U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 07-14 **June 1, 2007**

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

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

The following are corrected copies of procedures published in Transmittal Letters 07-10, 07-11, 07-12 and 07-13:

Birmingham, AL, Birmingham Intl, ILS OR LOC/DME RWY 24, Amdt 1
Buckland, AK, Buckland, NDB/DME RWY 29, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, ILS OR LOC/DME RWY 9, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, VOR RWY 9, Amdt 4
Kotzebue, AK, Ralph Wien Memorial, VOR/DME RWY 9, Amdt 5
Kotzebue, AK, Ralph Wien Memorial, RNAV (GPS) RWY 9, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, VOR RWY 27, Amdt 4
Kotzebue, AK, Ralph Wien Memorial, VOR/DME Y RWY 27, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, VOR/DME Z RWY 27, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, RNAV (GPS) RWY 27, Amdt 1
Kotzebue, AK, Ralph Wien Memorial, Takeoff Minimums and Obstacle DP, Amdt 3
Ruby, AK, Ruby, RNAV (GPS) RWY 3, Amdt 1
Ruby, AK, Ruby, RNAV (GPS) RWY 21, Amdt 1
St. Michael, AK, St Michael, RNAV (GPS) RWY 20, Amdt 1
Honolulu, HI, Honolulu Intl, RNAV (GPS) Y RWY 4R, Amdt 1
Honolulu, HI, Honolulu Intl, RNAV (RNP) Z RWY 4R, Orig
Lihue, Lihue, HI, VOR OR TACAN RWY 35, Amdt 7
Lihue, Lihue, HI, RNAV (RNP) Z RWY 21, Orig
Nashville, TN, Nashville Intl, ILS OR LOC RWY 2R, Amdt 6, ILS RWY 2R (CAT II), ILS RWY 2R (CAT III)
Nashville, TN, Nashville Intl, ILS OR LOC RWY 31, Amdt 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 visibiljties which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TDG VOR/DME	SPATT INT/I-ROE 14.06 DME	282.99 / 25.93	3300
SPATT INT/I-ROE 14.06 DME (IF/IAF)	HUKEV/I-ROE 9.80 DME	236.47 / 4.26 (I-ROE)	2700
HUKEV/I-ROE 9.80 DME	LOWGA/I-ROE 6.61 DME	236.47 / 3.19 (I-ROE)	2200
THIS IS A CORRECTED	COPY OF A PROC PUBLISHED IN TL 07-13		

MISSED APPROACH

ILS: DA
LOC: RW24 OR AT I-ROE 1.94 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VUZ VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (TACAN EQUIPPED AIRCRAFT CONTINUE VIA VUZ R-333 TO SIPSY/14.8 DME AND HOLD NW, RT, 152.79 INBOUND.); OR WHEN DIRECTED BY ATC, CLIMB TO 3100 DIRECT BHM NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100 , SW, RT, 056.47 INBOUND. (ADF REQUIRED).

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE SPATT, RT, 236.47 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
3. FAC: 236.47 FAF: LOWGA/I-ROE 6.61 DME DIST FAF TO MAP: - THLD: 4.67
4. MIN. ALT: SPATT 3300, HUKEV 2700, LOWGA 2200, CUXOB/I-ROE 5.14 DME 1720
5. DIST TO THLD FROM OM: 4.67 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1235
6. MIN GS INCPT: 2200 GS ALT AT: LOWGA 2200 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 51.2
8. MSA FROM: VUZ VORTAC 3700

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 226.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SW BHM NDB, RT, 056.47 INBOUND.
CHART FAS OBST: 897 TREE 333515N/0864321W
CHART: 1397 TOWER 333638N/0863920W
CHART: ROEBY LOM SUBDUED.
CHART VDP AT 3.36 DME;
DISTANCE VDP TO THLD 1.42 MILES.
CHART IN PLANVIEW: BHM NDB.
CHART: TDZE 650.
CHART: TDG 25.93 DME AT SPATT INT.

MAG VAR: EPOCH YEAR:

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 24	1086	5000	436	1086	5000	436	1086	5000	436	1086	5000	436	1086	5000	436
S-LOC 24	1160	4000	510	1160	4000	510	1160	5000	510	1160	5000	510	1160	6000	510

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT SPATT INT ON V209 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 644 TDZE: 650	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS RWY 24
BIRMINGHAM, AL	AIRPORT NAME: BIRMINGHAM INTL	I-ROE	ILS OR LOC/DME RWY 24, AMDT 1	AMDT: ORIG-A
			JUL 5 2007	DATED 05/17/2001

FAA FORM 8260 - 3 / December 2002 (computer generated)

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.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BALIN/OTZ 30.00 DME	ANUCU/BVK 5.50 DME	148.84 / 31.22 (BVK BRG-329)	3000
ANUCU/BVK 5.50 DME	BVK NDB/DME	148.84 / 5.51	3000
WLK VOR/DME	BVK NDB/DME	201.50 / 46.70	4400
CASAC/OTZ 65.11 DME	BVK NDB/DME	218.00 / 20.44	4800
BVK NDB/DME	FERSU/BVK 5.39 DME	099.24 / 5.40	2700

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-12.

MISSED APPROACH

MAP: WUXUK/BVK 0.30 DME FIX

CLIMBING RIGHT TURN TO 3000 VIA BVK NDB/DME BRG 328.84 TO ANUCU/BVK 5.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 148.84 INBOUND.
CHART FAS OBST: 349 TREE 655848N/1610036W
CHART 399 TREE 655842N/1605930W
FERSU TO RW29: 3.16/30
CHART MAXIMUM PROCEDURE TURN ENTRY ALT AT 6000

1. PT L SIDE OF COURSE 099.24 OUTBOUND 2400 FT WITHIN 10 MILES OF FERSU/BVK 5.39 DME (IAF)
2.
3. FAC 279.24 FAF FERSU/BVK 5.39 DME DIST FAF TO MAP THLD 5.18
4. MIN. ALT FERSU 1800, MATGE/BVK 3.07 DME 1020
8. MSA FROM: BVK NDB/DME 4600

MAG VAR: 15E EPOCH YEAR:2010

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-29	700	1	669	700	1	669		NA			NA				
CIRCLING	700	1	669	700	1	669		NA			NA				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED , USE SELAWIK ALTIMETER SETTING AND INCREASE ALL MDA'S 120 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 31 TDZE: 31	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP NDB/DME RWY 28
BUCKLAND, AK	AIRPORT NAME: BUCKLAND	BVK	NDB/DME RWY 29, AMDT 1	AMDT ORIG
			JUL 5 2007	DATE 10/28/2002

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

07 1 APPROVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FIWWI/OTZ VOR/DME 25.00 DME	HUPUG/OTZ VOR/DME 12.00 DME	118.90 / 13.00 (OTZ R-299)	3700
OTZ VOR/DME	KAYEC/I-OTZ 5.10 DME	264.49 / 5.80	2400
HHM NDB	KAYEC/I-OTZ 5.10 DME	255.18 / 5.14	2400
OMPAE/OTZ VOR/DME 12.00 DME CCW (IAF)	HUPUG/OTZ VOR/DME 12.00 DME (NOPT)	12.00 DME ARC	2000
HUPUG/OTZ VOR/DME 12.00 DME CCW (IAF)	TUBDE/I-OTZ 11.31 DME (NOPT)	12.00 DME ARC (OTZ LR-275)	1600
NECSI/OTZ VOR/DME 12.00 DME CW (IAF)	TUBDE/I-OTZ 11.31 DME (NOPT)	12.00 DME ARC (OTZ LR-255)	1600
TUBDE/I-OTZ 11.31 DME (IF)	KAYEC/I-OTZ 5.10 DME	084.88 / 6.20	1400

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

ILS: DA
LOC: RW09 OR AT I-OTZ 0.96 DME FIX

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000; OR WHEN DIRECTED BY ATC, CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 2000 DIRECT HHM NDB AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000 , HOLD SE, RT, 294.60 INBOUND. (ADF REQUIRED).

1. PT **L** SIDE OF COURSE **264.88** OUTBOUND **1500** FT WITHIN **10** MILES OF **KAYEC/I-OTZ 5.10 DME** (IAF)
2.
3. FAC: **084.88** FAF: **KAYEC/I-OTZ 5.10 DME** DIST FAF TO MAP: — THLD: **4.15**
4. MIN. ALT: **KAYEC 1400**
5. DIST TO THLD FROM OM: **4.15** MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: **989**
6. MIN GS INCPT: **1400** GS ALT AT: **KAYEC/I-OTZ 5.10 DME 1400** OM: - MM: - IM: -
7. GS ANGLE: **3.00** TCH: **51.6**
8. MSA FROM: **OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300**

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 294.60 INBOUND.
CHART ARRIVAL HOLDING AT HHM NDB: HOLD SE, RT, 294.60 INBOUND, 4900.
CHART FAS OBST: 50 BARGE 665330N/1623811W
CHART 395 TOWER 665020N/1623415W.
CHART VDP AT 1.74 DME;
DISTANCE VDP TO THLD 0.78 MILES.
CHART OTZ R-191 AT NECSI.
CHART OTZ R-299 AT HUPUG.
CHART OTZ R-330 AT OMPAE.
CHART IN PLANVIEW: HHM NDB.
CHART: LOC/AZIMUTH OFFSET 1.90 DEGREES.
FAC CROSSES RWY C/L EXTENDED 2471 FROM THLD.

MAG VAR: **15E** 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			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 9	263	4000	250	263	4000	250	263	4000	250	263	4000	250			
S-LOC 9	300	5000	287	300	5000	287	300	5000	287	300	5000	287			
CIRCLING	520	1	506	520	1	506	520	1 1/2	506	580	2	566			

NOTES:
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: USE I-OTZ DME WHEN ON THE LOCALIZER COURSE.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: ARRIVALS VIA B2, B27, G18, AND V506 DESCEND TO 4900 IN HHM NDB HOLDING SEE 8260-10

 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS OR LOC/DME RWY 8
KOTZEBUE, AK	**ELEVATION: 14 TDZE: 13** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**I-OTZ**	**ILS OR LOC/DME RWY 9, AMDT 1** **07/05/07**	AMDT: **ORIG-B** DATED **08/03/2006**

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
PATTERN PRIOR TO COMMENCING APPROACH.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL DAS 107 FEET AND MDAS 120 FEET.
CHART NOTE: VDP NA WHEN USING NOATAK ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: ILS OR LOC/DME RWY 8
KOTZEBUE, AK	**ELEVATION: 14 TDZE: 13** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**I-OTZ**	**ILS OR LOC/DME RWY 9, AMDT 1** **07/05/07**	AMDT: **ORIG-B** DATED: **08/03/2006**

APPROVED 8/3/06 B

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.			

MISSED APPROACH

MAP: OTZ VOR/DME

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 163 TOWER 665404N/1623346W
CHART 395 TOWER 665020N/1623415W.
CHART VDP AT 3.00 DME;
DISTANCE VDP TO THLD 1.34 MILES.

1. PT **L** SIDE OF COURSE **262.84** OUTBOUND **1500** FT WITHIN **10** MILES OF **OTZ VOR/DME** (IAF)
2.
3. FAC **082.84** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300**

MAG VAR: **15E** 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-9	**480**	**5000**	**467**	**480**	**5000**	**467**	**480**	**6000**	**467**	**480**	**1 1/2**	**467**			
CIRCLING	**520**	**1**	**506**	**520**	**1**	**506**	**520**	**1 1/2**	**506**	**580**	**2**	**566**			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: VDP NA WHEN USING NOATAK ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP	VOR RWY 8
KOTZEBUE, AK	AIRPORT NAME: **RALPH WIEN MEMORIAL**	**OTZ**	**VOR RWY 9, AMDT 4** **07/05/07**	AMDT	3B
				DATE	12/22/05

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

CA B APPROVED

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FIWWI/25.00 DME	HUPUG/12.00 DME	118.90 / 13.00 (OTZ R-299)	3700
HHM NDB	KEPTE/4.59 DME	250.50 / 3.98	2400
OTZ VOR/DME	KEPTE/4.59 DME	262.84 / 4.59	2400
OMPAE/12.00 DME CCW (IAF)	HUPUG/12.00 DME (NOPT)	12.00 DME ARC	2000
HUPUG/12.00 DME CCW (IAF)	VAGUY/12.00 DME (NOPT)	12.00 DME ARC (OTZ LR-273)	1600
NECSI/12.00 DME CW (IAF)	VAGUY/12.00 DME (NOPT)	12.00 DME ARC (OTZ LR-253)	1600
VAGUY/12.00 DME (IF)	KEPTE/4.59 DME	082.84 / 7.41 (OTZ R-263)	1000

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

MAP: RW09 OR AT 1.66 DME FIX

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 76 TOWER 665311N/1623644W
CHART 395 TOWER 665020N/1623415W.
CHART VDP AT 2.56 DME;
DISTANCE VDP TO THLD 0.90 MILES.
CHART OTZ R-299 AT HUPUG.
CHART OTZ R-330 AT OMPAE.
CHART OTZ R-191 AT NECSI.
KEPTE TO RW09: 3.05/39.
CHART ARRIVAL HOLDING AT HHM NDB: HOLD SE, RT, 294.60 INBOUND, 4300.

