIRCLING MDA CAT D 1840/HAA 627. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. THIS IS RNAV (GPS) RWY 30, ORIG-A.

FDC 8/7528 MCW FI/P MASON CITY MUNI, MASON CITY, IA. RNAV (GPS) RWY 36, ORIG-A...CIRCLING: MDA CAT D 1840/HAA 627. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLES CITY ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. STRAIGHT-IN MINIMUMS NA WHEN USING CHARLES CITY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 36, ORIG-B.

FDC 8/7569 ABQ FI/P ALBUQUERQUE INTL SUNPORT, ALBUQUERQUE, NM. ILS RWY 8, AMDT 5D...S-ILS 8 VIS RVR 1800 ALL CATS. THIS IS ILS OR LOC RWY 8, AMDT 5E.

FDC 8/7575 TDW FI/P TRADEWIND, AMARILLO, TX. TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE AMDT 2...TAKEOFF MINIMUMS: RWY 5, 23 NA. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURE AMDT 2A.

FDC 8/7576 E11 FI/P ANDREWS COUNTY, ANDREWS, TX. TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG...DEPARTURE PROCEDURE: RWY 29, CLIMB HEADING 294 TO 3700 BEFORE TURNING LEFT. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG-A.

FDC 8/7577 PBH FI/P PRICE COUNTY, PHILLIPS, WI. NDB OR GPS RWY 6, AMDT 1...S-6 HAT 629 ALL CATS. CIRCLING HAA 603 ALL CATS. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINOCQUA-WOODRUFF ALTIMETER SETTING AND INCREASE ALL MDA 100 FT. CHART: TDZE 1471. THIS IS NDB OR GPS RWY 6, AMDT 1A.

FDC 8/7578 PBH FI/P PRICE COUNTY, PHILLIPS, WI. NDB OR GPS RWY 24, AMDT 3...S-24 HAT 668 ALL CATS. CIRCLING HAA 643 ALL CATS. CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MINOCQUA-WOODRUFF ALTIMETER SETTING AND INCREASE ALL MDA 100 FT. CHART: TDZE 1472. THIS IS NDB OR GPS RWY 24, AMDT 3A.