1. PT L SIDE OF COURSE 262.84 OUTBOUND 1500 FT WITHIN 10 MILES OF KEPTE/4.59 DME (IAF)
2.
3. FAC 082.84 FAF KEPTE/4.59 DME DIST FAF TO MAP — THLD 2.93
4. MIN. ALT KEPTE 1000
8. MSA FROM: OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300

MAG VAR: 15E 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-9	340	5000	327	340	5000	327	340	5000	327	340	5000	327			
CIRCLING	520	1	506	520	1	506	520	1 1/2	506	580	2	566			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART PLANVIEW NOTE: ARRIVALS VIA B2, B3, B27, G18, AND V506 DESCEND TO 4300 IN HHM NDB HOLDING PATTERN PRIOR TO COMMENCING APPROACH.
CHART NOTE: VDP NA WHEN USING NOATAK ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP VOR/DME RWY 8
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	OTZ	VOR/DME RWY 9, AMDT 5 07/05/07	AMDT 4A
				DATE 12/22/2005

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

CAT B APPROVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GIGRE (IAF)	KOTEC (NOPT) (FB)	176.40 / 5.00	1900
HERDU (IAF)	KOTEC (NOPT) (FB)	356.30 / 8.55	1900
KOTEC (IF/IAF)	ZIKBO (FB)	086.36 / 6.50	1500

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

LNAV: RW09

CLIMB TO 2000 DIRECT ACUDU AND RIGHT TURN VIA 186.47 TRACK TO TECOT AND VIA 270.67 TRACK TO HERDU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 052.44 INBOUND.
CHART FAS OBST: 76 OL RTR TWR 665311N/1623644W
CHART 395 TOWER 665020N/1623415W.
CHART VDP AT 0.90 MILES TO RW09.
ZIKBO TO RW09: 3.03/39.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W KOTEC, RT, 086.36 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
3. FAC: 086.61 FAF: ZIKBO DIST FAF TO MAP: 4.50 THLD: 4.50
4. MIN. ALT: KOTEC 1900, ZIKBO 1500
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: 15E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	340	5000	327	340	5000	327	340	5000	327	340	5000	327			
CIRCLING	520	1	506	520	1	506	520	1 1/2	506	580	2	566			

NOTES:
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WHEN USING NOATAK ALTIMETER SETTING.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RWY 8
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 9, AMDT 1	AMDT: ORIG-A
			07/05/07	DATED 12/22/2005

GA APPROVED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	356/30 CW 176/30 (NOPT)	356/8 CW 176/8	3700
2.	356/8 CW 176/8	KOTEC (IF/IAF) (FB)	1900
3.	176/30 CW 266/30	176/15 CW 266/15	4100
4.	176/15 CW 266/15	GIGRE (IAF) (FB)	3700
5.	266/30 CW 356/30	HERDU (IAF) (FB)	2000

CITY AND STATE	ELEVATION: 11 TDZE: 10	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 8
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 9, AMDT 1 07/05/07	AMDT: ORIG-A
				DATED: 12/22/2005

ARINC PACKET - 424-15

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   ACUDU PA0    W   L N66521087W162221480                    E0160     NAW          ACUDU
        SCANEAENRT   GIGRE PA0    W   L N67002691W163012409                    E0156     NAW          GIGRE
        SCANEAENRT   HERDU PA0    W   L N66471268W163080985                    E0155     NAW          HERDU
        SCANEAENRT   KOTEC PA0    W   L N66553387W163035467                    E0156     NAW          KOTEC
        SCANEAENRT   TECOT PA0    W   L N66431134W162311100                    E0158     NAW          TECOT
        SCANEAENRT   ZIKBO PA0    W   L N66541651W162474458                    E0157     NAW          ZIKBO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAAOTZ     0     059YHN66530490W162355460E015000014         1800018000C    MNAW    RALPH WIEN MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAFP09   AGIGRE 010GIGREPAEA0E  A    IF                                          18000                G  S
        SCANP OTZ PAFP09   AGIGRE 020KOTECPAEA0EE   010TF                    17640050    + 01900                      G  S
        SCANP OTZ PAFP09   AHERDU 010HERDUPAEA0E  A    IF                                          18000                G  S
        SCANP OTZ PAFP09   AHERDU 020KOTECPAEA0EE   010TF                    35630086    + 01900                      G  S
        SCANP OTZ PAFP09   AKOTEC 010KOTECPAEA0EE CR   HF                     08640040    + 01900     18000            G  S
        SCANP OTZ PAFP09   P      010KOTECPAEA0E  I    IF                                + 01900     18000            G  S
        SCANP OTZ PAFP09   P      020ZIKBOPAEA0E  F 051TF                     08640065    + 01500                      G  S
        SCANP OTZ PAFP09   P      030RW09 PAPG0GY M 031TF                     08660045      00052           -303       G  S
        SCANP OTZ PAFP09   P      040         0  M  010CA                     0866        + 00340                      G  S
        SCANP OTZ PAFP09   P      050ACUDUPAEA0E    010DF                                                            G  S
        SCANP OTZ PAFP09   P      060TECOTPAEA0E   R010TFY                    1865                                   G  S
        SCANP OTZ PAFP09   P      070HERDUPAEA0EY   010TF                    2707        + 02000                      G  S
        SCANP OTZ PAFP09   P      080HERDUPAEA0EE HR020HM                    05240040    + 02000                      G  S

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAGRW09    0059000868 N66532197W162363364+0000          00013000039150
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
KOTZEBUE, AK	**ELEVATION: 14 TDZE: 13** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** **07/05/07**	SUP: **RNAV (GPS) RWY 8** AMDT: **ORIG-A** DATED: **12-22-2006**

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GIGRE	GIGRE	010	IAF	IF		FB				
	GIGRE	KOTEC	020		TF		FB	1.0	176.4(191T)	005.0	01900
	HERDU	HERDU	010	IAF	IF		FB				
	HERDU	KOTEC	020		TF		FB	1.0	356.3(011T)	008.6	01900
	KOTEC	KOTEC	010		HF	R	FB		086.4(101T)	004.0	01900
		KOTEC	010	FACF	IF		FB				01900
		ZIKBO	020	FAF	TF		FB	0.5	086.4(101T)	006.5	01500
		RW09	030	MAP	TF		FO	0.3	086.6(102T)	004.5	00052

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	086.6(102T)		00340
	ACUDU	050		DF		FB	1.0			
	TECOT	060		TF	R	FB	1.0	186.5(202T)		
	HERDU	070		TF		FO	1.0	270.7(286T)		02000
	HERDU	080		HM	R	FO	2.0	052.4(067T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACUDU	N665210.87	W1622214.80	N6652.181	W16222.247
	GIGRE	N670026.91	W1630124.09	N6700.449	W16301.402
	HERDU	N664712.68	W1630809.85	N6647.211	W16308.164
	KOTEC	N665533.87	W1630354.67	N6655.565	W16303.911
	TECOT	N664311.34	W1623111.00	N6643.189	W16231.183
	ZIKBO	N665416.51	W1624744.58	N6654.275	W16247.743
	RW09	N665321.97	W1623633.64	N6653.366	W16236.561

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00013	39

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
KOTZEBUE, AK	**ELEVATION: 14** **TDZE: 13** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 9, AMDT 1** **07/05/07**	SUP: **RNAV (GPS) RWY 8** AMDT: **ORIG-A** DATED: **12-22-2005**

APPROVED

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.			

MISSED APPROACH

MAP: OTZ VOR/DME

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 330 BUSH 665340N/1621836W
CHART 395 TOWER 665020N/1623415W.

1. PT **L** SIDE OF COURSE **077.23** OUTBOUND **1500** FT WITHIN **10** MILES OF **OTZ VOR/DME** (IAF)
2.
3. FAC **257.23** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300**

MAG VAR: **15E** 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-27	**640**	**1**	**626**	**640**	**1**	**626**	**640**	**1 3/4**	**626**	**640**	**2**	**626**			
CIRCLING	**640**	**1**	**626**	**640**	**1**	**626**	**640**	**1 3/4**	**626**	**640**	**2**	**626**			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
KOTZEBUE, AK	**ELEVATION: 14 TDZE: 14** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**I-OTZ**	**VOR RWY 27, AMDT 4** **07/05/07**	SUP **VOR RWY 26** AMDT **3A** DATE **12/22/2005**

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

CA B APPROVED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OTZ VOR/DME	ODEGE/3.50 DME	094.02 / 3.50	2400
NECSI/12.00 DME CCW (IAF)	JUMAS/12.00 DME (NOPT)	12.00 DME ARC	1700
JUMAS/12.00 DME CCW (IAF)	PAYBI/12.00 DME (NOPT)	12.00 DME ARC (OTZ LR-104)	1500
PAYBI/12.00 DME (IF)	ODEGE/3.50 DME	274.02 / 8.50 (OTZ R-094)	1400

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

MAP: RAGOY/0.93 DME

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 175 BUSH 665119N/1622722W
CHART 395 TOWER 665020N/1623415W.
CHART OTZ R-191 AT NECSI.
CHART OTZ R-115 AT JUMAS.
FAC CROSSES RWY C/L EXTENDED 9707 FROM THLD.

1. PT **L** SIDE OF COURSE **094.02** OUTBOUND **1500** FT WITHIN **10** MILES OF **ODEGE/3.50 DME** (IAF)
2.
3. FAC **274.02** FAF **ODEGE/3.50 DME** DIST FAF TO MAP **—** THLD **4.16**
4. MIN. ALT **ODEGE 1400**
8. MSA FROM: **OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300**

MAG VAR: **15E** 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-27	440	2	426	440	2	426	440	2	426	440	2	426			
CIRCLING	520	2	506	520	2	506	520	2	506	580	2	566			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
KOTZEBUE, AK	**ELEVATION: 14 TDZE: 14** AIRPORT NAME: **RALPH WIEN MEMORIAL**	**OTZ**	**VOR/DME Y RWY 27, AMDT 1** **07/05/07**	SUP **VOR/DME Y RWY 26** AMDT **ORIG-A** DATE **12/22/2005**

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

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OTZ VOR/DME	LOTIC/3.50 DME	077.23 / 3.50	2400
JUMAS/12.00 DME CCW (IAF)	ZOTOR/12.00 DME (NOPT)	12.00 DME ARC (OTZ LR-087)	1500
MUNUE/12.00 DME CW (IAF)	ZOTOR/12.00 DME (NOPT)	12.00 DME ARC	1500
ZOTOR (IF)	LOTIC/3.50 DME	257.23 / 8.50 (OTZ R-077)	1400

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

MAP: OTZ VOR/DME

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 2000 DIRECT OTZ VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2000.

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 294.60 INBOUND.
CHART FAS OBST: 175 BUSH 665354N/1622727W
CHART 395 TOWER 665020N/1623415W.
CHART 189 BUSH 665359N/1622359W.
CHART OTZ R-115 AT JUMAS.
CHART OTZ R-066 AT MUNUE.
LOTIC TO RW27: 3.03/40.

1. PT L SIDE OF COURSE 077.23 OUTBOUND 1500 FT WITHIN 10 MILES OF LOTIC/3.50 DME (IAF)
2.
3. FAC 257.23 FAF LOTIC/3.50 DME DIST FAF TO MAP — THLD 4.19
4. MIN. ALT LOTIC 1400
8. MSA FROM: OTZ VOR/DME 360-090 3700, 090-270 1500, 270-360 3300

MAG VAR: 15E 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-27	440	1	426	440	1	426	440	1 1/4	426	440	1 1/4	426			
CIRCLING	520	1	506	520	1	506	520	1 1/2	506	580	2	566			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP VOR/DME Z RWY 26
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	OTZ	VOR/DME Z RWY 27, AMDT 1 07/05/07	AMDT ORIG-B
				DATE 08/03/2006

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

OA B APPROVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIYRE (IAF)	NEMDE (NOPT) (FB)	357.22 / 5.70	1900
ZIPYU (IAF)	NEMDE (NOPT) (FB)	177.31 / 5.00	1900
NEMDE (IF/IAF)	ACUDU (FB)	267.27 / 6.94	1600

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

LNAV: RW27

CLIMBING LEFT TURN TO 1900 DIRECT NEMDE AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 155 BUSH 665318N/1622743W
CHART 395 TOWER 665020N/1623415W.
CHART 189 BUSH 665251N/1622152W.
ACUDU TO RW27: 3.03/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E NEMDE, RT, 267.27 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
3. FAC: 267.00 FAF: ACUDU DIST FAF TO MAP: 4.80 THLD: 4.80
4. MIN. ALT: NEMDE 1900, ACUDU 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 15E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	420	1	406	420	1	406	420	1 1/4	406	420	1 1/4	406			
CIRCLING	520	1	506	520	1	506	520	1 1/2	506	580	2	566			

NOTES:
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE NOATAK ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RWY 26
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 27, AMDT 1	AMDT: ORIG-A
			07/05/07	DATED 12/22/2005

CA B APPROVED

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.	177/30 CW 357/30 (NOPT)	177/10 CW 357/10	4400
2.	177/10 CW 357/10	NEMDE (IF/IAF) (FB)	1900
3.	357/30 CW 087/30	LIYRE (IAF) (FB)	2300
4.	087/30 CW 177/30	087/8 CW 177/8	4100
5.	087/8 CW 177/8	ZIPYU (IAF) (FB)	2100

CITY AND STATE	ELEVATION: 11 TDZE: 11	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 26
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 27, AMDT 1 07/05/07	AMDT: ORIG-A
				DATED: 12/22/2005

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

ARINC PACKET - 424-15

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   ACUDU PA0    W   L N66521087W162221480                    E0160     NAW          ACUDU
        SCANEAENRT   LIYRE PA0    W   L N66451036W162080669                    E0161     NAW          LIYRE
        SCANEAENRT   NEMDE PA0    W   L N66504361W162050327                    E0161     NAW          NEMDE
        SCANEAENRT   ZIPYU PA0    W   L N66553568W162022134                    E0162     NAW          ZIPYU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAAOTZ     0     059YHN66530490W162355460E015000014         1800018000C    MNAW    RALPH WIEN MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAFP27   ALIYRE 010LIYREPAEA0E  A    IF                                          18000                G  S
        SCANP OTZ PAFP27   ALIYRE 020NEMDEPAEA0EE   010TF                   35720057    + 01900                       G  S
        SCANP OTZ PAFP27   ANEMDE 010NEMDEPAEA0EE CR   HF                   26730040    + 01900     18000             G  S
        SCANP OTZ PAFP27   AZIPYU 010ZIPYUPAEA0E  A    IF                                          18000             G  S
        SCANP OTZ PAFP27   AZIPYU 020NEMDEPAEA0EE   010TF                   17730050    + 01900                       G  S
        SCANP OTZ PAFP27   P      010NEMDEPAEA0E  I    IF                              + 01900     18000             G  S
        SCANP OTZ PAFP27   P      020ACUDUPAEA0E  F 051TF                   26730069    + 01600                       G  S
        SCANP OTZ PAFP27   P      030RW27 PAPG0GY M 031TF                   26700048      00054           -303        G  S
        SCANP OTZ PAFP27   P      040         0  M  010CA                   2670        + 00414                       G  S
        SCANP OTZ PAFP27   P      050NEMDEPAEA0EY  L010DF                              + 01900                       G  S
        SCANP OTZ PAFP27   P      060NEMDEPAEA0EE HR020HM                   26730040    + 01900                       G  S

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP OTZ PAGRW27    0059002668 N66531010W162340903+0000          00014000040150
```

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 26
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 27, AMDT 1 07/05/07	AMDT: ORIG-A
				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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LIYRE	LIYRE	010	IAF	IF		FB				
	LIYRE	NEMDE	020		TF		FB	1.0	357.2(012T)	005.7	01900
	NEMDE	NEMDE	010		HF	R	FB		267.3(282T)	004.0	01900
	ZIPYU	ZIPYU	010	IAF	IF		FB				
	ZIPYU	NEMDE	020		TF		FB	1.0	177.3(192T)	005.0	01900
		NEMDE	010	FACF	IF		FB				01900
		ACUDU	020	FAF	TF		FB	0.5	267.3(282T)	006.9	01600
		RW27	030	MAP	TF		FO	0.3	267.0(282T)	004.8	00054

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	267.0(282T)		00414
	NEMDE	050		DF	L	FO	1.0			01900
	NEMDE	060		HM	R	FO	2.0	267.3(282T)	004.0	01900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ACUDU	N665210.87	W1622214.80	N6652.181	W16222.247
	LIYRE	N664510.36	W1620806.69	N6645.173	W16208.112
	NEMDE	N665043.61	W1620503.27	N6650.727	W16205.055
	ZIPYU	N665535.68	W1620221.34	N6655.595	W16202.356
	RW27	N665310.10	W1623409.03	N6653.168	W16234.151

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00014	40

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 26
KOTZEBUE, AK	AIRPORT NAME: RALPH WIEN MEMORIAL	RNAV	RNAV (GPS) RWY 27, AMDT 1	AMDT: ORIG-A
			07/05/07	DATED: 12-22-2006

APPROVED A B

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 9, 27, 36 STANDARD

RWY 18, 300 - 1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 280' PER NM TO 300.

THIS IS A CORRECTED COPY OG A PROCEDURE PUBLISHED IN TL 07-11.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 9, MULTIPLE BUSHES BEGINNING 735' FROM DER, 265' RIGHT OF CENTERLINE, UP TO 15' AGL/136' MSL. MULTIPLE BUSHES BEGINNING 1122' FROM DER, 2' LEFT OF CENTERLINE, UP TO 15' AGL/105' MSL. CAR, TOWER AND OL VOR/DME BEGINNING 4114' FROM DER, ON CENTERLINE, UP TO 27' AGL/147' MSL. NOTE: RWY 18, VEHICLE ON ROAD, 12' FROM DER, ON CENTERLINE, 15' AGL/25' MSL. TOWER 5819' FROM DER, 1690' LEFT OF CENTERLINE, 100' AGL/218' MSL. NOTE: RWY 27, VEHICLE ON ROAD, 79' FROM DER, ON CENTERLINE, 15' AGL/25' MSL. SIGN 68' FROM DER, 367' RIGHT OF CENTERLINE, 5' AGL/18' MSL. SIGN 77' FROM DER, 248' LEFT OF CENTERLINE, 5' AGL/18' MSL. NOTE: RWY 36, MULTIPLE TOWERS BEGINNING 378' FROM DER, 533' LEFT OF CENTERLINE, UP TO 66' AGL/76' MSL. ROD ON OL AMOM 312' FROM DER, 299' RIGHT OF CENTERLINE, 15' AGL/38' MSL. VEHICLE ON ROAD, 11' FROM DER, ON CENTERLINE, 15' AGL/24' MSL.**

(4) CONTROLLING OBSTACLES:

RWY 18: 218 MSL TOWER 665129.80N/1623650.84W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
KOTZEBUE, AK	RALPH WIEN MEMORIAL	07/05/07	3

04 B APPROVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUMUN (IAF)	WINUR (NOPT) (FB)	120.33 / 6.00	3800
DUCEL (IAF)	WINUR (NOPT) (FB)	300.59 / 6.00	3800
WINUR (IF/IAF)	TINUC (FB)	030.46 / 6.23	2700

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-13.

MISSED APPROACH

LNAV: SOLCO

CLIMBING RIGHT TURN TO 3800 DIRECT WINUR AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 881 TREE 644255N/1553037W
YARUN TO RW03: 3.49/40
CHART APT ELEV: 658
CHART TDZE: 648
CHART GALENA MOA

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WINUR, RT, 030.46 INBOUND, 3800 FT. IN LIEU OF PT (IAF)
3. FAC: 030.63 FAF: TINUC DIST FAF TO MAP: 6.11 THLD: 6.21
4. MIN. ALT: WINUR 3800, TINUC 2700, YARUN/2.90 NM TO SOLCO 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 NOT CLEAR
8. MSA FROM: ____

MAG VAR: 20E EPOCH YEAR: 2005

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1260	1	612	1260	1	612	1260	1 3/4	612		NA				
CIRCLING	1260	1	602	1260	1	602	1260	1 3/4	602		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GALENA ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 658 TDZE: 648	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RWY 03
RUBY, AK	AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG-A
			JUL -5 2007	DATED 08/03/2006

QA B APPROVED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

TAA

	FROM	TO	ALT
1.	301/30 CW 120/30 (NOPT)	WINUR (IF/IAF) (FB)	3800
2.	120/30 CW 211/30	120/10 CW 211/10	5100
3.	120/10 CW 211/10	ZUMUN (IAF) (FB)	3800
4.	211/30 CW 301/30	211/10 CW 301/10	4600
5.	211/10 CW 301/10	DUCEL (IAF) (FB)	3800

CITY AND STATE	ELEVATION: 658 TDZE: 648	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 03
RUBY, AK	AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG-A
			JUL -5 2007	DATED: 08/03/2006

QA B APPROVED

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

ARINC PACKET - 424-15

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SCANEAENRT   DUCEL PA0    W   L N64305661W155421921                    E0190     NAW          DUCEL
          SCANEAENRT   SOLCO PA0    W   L N64432170W155285825                    E0191     NAW          SOLCO
          SCANEAENRT   TINUC PA0    W   L N64393044W155395869                    E0190     NAW          TINUC
          SCANEAENRT   WINUR PA0    W   L N64353359W155510946                    E0189     NAW          WINUR
          SCANEAENRT   YARUN PA0    W   L N64413199W155341224                    E0191     NAW          YARUN
          SCANEAENRT   ZUMUN PA0    W   L N64401003W156000271                    E0189     NAW          ZUMUN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SCANP RBY PAARBY     0     040YSN64433800W155281160E020000658         1800018000C    MNAW    RUBY

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SCANP RBY PAFP03   ADUCEL 010DUCELPAEA0E  A    IF                                          18000                G  S
          SCANP RBY PAFP03   ADUCEL 020WINURPAEA0EE   010TF                    30060060    + 03800                      G  S
          SCANP RBY PAFP03   AWINUR 010WINURPAEA0EE CR   HF                    03050050    + 03800     18000            G  S
          SCANP RBY PAFP03   AZUMUN 010ZUMUNPAEA0E  A    IF                                          18000            G  S
          SCANP RBY PAFP03   AZUMUN 020WINURPAEA0EE   010TF                    12030060    + 03800                      G  S
          SCANP RBY PAFP03   P      010WINURPAEA0E  I    IF                                + 03800     18000            G  S
          SCANP RBY PAFP03   P      020TINUCPAEA0E  F 051TF                    03050062    + 02700                      G  S
          SCANP RBY PAFP03   P      021YARUNPAEA0E S  031TF                    03060032    V 0180001809        -349     G  S
          SCANP RBY PAFP03   P      030SOLCOPAEA0EY M 031TF                    03060029      00720             -349     G  S
          SCANP RBY PAFP03   P      040         0  M  010CA                    0306        + 01058                      G  S
          SCANP RBY PAFP03   P      050WINURPAEA0EY  R010DF                               + 03800                      G  S
          SCANP RBY PAFP03   P      060WINURPAEA0EE HR020HM                    03050050    + 03800                      G  S

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SCANP RBY PAGRW03    0040000308 N64432554W155284724+0200          00648000040100
```

CITY AND STATE	ELEVATION: 658 TDZE: 648	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RWY 03
RUBY, AK	AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 3, AMDT 1 JUL -5 2007	AMDT: ORIG-A
				DATED: 08-03-2006

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DUCEL	DUCEL	010	IAF	IF		FB				
	DUCEL	WINUR	020		TF		FB	1.0	300.6(321T)	006.0	03800
	WINUR	WINUR	010		HF	R	FB		030.5(051T)	005.0	03800
	ZUMUN	ZUMUN	010	IAF	IF		FB				
	ZUMUN	WINUR	020		TF		FB	1.0	120.3(140T)	006.0	03800
		WINUR	010	FACF	IF		FB				03800
		TINUC	020	FAF	TF		FB	0.5	030.5(051T)	006.2	02700
		YARUN	021	SDF	TF		FB	0.3	030.6(051T)	003.2	01800
		SOLCO	030	MAP	TF		FO	0.3	030.6(051T)	002.9	00720

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	030.6(051T)		01058
	WINUR	050		DF	R	FO	1.0			03800
	WINUR	060		HM	R	FO	2.0	030.5(051T)	005.0	03800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUCEL	N643056.61	W1554219.21	N6430.944	W15542.320
	SOLCO	N644321.70	W1552858.25	N6443.362	W15528.971
	TINUC	N643930.44	W1553958.69	N6439.507	W15539.978
	WINUR	N643533.59	W1555109.46	N6435.560	W15551.158
	YARUN	N644131.99	W1553412.24	N6441.533	W15534.204
	ZUMUN	N644010.03	W1560002.71	N6440.167	W15600.045
	RW03	N644325.54	W1552847.24	N6443.426	W15528.787

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00648	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
RUBY, AK	**ELEVATION: 658 TDZE: 648** AIRPORT NAME: **RUBY**	**RNAV**	**RNAV (GPS) RWY 3, AMDT 1** JUL -5 2007	SUP: **RNAV (GPS) RWY 03** AMDT: **ORIG-A** DATED: **08-03-2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CAGEN (IAF)	POYOK (NOPT) (FB)	121.18 / 9.30	7000
AGIVE (IAF)	POYOK (NOPT) (FB)	301.60 / 9.30	7000
POYOK (IF/IAF)	WADIN (FB)	211.39 / 7.50	4700
WADIN	RUBYO (FB)	211.39 / 7.50	2600

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-11.

MISSED APPROACH

LNAV: KOYLE

CLIMBING LEFT TURN TO 7000 DIRECT POYOK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:
- CHART FAS OBST: 806 TREE 644540N/1552024W
- RUBYO TO RW21: 3.05/40
- CHART APT ELEV: 658
- CHART TDZE: 658
- CHART GALENA MOA

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE POYOK, RT, 211.39 INBOUND, 7000 FT. IN LIEU OF PT (IAF)
3. FAC: 210.98 FAF: RUBYO DIST FAF TO MAP: 5.78 THLD: 5.87
4. MIN. ALT: POYOK 7000, WADIN 4700, RUBYO 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 20E 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
LNAV MDA	1140	1	482	1140	1	482	1140	1 1/4	482		NA				
CIRCLING	1260	1	602	1260	1	602	1260	1 3/4	602		NA				

NOTES:
- CHART NOTE: DME/DME RNP-0.3 NA.
- CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
- CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
- CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GALENA ALTIMETER SETTING AND INCREASE ALL MDAS 340 FEET.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 658 TDZE: 658	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
RUBY, AK	AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 21, AMDT 1	AMDT: ORIG-A
			JUL -5 2007	DATED 08/03/2006

04 U APPROVED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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.	121/30 CW 302/30 (NOPT)	121/20 CW 302/20	7200
2.	121/20 CW 302/20	POYOK (IF/IAF) (FB)	7000
3.	302/30 CW 031/30	AGIVE (IAF) (FB)	7000
4.	031/30 CW 121/30	CAGEN (IAF) (FB)	7000

CITY AND STATE	ELEVATION: 657 TDZE: 657	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO.:	SUP:
RUBY, AK	AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 21, AMDT 1	AMDT: ORIG-A
			JUL -5 2007	DATED: 08/03/2006

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

ARINC PACKET - 424-15

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   AGIVE PA0    W   L N64493874W154355926                    E0196     NAW          AGIVE
        SCANEAENRT   CAGEN PA0    W   L N65040788W155031647                    E0195     NAW          CAGEN
        SCANEAENRT   KOYLE PA0    W   L N64435421W155272497                    E0192     NAW          KOYLE
        SCANEAENRT   POYOK PA0    W   L N64565394W154493418                    E0195     NAW          POYOK
        SCANEAENRT   RUBYO PA0    W   L N64473203W155165708                    E0193     NAW          RUBYO
        SCANEAENRT   WADIN PA0    W   L N64521362W155031801                    E0194     NAW          WADIN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP RBY PAARBY     0     040YSN64433800W155281160E020000658         1800018000C    MNAW    RUBY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP RBY PAFP21   AAGIVE 010AGIVEPAEA0E  A    IF                                          18000                G  S
        SCANP RBY PAFP21   AAGIVE 020POYOKPAEA0EE   010TF                  30160093    + 07000                        G  S
        SCANP RBY PAFP21   ACAGEN 010CAGENPAEA0E  A    IF                                          18000                G  S
        SCANP RBY PAFP21   ACAGEN 020POYOKPAEA0EE   010TF                  12120093    + 07000                        G  S
        SCANP RBY PAFP21   APOYOK 010POYOKPAEA0EE CR   HF                  21140070    + 07000     18000              G  S
        SCANP RBY PAFP21   P      010POYOKPAEA0E  I    IF                              + 07000     18000              G  S
        SCANP RBY PAFP21   P      011WADINPAEA0E S  051TF                  21140075    + 04700                        G  S
        SCANP RBY PAFP21   P      020RUBYOPAEA0E  F 051TF                  21140075    + 02600                        G  S
        SCANP RBY PAFP21   P      030KOYLEPAEA0EY M 031TF                  21100058      00729            -305        G  S
        SCANP RBY PAFP21   P      040         0  M  010CA                  2110        + 01058                        G  S
        SCANP RBY PAFP21   P      050POYOKPAEA0EY  L010DF                              + 07000                        G  S
        SCANP RBY PAFP21   P      060POYOKPAEA0EE HR020HM                  21140070    + 07000                        G  S

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP RBY PAGRW21    0040002108 N64435042W155273585-0200          00658000040100
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
RUBY, AK	**ELEVATION: 658 TDZE: 658** AIRPORT NAME: **RUBY**	**RNAV**	**RNAV (GPS) RWY 21, AMDT 1** JUL -5 2007	SUP: AMDT: **ORIG-A** DATED: **08-03-2006**

04 APPROVED

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AGIVE	AGIVE	010	IAF	IF		FB				
	AGIVE	POYOK	020		TF		FB	1.0	301.6(322T)	009.3	07000
	CAGEN	CAGEN	010	IAF	IF		FB				
	CAGEN	POYOK	020		TF		FB	1.0	121.2(141T)	009.3	07000
	POYOK	POYOK	010		HF	R	FB		211.4(231T)	007.0	07000
		POYOK	010	FACF	IF		FB				07000
		WADIN	011	SDF	TF		FB	0.5	211.4(231T)	007.5	04700
		RUBYO	020	FAF	TF		FB	0.5	211.4(231T)	007.5	02600
		KOYLE	030	MAP	TF		FO	0.3	211.0(231T)	005.8	00729

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	211.0(231T)		01058
	POYOK	050		DF	L	FO	1.0			07000
	POYOK	060		HM	R	FO	2.0	211.4(231T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGIVE	N644938.74	W1543559.26	N6449.646	W15435.988
	CAGEN	N650407.88	W1550316.47	N6504.131	W15503.275
	KOYLE	N644354.21	W1552724.97	N6443.904	W15527.416
	POYOK	N645653.94	W1544934.18	N6456.899	W15449.570
	RUBYO	N644732.03	W1551657.08	N6447.534	W15516.951
	WADIN	N645213.62	W1550318.01	N6452.227	W15503.300
	RW21	N644350.42	W1552735.85	N6443.840	W15527.598

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00658	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
RUBY, AK	ELEVATION: 658 TDZE: 658 AIRPORT NAME: RUBY	RNAV	RNAV (GPS) RWY 21, AMDT 1 JUL -5 2007	AMDT: ORIG-A DATED: 08-03-2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ORDAE (IAF)	HUDNO (NOPT) (FB)	105.97 / 5.01	1900
CEVMU (IAF)	HUDNO (NOPT) (FB)	286.25 / 5.01	1900
HUDNO (IF/IAF)	VUYUV (FB)	196.11 / 6.07	1900

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-13.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 1900 DIRECT JOXIX AND RIGHT TURN VIA 314.90 TRACK TO POYIT AND RIGHT TURN VIA 054.29 TRACK TO HUDNO AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 119 TREE 633027N/1620627W
CHART VDP AT 1.29 MILES TO RW20* *LNAV ONLY.
WAAS CHANNEL # 93602
REFERENCE PATH ID: W20A
CHART WAAS SYMBOL
DISTANCE TO THLD FROM 250 HAT: 0.71 NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N HUDNO, RT, 196.11 INBOUND, 1900 FT. IN LIEU OF PT (IAF)
3. FAC: 196.00 FAF: VUYUV DIST FAF TO MAP: 5.53 THLD: 5.53
4. MIN. ALT: HUDNO 1900, VUYUV 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: VUYUV OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 17E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | | # STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	338	1	250	338	1	250	338	1	250	338	1	250			
LNAV/VNAV DA	452	1 1/4	364	452	1 1/4	364	452	1 1/4	364	452	1 1/4	364			
LNAV MDA	520	1	432	520	1	432	520	1 1/4	432	520	1 1/2	432			
CIRCLING	520	1	422	560	1	462	560	1 1/2	462	660	2	562			

NOTES:
CHART NOTE: CIRCLING NA W OF RWY 2-20.
CHART NOTE: BARO-VNAV NA WHEN USING UNALAKLEET ALTIMETER SETTING.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE UNALAKLEET ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 120 FEET.
SEE 8260-10

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 98 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
ST MICHAEL, AK	AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG
			JUL -5 2007	DATED 07/07/2005

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 48C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WITH UNALAKLEET ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	106/30 CW 196/30 (NOPT)	106/13 CW 196/13	3200
	196/30 CW 286/30 (NOPT)	196/13 CW 286/13	4300
	106/13 CW 286/13	HUDNO (IF/IAF) (FB)	1900
2.	286/30 CW 016/30	286/6 CW 016/6	4600
	286/6 CW 016/6	CEVMU (IAF) (FB)	1900
3.	016/30 CW 106/30	016/8 CW 106/8	2500
	016/8 CW 106/8	ORDAE (IAF) (FB)	1900

CITY AND STATE	ELEVATION: 98 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
ST MICHAEL, AK	AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1 JUL -5 2007	AMDT: ORIG
				DATED: 07/07/2005

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

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	PAMK
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	632940.7080N
LTP/FTP LONGITUDE	1620613.4275W
LTP/FTP ELLIPSOIDAL HEIGHT	+00276
FPAP LATITUDE	632826.1200N
FPAP LONGITUDE	1620801.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	96E3C5D8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00184
FPAP ORTHOMETRIC HEIGHT	+00200

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
ST MICHAEL, AK	ELEVATION: 98 TDZE: 88 AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1 JUL -5 2007	AMDT: ORIG DATED: 07-07-2005

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

ARINC PACKET - 424-17

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANEAENRT   CEVMU PA0    W   L N63363856W161424135                    E0156     NAR          CEVMU
        SCANEAENRT   HUDNO PA0    W   L N63392255W161520531                    E0155     NAR          HUDNO
        SCANEAENRT   JOXIX PA0    W   L N63231724W162152608                    E0152     NAR          JOXIX
        SCANEAENRT   ORDAE PA0    W   L N63420592W162013108                    E0154     NAR          ORDAE
        SCANEAENRT   POYIT PA0    W   L N63340036W162281713                    E0151     NAR          POYIT
        SCANEAENRT   VUYUV PA0    W   L N63341824W161593034                    E0154     NAR          VUYUV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP SMK PAASMK     0     040YSN63292420W162063740E017000098         1800018000C    MNAR    STMICHAEL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP SMK PAFR20   ACEVMU 010CEVMUPAEA0E  A    IF                                          18000                A JS
        SCANP SMK PAFR20   ACEVMU 020HUDNOPAEA0EE   010TF                    28630050    + 01900                      A JS
        SCANP SMK PAFR20   AHUDNO 010HUDNOPAEA0EE CR   HF                    19610040    + 01900    18000             A JS
        SCANP SMK PAFR20   AORDAE 010ORDAEPAEA0E  A    IF                                          18000             A JS
        SCANP SMK PAFR20   AORDAE 020HUDNOPAEA0EE   010TF                    10600050    + 01900                      A JS
        SCANP SMK PAFR20   R      010HUDNOPAEA0E  I    IF                               + 01900    18000             A JS
        SCANP SMK PAFR20   R      020VUYUVPAEA0E  F 010TF                    19610061    + 01900                      A JS
        SCANP SMK PAFR20   R      030RW20 PAPG0GY M 031TF                    19600055      00111          -300        A JS
        SCANP SMK PAFR20   R      040JOXIXPAEA0E    051DF                                                          A JS
        SCANP SMK PAFR20   R      050POYITPAEA0E   R051TFY                  3149                                   A JS
        SCANP SMK PAFR20   R      060HUDNOPAEA0EY  R051TFY                  0543        + 01900                    A JS
        SCANP SMK PAFR20   R      070HUDNOPAEA0EE HR020HM                    19610040    + 01900                    A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SCANP SMK PAGRW20    0040011959 N63294071W162061343+0800          00066000045075

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 98 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
ST MICHAEL, AK	AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG
			JUL -5 2007	DATED: 07-07-2005

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```
SCANP SMK PAPR20    RW20 001 0000W20A0N6329407080W16206134275+002760300N6328261200W162080131001067515280000450F40050096E3C5D8
SCANP SMK PAPR20    RW20 002       +00200+00184W20A      93602          000
```

CITY AND STATE	ELEVATION: 98 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
ST MICHAEL, AK	AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG
			JUL -5 2007	DATED: 07-07-2005

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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEVMU	CEVMU	010	IAF	IF		FB				
	CEVMU	HUDNO	020		TF		FB	1.0	286.3(303T)	005.0	01900
	HUDNO	HUDNO	010		HF	R	FB		196.1(213T)	004.0	01900
	ORDAE	ORDAE	010	IAF	IF		FB				
	ORDAE	HUDNO	020		TF		FB	1.0	106.0(123T)	005.0	01900
		HUDNO	010	FACF	IF		FB				01900
		VUYUV	020	FAF	TF		FB	1.0	196.1(213T)	006.1	01900
		RW20	030	MAP	TF		FO	0.3	196.0(213T)	005.5	00111

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOXIX	040		DF		FB	0.5			
	POYIT	050		TF	R	FB	0.5	314.9(332T)		
	HUDNO	060		TF	R	FO	0.5	054.3(071T)		01900
	HUDNO	070		HM	R	FO	2.0	196.1(213T)	004.0	01900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEVMU	N633638.56	W1614241.35	N6336.643	W16142.689
	HUDNO	N633922.55	W1615205.31	N6339.376	W16152.089
	JOXIX	N632317.24	W1621526.08	N6323.287	W16215.435
	ORDAE	N634205.92	W1620131.08	N6342.099	W16201.518
	POYIT	N633400.36	W1622817.13	N6334.006	W16228.286
	VUYUV	N633418.24	W1615930.34	N6334.304	W16159.506
	RW20	N632940.71	W1620613.43	N6329.679	W16206.224

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW20	00066	45

CITY AND STATE	ELEVATION: 98 TDZE: 88	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
ST MICHAEL, AK	AIRPORT NAME: ST MICHAEL	RNAV	RNAV (GPS) RWY 20, AMDT 1	AMDT: ORIG-A
			JUL -5 2007	DATED: 07-07-2005

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KEOLA	GECKO (FB)	110.96 / 11.95	5000
GECKO (IAF)	RCHEW (FB)	074.68 / 13.13	2000
JULLE	LUYEV (FB)	268.73 / 23.58	5000
LUYEV (IAF)	RCHEW (FB)	325.25 / 11.92	2000
RCHEW (IF)	PERLY (FB)	041.97 / 6.00	1500

MISSED APPROACH

LNAV: FALOS

CLIMBING RIGHT TURN TO 5000 DIRECT LUYEV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 268.73 INBOUND.
CHART FAS OBST: 208 SHIP 211530N/1575845W
PERLY TO RW04R: 3.04/55

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT RCHEW
3. FAC: 042.00 FAF: PERLY DIST FAF TO MAP: 3.46 THLD: 4.46
4. MIN. ALT: RCHEW 2000, PERLY 1500
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: FALOS 5300

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY ======>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	460	3/4	451	460	3/4	451	460	3/4	451	460	1	451	460	1	451
CIRCLING	620	1 1/4	607	620	1 1/4	607	620	1 3/4	607	820	2 1/2	807	1500	3	1487

NOTES:
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTES: DME/DME RNP-0.3NA.
FOR INOPERATIVE MALSR INCREASE CAT E VISIBILITY TO 1 1/2.
CAT A, B, C CIRCLING NA NW OF AIRPORT BETWEEN RWYS 8L-26R AND 4L-22R.
CAT D, E CIRCLING NA N OF RWY 8L-26R.

@ CAT D 900-2 1/2, CAT E 1500-3

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHE IN TL07-13.

CITY AND STATE	ELEVATION: 13 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RWY 04R
HONOLULU, HI	AIRPORT NAME: HONOLULU INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1	AMDT: ORIG
			JUL -5 2007	DATED 06/13/2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC PACKET - 424-15

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACEAENRT   FALOS PH0    W   L N21181389W157562902                    E0098    NAW          FALOS
          SPACEAENRT   GECKO PH0    W  RB N21113210W158183521                    E0097    NAW          GECKO
          SPACEAENRT   LUYEV PH0    W   L N21013405W157592589                    E0097    NAW          LUYEV
          SPACEAENRT   JULLE PH0    W  RB N20573578W157343529                    E0097    NAW          JULLE
          SPACEAENRT   KEOLA PH0    W  RB N21175324W158292589                    E0097    NAW          KEOLA
          SPACEAENRT   PERLY PH0    W   L N21160867W157592636                    E0098    NAW          PERLY
          SPACEAENRT   RCHEW PH0    W   L N21123107W158043416                    E0098    NAW          RCHEW

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACP HNL PHAHNL     0     123YHN21190729W157552067E011000013          1800018000C    MNAW    HONOLULU INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACP HNL PHFP04RY AJULLE 010JULLEPHEA0E       IF                                          18000                G  S
          SPACP HNL PHFP04RY AJULLE 020LUYEVPHEA0E  A    TF                   26870236    + 05000                         G  S
          SPACP HNL PHFP04RY AJULLE 030RCHEWPHEA0EE      TF                   32530119    + 02000                         G  S
          SPACP HNL PHFP04RY AKEOLA 010KEOLAPHEA0E       IF                                          18000                G  S
          SPACP HNL PHFP04RY AKEOLA 020GECKOPHEA0E  A    TF                   11100120    + 05000                         G  S
          SPACP HNL PHFP04RY AKEOLA 030RCHEWPHEA0EE      TF                   07470131    + 02000                         G  S
          SPACP HNL PHFP04RY P      010RCHEWPHEA0E  I    IF                               + 02000    18000                G  S
          SPACP HNL PHFP04RY P      020PERLYPHEA0E  F    TF                   04200060    + 01500              FALOS PHEAG  S
          SPACP HNL PHFP04RY P      030FALOSPHEA0EY M    TF                   04200035      00063        -304               G  S
          SPACP HNL PHFP04RY P      040          0  M  010CA                  0420        + 00413                         G  S
          SPACP HNL PHFP04RY P      050LUYEVPHEA0EY  R010DF                              + 05000                         G  S
          SPACP HNL PHFP04RY P      060LUYEVPHEA0EE HR020HM                   26870050    + 05000                         G  S

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SPACP HNL PHGRW04R   0090000420 N21185011W157553769              00008000055150

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
```

CITY AND STATE	ELEVATION: 13 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RW 04R
HONOLULU, HI	AIRPORT NAME: HONOLULU INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1	AMDT: ORIG
			JUL - 5 2007	DATED: 06-13-2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

SPACP HNL PHSFALOSPHEA 0 25180053 M

CITY AND STATE	ELEVATION: 13 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP: RNAV (GPS) RW 04R
HONOLULU, HI	AIRPORT NAME: HONOLULU INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1	AMDT: ORIG
			JUL - 5 2007	DATED: 06-13-2002

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JULLE	JULLE	010		IF		FB				
→	JULLE	LUYEV	020	IAF	TF		FB		268.7(280T)	023.6	05000
	JULLE	RCHEW	030		TF		FB		325.3(336T)	011.9	02000
	KEOLA	KEOLA	010		IF		FB				
	KEOLA	GECKO	020	IAF	TF		FB		111.0(122T)	012.0	05000
	KEOLA	RCHEW	030		TF		FB		074.7(086T)	013.1	02000
		RCHEW	010	FACF	IF		FB				02000
		PERLY	020	FAF	TF		FB		042.0(053T)	006.0	01500
		FALOS	030	MAP	TF		FO		042.0(053T)	003.5	00063

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	042.0(053T)		00413
→	LUYEV	050		DF	R	FO	1.0			05000
	LUYEV	060		HM	R	FO	2.0	268.7(280T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FALOS	N211813.89	W1575629.02	N2118.232	W15756.484
→	GECKO	N211132.10	W1581835.21	N2111.535	W15818.587
	LUYEV	N210134.05	W1575925.89	N2101.568	W15759.432
	JULLE	N205735.78	W1573435.29	N2057.596	W15734.588
	KEOLA	N211753.24	W1582925.89	N2117.887	W15829.432
	PERLY	N211608.67	W1575926.36	N2116.145	W15759.439
	RCHEW	N211231.07	W1580434.16	N2112.518	W15804.569
	RW04R	N211850.11	W1575537.69	N2118.835	W15755.628

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04R	00008	55

CITY AND STATE	ELEVATION: 13 TDZE: 9	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: RNAV (GPS) RW 04R
HONOLULU, HI	AIRPORT NAME: HONOLULU INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1	AMDT: ORIG
			JUL - 5 2007	DATED: 06-13-2002

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KEOLA (40E)	GECKO (TF) (FB) (RNP 2.00) (40E) (43A)	110.96/11.95	5000
GECKO (IAF) (40E) (43A)	RCHEW (TF) (FB) (RNP 1.00) (40E) (41E)	074.68/13.13	2000
JULLE (40E)	LUYEV (TF) (FB) (RNP 2.00) (40E) (43A)	268.73/23.58	5000
LUYEV (IAF) (40E) (43A)	RCHEW (TF) (FB) (RNP 1.00) (40E) (41E)	325.25/11.92	2000
RCHEW (IF) (40E) (43I)	PERLY (TF) (FB) (RNP 0.50) (40E) (43F)	041.97/6.00	1500
PERLY (FAF) (40E) (43F)	RW04R (TF) (FO) (40G) (41Y) (43M)	042.00/4.46	
RW04R (MAP) (40G) (41Y) (43M)	LUYEV (DF) (FO) (40E) (41E) (43H)		5000

MISSED APPROACH

MAP: DA

CLIMBING RIGHT TURN TO 5000 DIRECT LUYEV AND HOLD

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 268.73 INBOUND

DIST TO THLD FROM 649 HAT:1.87 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A, S
#TCH: 63.5 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT RCHEW
3. FAC: 042.00 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: RCHEW 2000
5. DIST TO THLD FROM OM: 4.46 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: PERLY 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.4# 34:1 IS CLEAR
8. MSA FROM: RW04R 5300

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA	658	1 3/4	649	658	1 3/4	649	658	1 3/4	649	658	1 3/4	649			

NOTES: CHART NOTES: GPS REQUIRED.
FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 16C (60F) OR ABOVE 48C (119F).
FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY TO 2 1/4.

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL07-13.

CITY AND STATE	ELEVATION: 13 TDZE: 9 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
HONOLULU, HI	HONOLULU INTL	RNAV	JUL - 5 2007 RNAV (RNP) Z RWY 4R, ORIG	AMDT: NONE DATE

FAA FORM 8260 - 3 / December 2002 (computer generated)

CA APPROVED A

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR OR TACAN 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
SOK VORTAC	LYDAT INT/LIH 6.00 DME	086.62 / 12.91	4500
LIH VORTAC	LYDAT INT/LIH 6.00 DME	147.99 / 6.00	4500
HUPUK/24.00 DME (IAF)	NAPUA INT/LIH 14.66 DME	290.61 / 5.32 (SOK R-111)	3500
NAPUA INT/LIH 14.66 DME (IF)	LYDAT INT/LIH 6.00 DME	327.99 / 8.66 (R-148)	2000

MISSED APPROACH

MAP: 5.20 MILES AFTER LYDAT INT/LIH 6.00 DME OR AT UWEHE/0.80 DME FIX

CLIMBING RIGHT TURN TO 3000 VIA HEADING 100 AND LIH VORTAC R-070 TO KREEN/12.00 DME/RADAR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 250.07 INBOUND.
CHART FAS OBST: 339 TREE 215644N/1592060W
CHART VDP AT 1.55 DME;
DISTANCE VDP TO THLD 1.42 MILES.
CHART 3500 PRIOR TO LYDAT IN PROFILE.
CHART APT ELEV 153.
FAC CROSSES RWY C/L EXTENDED 1427 FROM THLD.
LYDAT TO RW35: 2.97/55

1. PT L SIDE OF COURSE 147.99 OUTBOUND 2000 FT WITHIN 15 MILES OF LYDAT (IAF)
2.
3. FAC 327.99 FAF LYDAT INT/LIH 6.00 DME DIST FAF TO MAP 5.20 THLD 5.87
4. MIN. ALT LYDAT 2000
8. MSA FROM: LIH VORTAC 360-230 3500, 230-360 6500

MAG VAR: 11E EPOCH YEAR:1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	600	1	504	600	1	504	600	1 1/2	504	600	1 1/2	504	600	1 3/4	504
CIRCLING	600	1	447	620	1	467	620	1 1/2	467	720	2	567	720	2	567

NOTES: THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL07-13.

CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
CHART NOTE: DME OR RADAR REQUIRED.

CITY AND STATE	ELEVATION: 153 TDZE: 96	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP VOR/DME OR TACAN OR GPS
LIHUE, HI	AIRPORT NAME: LIHUE	LIH	VOR OR TACAN RWY 35, AMDT 7	AMDT 6
			JUL - 5 2007	DATE 02/09/1989

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

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GRAIL (40E)	OLOYI (TF) (FB) (RNP 1.00) (40E)	328.54/15.05	4000
OLOYI (40E)	MAHAO (TF) (FB) (RNP 1.00) (40E) (43A)	328.51/16.55	4000
MAHAO (IAF) (40E) (43A)	ANUYA (TF) (FB) (RNP 1.00) (40E) (41E)	304.12/10.00	2800
ANUYA (IF)(40E) (43I)	OPORE (TF) (FB) (RNP 0.50) (40E) (43F)	214.07/6.50	1900
OPORE (FAF) (40E) (43F)	RW21 (TF) (FO) (40G) (41Y) (43M)	214.03/5.46	
RW21 (MAP) (40G) (41Y) (43M)	OLOYI (DF) (FO) (40E) (41E) (43H)		3000

MISSED APPROACH

MAP: DA

CLIMBING LEFT TURN TO 3000 DIRECT OLOYI AND HOLD

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 328.54 INBOUND

DIST TO THLD FROM 545 HAT: 1.66 NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: A,S
#TCH: 135.3 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ANUYA
3. FAC: 214.03 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ANUYA 2800
5. DIST TO THLD FROM OM: 5.46 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: OPORE 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0# 34:1 IS CLEAR
8. MSA FROM: RW21 6500

MAG VAR: 11E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY ======>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.30 DA *	663	2	545	663	2	545	663	2	545	663	2	545			
RNP 0.30 DA	1078	4	960	1078	4	960	1078	4	960	1078	4	960			

NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 14C (57F) OR ABOVE 48C (119F). *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 350 FEET PER NM TO 2500.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRAIL VIA V16 SOUTHEAST BOUND AND AT OLOYI VIA V15 SOUTHEAST BOUND.

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL07-13.

CITY AND STATE	ELEVATION: 153 TDZE: 118	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LIHUE, HI	AIRPORT NAME: LIHUE	RNAV	JUL -5 2007 RNAV (RNP) Z RWY 21, ORIG	AMDT: NONE
				DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SYI VOR/DME	ATKNS INT/I-UQU 15.29 DME/RADAR	323.10 / 25.11 (BNA LR-187)	2800
ATKNS INT/I-UQU 15.29 DME/RADAR (IAF)	LOUDN/I-UQU 12.22 DME/RADAR	019.99 / 3.07 (I-UQU)	2800*
LOUDN/I-UQU 12.22 DME/RADAR (IF)	UNIVE/I-UQU 8.81 DME/RADAR	019.99 / 3.41 (I-UQU)	2500*
UNIVE/I-UQU 8.81 DME/RADAR	SKAGS/I-UQU 6.21 DME/RADAR	019.99 / 2.60 (I-UQU)	2200

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-13

MISSED APPROACH

LOC: 4.80 MILES AFTER SKAGS/I-UQU 6.21 DME/RADAR OR AT I-UQU 1.41 DME FIX
ILS: DA

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 VIA BNA R-072 TO LENON INT/BNA 25.13 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 DIRECT SYI VOR/DME AND HOLD S, LT, 016.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 251.53 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S SYI VOR/DME, LT, 016.00 INBOUND.
CHART FAS OBST: 819 TREE 360256N/0864202W
CHART 979 TREE, 360157N/0864126W.
CHART IN PLANVIEW: BNA R-195 AT ATKNS
CHART LOC RWY 2C.
CHART VDP AT 2.71 DME;
DISTANCE VDP TO THLD 1.29 MILES.
CHART IN PLANVIEW: SYI VOR/DME.
CHART SYI VOR/DME 25.11 DME AT ATKNS
CHART LOC RWY 2L

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. PROFILE STARTS AT ATKNS
3. FAC: 019.99 FAF: SKAGS/I-UQU 6.21 DME/RADAR DIST FAF TO MAP: 4.80 THLD: 4.80
4. MIN. ALT: ATKNS 2800, LOUDN 2800*, UNIVE 2500*, SKAGS 2200
5. DIST TO THLD FROM OM: 4.80 MM: 0.45 IM: 858 150 HAT: - 100 HAT: 780 GS ANT: 1208
6. MIN GS INCPT: 2200 GS ALT AT: SKAGS 2200 OM: - MM: 789 IM: 690
7. GS ANGLE: 3.00 TCH: 59.4
8. MSA FROM: BNA VORTAC 3100

MAG VAR: 2W EPOCH YEAR: 1995

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 2R	790	1800	200	790	1800	200	790	1800	200	790	1800	200			
S-LOC 2R	1080	2400	490	1080	2400	490	1080	4000	490	1080	5000	490			
CIRCLING [3]	1080	1	481	1080	1	481	1120	1 1/2	521	1160	2	561			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 2R: DA 690 MSL, 116 RA, RVR 1200, HAT 100; CAT A, B, C, D.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS 2R: CAT IIIA RVR 700; CAT A, B, C, D. CAT IIIB RVR 600; CAT A, B, C, D. CAT IIIC NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 599 TDZE: 590	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS RWY 2R
NASHVILLE, TN	AIRPORT NAME: NASHVILLE INTL	I-UQU	ILS OR LOC RWY 2R, AMDT 6 ILS RWY 2R (CAT II), ILS RWY 2R (CAT III) 5 JUL 2007	AMDT: 5B DATED 12/14/1999

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 2L.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW AND PROFILE NOTE: *WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT LOUDN, 4000 OR UNIVE, 3000. CHART PROFILE NOTE: USE I-UQU DME WHEN ON THE LOCALIZER COURSE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
NASHVILLE, TN	**ELEVATION: 599 TDZE: 590** AIRPORT NAME: **NASHVILLE INTL**	**I-UQU**	**ILS OR LOC RWY 2R, AMDT 6** **ILS RWY 2R (CAT II), ILS RWY 2R (CAT III)** 5 JUL 2007	SUP: **ILS RWY 2R** AMDT: **5B** DATED: **12/14/1999**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BNA VORTAC	ONUGE/BNA 13.31 DME/RADAR	136.02 / 13.31	4000*
SYI VOR/DME (IAF)	ONUGE/BNA 13.31 DME/RADAR (NOPT)	355.59 / 25.30 (BNA LR-145)	4000*
ONUGE/BNA 13.31 DME/RADAR (IF/IAF)	HOLER/BNA 7.22 DME/RADAR	315.32 / 6.09 (I-PNO)	2600

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 07-13

MISSED APPROACH

ILS: DA
LOC: 6.08 MILES AFTER HOLER/BNA 7.22 DME/RADAR

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA BNA R-270 TO BEVEE INT/BNA 22.36 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 4000 VIA GHM R-060 TO VOLUY INT/GHM 24.51 DME AND HOLD NE, RT, 240.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 089.61 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD NE VOLUY INT/GHM 24.51 DME, RT, 240.00 INBOUND.
CHART FAS OBST: 752 TREE 360555N/0863824W
CHART AYERS OM SUBDUED.
CHART SMYRNA MM, OM AND SWZ NDB SUBDUED.
CHART SMYRNA AIRPORT.
CHART IN PLANVIEW: VOLUY INT/GHM 24.51 DME.
CHART IN PLANVIEW: BNA R-136 AT ONUGE
CHART TDZE 577
CHART SYI VOR/DME 25.30 DME AT ONUGE

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ONUGE, RT, 316.02 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 315.32 FAF: HOLER/BNA 7.22 DME/RADAR DIST FAF TO MAP: 6.08 THLD: 6.08
4. MIN. ALT: ONUGE 4000*, HOLER 2600
5. DIST TO THLD FROM OM: 6.08 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1050
6. MIN GS INCPT: 2600 GS ALT AT: HOLER 2600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 52.1
8. MSA FROM: BNA VORTAC 3100

MAG VAR: 2W EPOCH YEAR: 1995

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	777	3/4	200	777	3/4	200	777	3/4	200	777	3/4	200			
S-LOC 31	1020	1	443	1020	1	443	1020	1 1/4	443	1020	1 1/2	443			
CIRCLING	1080	1	481	1080	1	481	1120	1 1/2	521	1160	2	561			

NOTES:
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: SMYRNA AIRPORT OM AND MM FOR RWY 32 MAY BE RECEIVED PRIOR TO HOLER.
CHART PLANVIEW AND PROFILE NOTE: *3000 WHEN ASSIGNED BY ATC.
CHART PROFILE NOTE: USE I-PNO DME WHEN ON THE LOCALIZER COURSE.

CITY AND STATE	ELEVATION: 599 TDZE: 577	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS RWY 31
NASHVILLE, TN	AIRPORT NAME: NASHVILLE INTL	I-PNO	ILS OR LOC RWY 31, AMDT 8 5 JUL 2007	AMDT: 7A DATED 11/16/1989

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30553 Amdt. No. 3221]

Standard Instrument Approach Procedures, Weather Takeoff Minimums; Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final rule.

SUMMARY: This amendment establishes, amends, suspends, or revokes Standard Instrument Approach Procedures (SIAPs) and/or Weather Takeoff Minimums 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, addition of new obstacles, or changes in 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 and/or Weather Takeoff Minimums 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.

For Purchase- Individual SIAP and Weather Takeoff Minimums 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.

By Subscription- Copies of all SIAPs and Weather Takeoff Minimums mailed once every 2 weeks, are for sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation

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

SUPPLEMENTARY INFORMATION: This amendment to Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), establishes, amends, suspends, or revokes SIAPs and/or Weather Takeoff Minimums. The complete regulatory description of each SIAP and/or Weather Takeoff Minimums is contained in official 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 identified as FAA Forms 8260-3, 8260-4, 8260-5 and 8260-15A. Materials incorporated by reference are available for examination or purchase as stated above.

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

THE RULE

This amendment to 14 CFR part 97 is effective upon publication of each separate SIAP and/or Weather Takeoff Minimums as contained in the transmittal. Some SIAP and/or Weather Takeoff Minimums amendments may have been previously issued 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/or Weather Takeoff Minimums amendments may require making them effective in less than 30 days. For the remaining SIAPs and/or Weather Takeoff Minimums, an effective date at least 30 days after publication is provided.

Further, the SIAPs and/or Weather Takeoff Minimums 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/or Weather Takeoff Minimums, 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 and/or Weather Takeoff Minimums and safety in air commerce, I find that notice and public procedure before adopting these SIAPs and/or Weather Takeoff Minimums are impracticable and contrary to the public interest and, where applicable, that good cause exists for making some SIAPs and/or Weather Takeoff Minimums effective in less than 30 days.

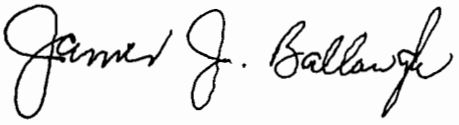
CONCLUSION

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 June 1, 2007



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 Weather Takeoff Minimums effective at 0901 UTC on the dates specified, as follows:

Part 97-- Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

ADOPTION OF THE AMENDMENT

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

Part 97 -- Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 05 July 2007

Adak Island, AK, Adak, Takeoff Minimums and Textual DP, Amdt 1
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 7L, Amdt 6A
Washington, DC, Washington Dulles Intl, CONVERGING ILS RWY 12, Amdt 5
Daytona Beach, FL, Daytona Beach Intl, ILS OR LOC RWY 7L, Amdt 30
Oxford, ME, Oxford County Regional, Takeoff Minimums and Obstacle DP, Amdt 1
Bemidji, MN, Bemidji Regional, LOC/DME RWY 25, Orig
Charleston, WV, Yeager, ILS OR LOC RWY 5, Amdt 5
Charleston, WV, Yeager, ILS OR LOC RWY 23, Amdt 29
Charleston, WV, Yeager, Takeoff Minimums and Textual DP, Amdt 6

Effective 02 Aug 2007

Guntersville, AL, Guntersville Muni-Joe Starnes Field, Takeoff Minimums and Obstacle DP, Amdt 1
Milton, FL, Peter Prince Fld, RNAV (GPS) RWY 36, Orig
Milton, FL, Peter Prince Fld, GPS RWY 36, Amdt 1, CANCELLED
Panama City, FL, Panama City-Bay Co Intl, Takeoff Minimums and Obstacle DP, Amdt 1
Bemidji, MN, Bemidji Regional, Takeoff Minimums and Textual DP, Amdt 3
Mocksville, NC, Twin Lakes, Takeoff Minimums and Obstacle DP, Orig
Williamston, NC, Martin County, Takeoff Minimums and Obstacle DP, Orig
Barnwell, SC, Barnwell Rgnl, Takeoff Minimums and Obstacle DP, Amdt 2
Darlington, SC, Darlington County Jetport, RNAV (GPS) RWY 5, Orig
Darlington, SC, Darlington County Jetport, GPS RWY 5, Orig, CANCELLED
Lancaster, SC, Lancaster County-Mc Whirter Field, VOR/DME-A, Orig
Portland, TN, Portland Muni, Takeoff Minimums and Textual DP, Orig

Effective 30 Aug 2007

Lake Providence, LA, Byerley, NDB RWY 17, Amdt 2, CANCELLED
Weatherford, OK, Thomas P. Stafford, NDB RWY 17, Amdt 3, CANCELLED
Middleton, WI, Middleton Muni-Mory Field, RNAV (GPS) RWY 28, Amdt 1
Sheboygan, WI, Sheboygan County Memorial, RNAV (GPS) RWY 3, Amdt 1
Sheboygan, WI, Sheboygan County Memorial, RNAV (GPS) RWY 21, Amdt 1

The FAA published the following Amendment in Docket No. 30551 Amdt No. 3219 to Part 97 of the Federal Aviation Regulations (Vol 72, FR No. 104, page 30256, dated, May 31, 2007) Under Section 97.15 effective July 5, 2007, which is hereby corrected to be effective for August 30, 2007

Newport News, VA, Williamsburg Intl, Takeoff Minimums and Obstacle DP, Orig

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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) DEPARTURE PROCEDURE:

RWY 5 - CLIMB VIA 054 BEARING FROM ADK NDB/DME TO 4400, THEN CLIMBING RIGHT TURN TO 6000 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 FOR ROUTE OF FLIGHT, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADK NDB/DME AT OR ABOVE 4300 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 6000 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 FOR ROUTE OF FLIGHT, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS ADK NDB/DME AT OR ABOVE 4300 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

RWY 5: 2695 MSL AAO 515123.20/1762139.90, 4124 MSL AAO 515621.10/1764426.50.
RWY 23: 1808 MSL AAO 515006.00/1764436.00, 4124 MSL AAO 515621.10/1764426.50, 310 MSL BUSH 515224.99/1764020.37, 507 MSL BUSH 515203.13/1764205.97, 504 MSL BUSH 515141.53/1764219.48.
RWY 5/23 (VCOA): 3399 MSL AAO 515535.83/1764353.33.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
ADAK ISLAND, AK	ADAK	JUL 5 2007	1

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SMO VOR/DME	WAKER INT	259.00 / 18.83	5100
FIM VORTAC	WAKER INT	158.00 / 19.62	5100
WAKER INT (IAF)	STEMS INT/21.96 DME	158.00 / 8.25 (FIM R-158) (LAX LR-255)	3000
EXERT INT (IAF)	STEMS INT/21.96 DME	024.00 / 1.14 (HDG) & 068.99 / .95 (I-IAS)	3000
STEMS INT/21.96 DME	FEKIL INT/13.16 DME	068.99 / 8.79 (I-IAS)	2800
TANDY INT (IAF)	MERMA INT	328.00 / 9.34 (FIM R-148)	2800
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: 5.02 MILES AFTER TURKA OR AT I-IAS 2.13 DME FIX

CLIMB TO 2000 VIA LAX VORTAC R-068 TO CITON INT/LAX 4.00 DME THEN CLIMB TO 3500 VIA LAX VORTAC R-068 TO DOWNE INT/LAX 15.50 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500; OR WHEN DIRECTED BY ATC CLIMB TO 2000 VIA HEADING 069 UNTIL PASSING SMO R-113 THEN CLIMB TO 3500 AND INTERCEPT SLI R-327 TO DOWNE INT/ SLI 11.38 DME AND HOLD SE, RT, 327.39 INBOUND. CONTINUE CLIMB-IN-HOLD TO 3500.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 248.00 INBOUND.
CHART FAS OBST: 203 ANT ON OL POLE 335602N/1182555W
CHART VDP AT 3.21 DME;
DISTANCE VDP TO THLD 1.08 MILES.
CHART (ACISU) AT INTERSECTION OF EXERT DR LEG AND INTERMEDIATE COURSE
CHART (DITDA) AT INTERSECTION OF MERMA DR LEG AND INTERMEDIATE COURSE
CHART LOC RWY 6L/R
DO NOT CHART: ALTERNATE MA HOLDING AT DOWNE

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT STEMS
3. FAC: 068.99 FAF: TURKA INT/7.15 DME DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: STEMS 3000, FEKIL 2800, TURKA 1800*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1074
6. MIN GS INCPT: 2800 ' GS ALT AT: TURKA 1800 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 59.4
8. MSA FROM: LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700

MAG VAR: 14E EPOCH YEAR: 1980

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 7L	328	1800	202	328	1800	202	328	1800	202	328	1800	202			
S-LOC 7L	520	2400	394	520	2400	394	520	2400	394	520	4000	394			
SIDESTEP 7R	520	5000	392	520	5000	392	520	5000	392	520	1 1/2	392			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7R CATS A ANB B.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L/R.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EXERT VIA V-25 WESTBOUND.
*LOC ONLY
CHART PROFILE NOTE: #1800 WHEN AUTHORIZED BY ATC.

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO.:	
LOS ANGELES, CA	ELEVATION: 126 TDZE: 7L 126 TDZE: 7R 128 LOS ANGELES INTL	I-IAS	ILS OR LOC RWY 7L, AMDT 6A JUL - 5 2007	SUP: AMDT: 6 DATED05/10/2007

FAA FORM 8260 - 3 / December 2002 (computer generated)

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

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MERMA INT (IAF)	FEKIL INT/13.16 DME	024.00 / .81 (HDG) & 068.99 / 3.21 (I-IAS)	2800
FEKIL INT/13.16 DME (IF)	TURKA INT/7.15 DME	068.99 / 6.01 (I-IAS)	1800*

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
LOS ANGELES, CA	ELEVATION: 126 TDZE: 7L 126 TDZE: 7R 128 AIRPORT NAME: LOS ANGELES INTL	I-IAS	ILS OR LOC RWY 7L, AMDT 6A JUL -5 2007	AMDT: 6 DATED: 05/10/2007

FAA FORM 8260-18 / MARCH 2006 (Supersedes Previous Edition)

3 OF 3 PAGES

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KNUCK INT/AML 16.34 DME (IF)	JETMO/AML 5.39 DME	120.63 / 10.94 (I-AJU)	1700

MISSED APPROACH

ILS: DA

CLIMBING RIGHT TURN TO 4000 VIA AML VORTAC R-256 TO BLUES INT/AML 22.27 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 076.21 INBOUND.
CHART LOC RWY 19R.
CHART LOC RWY 19L

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KNUCK INT/AML 16.34 DME
3. FAC: 120.63 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: KNUCK 4500, JETMO 1700
5. DIST TO THLD FROM OM: 4.16 MM: 0.46 IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 1700 GS ALT AT: JETMO/AML 5.39 DME 1700 OM: - MM: 505 IM: -
7. GS ANGLE: 3.00 TCH: 49.4
8. MSA FROM: AML VORTAC 360-180 2500, 180-360 3400

MAG VAR: 10W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 12	910	1 1/2	600	910	1 1/2	600	910	1 1/2	600	910	1 1/2	600			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 12 VISIBILITY TO 2 MILES ALL CATS.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS CONVERGING APPROACHES ARE AUTHORIZED WITH RWYS 19L OR 19R.

CITY AND STATE	ELEVATION: 312 TDZE: 310	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WASHINGTON, DC	AIRPORT NAME: WASHINGTON DULLES INTL	I-AJU	CONVERGING ILS RWY 12, AMDT 5 JUL -5 2007	AMDT: 4 DATED 03/20/2003

U.S. Department of Transportation
Federal Aviation Administration

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OMN VORTAC	HANAV/OMN 16.00 DME	260.00/16.00	1600
HANAV CCW (IAF)	TIGAE INT	16.00 DME ARC (OMN LR-223)	1600
MIKBE/OMN 18.00 DME CW (IAF)	WAMAL INT	18.00 DME ARC (OMN LR-212)	1700
WAMAL	TIGAE	070.22/2.26 (I-DAB)	1600
TIGAE	TOMOK INT	070.22/8.27 (I-DAB)	1600

MISSED APPROACH

ILS: AT THE DH. LOC: **4.16** MILES AFTER **TOMOK INT**

CLIMB TO 1600 VIA I-DAB E COURSE TO OCCUR INT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 250.23 INBOUND.
CHART FAS OBST: 149 TREE 290840N/0810754W
CHART 370 TOWER 290813N/0810838W
CHART: OMN R-260 AT HANAV, OMN R-161 AT MIKBE.
CHART: DELAND MUNI-SIDNEY H. TAYLOR FIELD.
CHART: ASR.
CHART PLANVIEW NOTE: RADAR OR DME REQUIRED.

1. PT **NA** SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT WAMAL**
3. FAC: **070.22** FAF: **TOMOK** DIST FAF TO MAP: **4.16** THLD: **4.16**
4. MIN. ALT: **WAMAL 1700, TIGAE 1600, TOMOK 1600**
5. DIST TO THLD FROM OM: **4.16** MM: **-** IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: **1097**
6. MIN GS INCPT: **1600** GS ALT AT: **TOMOK 1427** OM: ____ MM: **-** IM: **-**
7. GS ANGLE: **3.00** TCH: **58.0**
8. MSA FROM: **OMN VORTAC 2800**

MAG VAR: **5W** EPOCH YEAR: **00**

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 7L	230	4000	200	230	4000	200	230	4000	200	230	4000	200			
S-LOC 7L	400	4000	370	400	4000	370	400	4000	370	400	4000	370			
CIRCLING	540	1	506	540	1	506	540	1 1/2	506	620	2	586			

NOTES: **CHART NOTES: VISIBILITY REDUCTION BY HELICOPTERS NA.** **#NA WHEN LOCAL WEATHER NOT AVAILABLE.**
IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE ORMOND BEACH ALTIMETER SETTING AND INCREASE DA TO 274 FEET, AND ALL MDAs 20 FEET. INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 7L. FOR INOPERATIVE MALSR INCREASE S-LOC 7L CATs A, B, AND C VISIBILITY TO RVR 5000.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 34 TDZE: 30 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: ILS RWY 7L
DAYTONA BEACH, FL	**DAYTONA BEACH INTL**	**I-DAB**	5 JUL 2007 **ILS OR LOC RWY 7L, AMDT 30**	AMDT: **29** DATE **12/25/2003**

APPROVED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 600-3 OR STANDARD WITH MINIMUM CLIMB OF 705 FEET PER NM TO 800, OR 1,800-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 33, STANDARD WITH MINIMUM CLIMB OF 475 FEET PER NM TO 2,000, OR 1,800-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 15 - CLIMB HEADING 148.50 TO 1,300 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS OXFORD COUNTY REGIONAL AIRPORT AT OR ABOVE 2,000 BEFORE PROCEEDING ON COURSE.
RWY 33 - CLIMB HEADING 328.51 TO 2,000 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS OXFORD COUNTY REGIONAL AIRPORT AT OR ABOVE 2,000 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, MULTIPLE TREES BEGINNING 3,607' FROM DER, 572' LEFT OF CENTERLINE, UP TO 100' AGL/679' MSL. MULTIPLE AAO'S BEGINNING 1.7 NM FROM DER, 1,478' LEFT OF CENTERLINE, UP TO 200' AGL/849' MSL.
NOTE: RWY 33, MULTIPLE TREES BEGINNING 4,121' FROM DER, 70' LEFT OF CENTERLINE, UP TO 100' AGL/499' MSL. MULTIPLE TREES BEGINNING 5,446' FROM DER, 239' RIGHT OF CENTERLINE, UP TO 100' AGL/719' MSL. MULTIPLE AAO'S BEGINNING 1.6 NM FROM DER, 393' RIGHT OF CENTERLINE, UP TO 200' AGL/1,079' MSL.

(4) CONTROLLING OBSTACLES:

RWY 15: 679 MSL TREES 440901.00N-0702747.00W. 849 MSL AAO 440831.00N-0702627.00W.
RWY 33: 6488 MSL AAO 411613.00N-0711812.00W.
RWY 15, 33: (VCOA) 1,069 MSL AAO 441135.00N-0702852.00W. 2,025 MSL TOWER 441503.25N-0702514.21W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
OXFORD, ME	OXFORD COUNTY REGIONAL	JUL - 5 2007	1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME 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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CADAR/I-BJI 14.44 DME (IF)	BODAC/I-BJI 6.31 DME	250.00 / 8.12 (I-BJI)	3100

MISSED APPROACH

MAP: RW25 OR AT I-BJI 1.12 DME FIX

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 3100 DIRECT BJI VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3400 VIA HEADING 250.00 AND PKD VOR/DME R-359 TO CELIS/PKD 30.00 DME AND HOLD S, RT, 358.64 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 133.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S CELIS/PKD 30.00 DME, RT, 358.64 INBOUND.
CHART FAS OBST: 1442 TREE 473039N/0945451W
CHART 1842 TOWER 473110N/0944804W.
CHART BEAVER MOA.
CHART VDP AT 1.99 DME;
DISTANCE VDP TO THLD 0.86 MILES.
CHART IN PLANVIEW: CELIS/PKD 30.00 DME.
BODAC TO RW25: 3.04/47.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CADAR/I-BJI 14.44 DME
3. FAC 250.00 FAF BODAC/I-BJI 6.31 DME DIST FAF TO MAP ____ THLD 5.19
4. MIN. ALT CADAR 3100, BODAC 3100
8. 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 [X]

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-25	1700	1	311	1700	1	311	1700	1	311	1700	1	311			
CIRCLING	1840	1	450	1840	1	450	1840	1 1/2	450	1940	2	550			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED
CHART PROFILE NOTE: USE I-BJI DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: VDP NA WHEN USING PARK RAPIDS ALTIMETER SETTING.
SEE 8260-10

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP
BEMIDJI, MN	ELEVATION: 1390 TDZE: 1389 AIRPORT NAME: BEMIDJI REGIONAL	I-BJI	LOC/DME RWY 25, ORIG JUL -5 2007	AMDT NONE DATE

FAA APPROVED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

NOTES CONT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARK RAPIDS ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
BEMIDJI, MN	**ELEVATION: 1390 TDZE: 1389** AIRPORT NAME: **BEMIDJI REGIONAL**	**I-BJI**	**LOC/DME RWY 25, ORIG** JUL -5 2007	AMDT: **NONE** DATED:

APPROVED

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HVQ VORTAC	LUYIC INT/I-HCV 5.01 DME/RADAR	119.84 / 4.93	3500

MISSED APPROACH

ILS: DA
LOC: 4.93 MILES AFTER LUYIC INT/I-HCV 5.01 DME/RADAR OR AT I -HCV 0.09 DME FIX

CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3000 DIRECT HVQ VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 4000 DIRECT HNN VORTAC AND HOLD S, RT, 345.41 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 081.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S HNN VORTAC, RT, 345.41 INBOUND.
CHART FAS OBST: 1288 TOWER 381950N/0813939W
CHART: LOC/AZIMUTH OFFSET 1.43 DEGREES.
CHART VDP AT 1.76 DME;
DISTANCE VDP TO THLD 1.67 MILES.
CHART IN PLANVIEW: HNN VORTAC.
CHART: ASR
FAC CROSSES RWY C/L EXTENDED 6618 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW LUYIC, RT, 051.70 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 051.70 FAF: LUYIC INT/I-HCV 5.01 DME/RADAR DIST FAF TO MAP: 4.93 THLD: 4.93
4. MIN. ALT: LUYIC INT/I-HCV 5.01 DME/RADAR 2600
5. DIST TO THLD FROM OM: 4.93 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1176
6. MIN GS INCPT: 2600 GS ALT AT: LUYIC 2600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 62.0
8. MSA FROM: HVQ VORTAC 090-180 4000, 180-090 3600

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 5	1415	1 1/2	468	1415	1 1/2	468	1415	1 1/2	468	1415	1 1/2	468			
S-LOC 5	1540	5000	593	1540	5000	593	1540	1 1/2	593	1540	1 3/4	593			
CIRCLING	1600	1	619	1600	1	619	1600	1 3/4	619	1600	2	619			

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CAT A, B, C, D 700-2

CITY AND STATE	ELEVATION: 981 TDZE: 947	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 5
CHARLESTON, WV	AIRPORT NAME: YEAGER	I-HCV	ILS OR LOC RWY 5, AMDT 5 JUL - 5 2007	AMDT: 4B DATED 08/06/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

CITY AND STATE	ELEVATION: 981 TDZE: 947	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./ EFFECTIVE DATE:	SUP: ILS RWY 5
CHARLESTON, WV	AIRPORT NAME: **YEAGER**	**I-HCV**	**ILS OR LOC RWY 5, AMDT 5** JUL - 5 2007	AMDT: **4B** DATED: **08/06/2001**

QA APPROVED

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HVQ VORTAC	ZENOM INT/I-CRW 5.43 DME	070.94 / 13.00	3500
GLAZE INT (IAF)	JIXAR INT/I-CRW 10.61 DME (NOPT)	155.00 / 3.51 (HDG) & 234.60 / 1.81 (I-CRW)	3000
CAMMA INT (IAF)	JIXAR INT/I-CRW 10.61 DME (NOPT)	304.00 / 2.19 (HDG) & 234.60 / 1.81 (I-CRW)	3000
JIXAR INT/I-CRW 10.61 DME (IF)	ZENOM INT/I-CRW 5.43 DME	234.60 / 5.18 (I-CRW)	2400

MISSED APPROACH

ILS: DA
LOC: 4.48 MILES AFTER ZENOM INT/I-CRW 5.43 DME OR AT I-CRW 0.95 DME FIX

CLIMB TO 1800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT HVQ VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT HNN VORTAC AND HOLD S, RT, 345.41 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 081.00 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD S HNN VORTAC, RT, 345.41 INBOUND.
CHART FAS OBST: 1389 TOWER 382528N/0813156W
CHART: LOC/AZIMUTH OFFSET 1.46 DEGREES.
CHART VDP AT 3.04 DME;
DISTANCE VDP TO THLD 2.09 MILES.
CHART IN PLANVIEW: HNN VORTAC.
CHART: (UROCU) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.
CHART: ASR.
FAC CROSSES RWY C/L EXTENDED 1677 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE ZENOM, RT, 234.60 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 234.60 FAF: ZENOM INT/I-CRW 5.43 DME DIST FAF TO MAP: 4.48 THLD: 4.48
4. MIN. ALT: ZENOM INT/I-CRW 5.43 DME 2400
5. DIST TO THLD FROM OM: 4.48 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 867
6. MIN GS INCPT: 2400 GS ALT AT: ZENOM 2400 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.3
8. MSA FROM: HVQ VORTAC 090-180 4000, 180-090 3600

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: NA | | ILS: # | LOC: STANDARD @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 23	1181	2400	250	1181	2400	250	1181	2400	250	1181	2400	250			
S-LOC 23	1640	2400	709	1640	2400	709	1640	1 1/2	709	1640	1 3/4	709			
CIRCLING	1640	1	659	1640	1	659	1640	2	659	1640	2 1/4	659			

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CAT A, B, C 700-2, CAT D 700-2 1/4
@ CAT D 800-2 1/4

CITY AND STATE	ELEVATION: 981 TDZE: 931	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP: ILS RWY 23
CHARLESTON, WV	AIRPORT NAME: YEAGER	I-CRW	ILS OR LOC RWY 23, AMDT 29	AMDT: 28A
			JUL - 5 2007	DATED 08/02/2001

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

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
CHARLESTON, WV	**ELEVATION: 981 TDZE: 931** AIRPORT NAME: **YEAGER**	**I-CRW**	**ILS OR LOC RWY 23, AMDT 29** JUL - 5 2007	SUP: **ILS RWY 23** AMDT: **28A** DATED: **08/02/2001**

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 342 FT PER NM TO 1400.
RWY 15, STANDARD WITH MINIMUM CLIMB OF 443 FT PER NM TO 1400 OR 1000-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 23, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 513 FT PER NM TO 1300.
RWY 33, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 381 FT PER NM TO 1400.

(2) DEPARTURE PROCEDURE:

RWY 15 - FOR CLIMB IN VISUAL CONDITIONS: CROSS YEAGER AIRPORT AT OR ABOVE 1,800' MSL BEFORE PROCEEDING ON COURSE.
RWY 23 - CLIMB HEADING 233.14 TO 1400 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, MULTIPLE TREES 52' FROM DER, 409' LEFT OF CENTERLINE, 100' AGL/1,259' MSL. TOWER 2.0 NM FROM DER, 2,762' LEFT OF CENTERLINE, 184' AGL/1,235' MSL. OBSTRUCTION LIGHT AND POLE 4,313' FROM DER, 134' RIGHT OF CENTERLINE, 34' AGL/1,033' MSL. MULTIPLE TREES 59' FROM DER, BEGINNING 134' RIGHT OF CENTERLINE, 100' AGL/1,159' MSL.
NOTE: RWY 15, ROD ON POLE 4,825' FROM DER, 642' LEFT OF CENTERLINE, 47' AGL/1,226' MSL. MULTIPLE TREES AND TERRAIN BEGINNING 44' FROM DER, 134' LEFT OF CENTERLINE, UP TO 96' AGL/1,295' MSL. BUILDING 3,085' FROM DER, 572' LEFT OF CENTERLINE, 43' AGL/1,142' MSL.
(CONTINUED ON PAGE 2)

(4) CONTROLLING OBSTACLES:

RWY 5: 1,159 MSL TREE 382326.09N/0813402.72W, 1,059 TREE 382326.09N/0813402.72W.
RWY 15: 1,226 MSL ROD ON POLE 382120.63N/0813430.58W, 1,174 TREE 382131.71N/0813440.13W.
RWY 23: 1,204 MSL TREE 382135.05N/0813632.18W.
RWY 33: 1,266 MSL DOME 382328.00N/0813641.00W.
RWY 15 (VCOA): 1,449 TOWERS 381914.00N/0813636.00W, 1,579 AAO 381933.22N/0813155.87W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
CHARLESTON, WV	YEAGER	JUL -5 2007	6

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

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

NOTE: RWY 15, MULTIPLE TREES AND OBSTACLES BEGINNING 304' FROM DER, 178' RIGHT OF CENTERLINE, UP TO 74' AGL/1,233' MSL. TOWER 5.9 NM FROM DER, 1.0 NM RIGHT OF CENTERLINE, 480' AGL/1,890' MSL. MULTIPLE TREES AND TERRAIN BEGINNING 2.2 NM FROM DER, 585' LEFT OF CENTERLINE, UP TO 1,379' AGL/1,579' MSL.
NOTE: RWY 23, MULTIPLE TREES AND TERRAIN BEGINNING 3,767' FROM DER, 775' LEFT OF CENTERLINE, UP TO 45' AGL/1,204' MSL. OL ON POLE 4,073' FROM DER, 876' LEFT OF CENTERLINE, 31' AGL/1,170' MSL. ANTENNA ON TOWER 4,763' FROM DER, 2,635' LEFT OF CENTERLINE, 158' AGL/1,297' MSL. TOWER 2.84 NM FROM DER, 1.9 NM LEFT OF CENTERLINE, 367' AGL/1,447' MSL. TOWERS 2.96 NM FROM DER, 1.9 NM LEFT OF CENTERLINE, 349' AGL/1,449' MSL.
NOTE: RWY 33, MULTIPLE TREES AND TERRAIN BEGINNING 26' FROM DER, 121' RIGHT OF CENTERLINE, UP TO 81' AGL/1,280' MSL. MULTIPLE TREES BEGINNING 44' FROM DER, 235' LEFT OF CENTERLINE, UP TO 58' AGL/1,177' MSL.

City, State	Airport	Effective Date	Amdt. No.
CHARLESTON, WV	YEAGER	JUL -5 2007	6

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

QA B APPROVED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, STANDARD WITH MINIMUM CLIMB OF 334 FT PER NM TO 2500 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 21, STANDARD WITH MINIMUM CLIMB OF 496 FT PER NM TO 2500, OR 300-1 1/4 WITH MINIMUM CLIMB OF 274 FT PER NM TO 1600, OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3 - CLIMB HEADING 027.03 TO 2500 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS GUNTERSVILLE MUNI-JOE STARNES FIELD AIRPORT AT OR ABOVE 1600 BEFORE PROCEEDING ON COURSE.
RWY 21 - CLIMB HEADING 207.02 TO 2500 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS GUNTERSVILLE MUNI-JOE STARNES FIELD AIRPORT AT OR ABOVE 1600 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, MULTIPLE TREES BEGINNING 2,299' FROM DER, 27' LEFT OF CENTERLINE, UP TO 100' AGL/1,399' MSL. TOWER 1.6 NM FROM DER, 2,465' LEFT OF CENTERLINE, 208' AGL/851' MSL.
NOTE: RWY 21, MULTIPLE TREES BEGINNING 151' FROM DER, 362' LEFT OF CENTERLINE, UP TO 100' AGL/759' MSL. MULTIPLE TREES BEGINNING 3,613' FROM DER, 152' RIGHT OF CENTERLINE, UP TO 100' AGL/859' MSL.

(4) CONTROLLING OBSTACLES:

RWY 3: 1,419 MSL AAO 342920.00N-0861420.00W. 1,319 MSL TREE 342659.00N-0861517.00W.
RWY 21: 839 MSL TREES 342311.12N-0861641.03W. 1,383 MSL TOWER 342014.00N-0861646.00W. 1,339 MSL AAO 342015.00N-0861701.00W.
RWY 3, 21 (VCOA): 1,259 MSL TREE 342138.00N-0861545.00W. 1,319 MSL TREE 342659.00N-0861517.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GUNTERSVILLE, AL	GUNTERSVILLE MUNI - JOE STARNES FIELD	AUG - 2 2007	1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PENSI	TERZE (FB)	157.19 / 22.81	2000
TERZE (IAF)	PEXUS (NOPT) (FB)	092.52 / 5.00	2000
PEXUS (IF/IAF)	OPCOF (FB)	002.57 / 6.50	1700

MISSED APPROACH

LNAV: RW36

CLIMBING LEFT TURN TO 2000 DIRECT PEXUS AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 279 TREE 303709N/0865859W
OPCOF TO RW36: 3.05/40.
CHART R-2915 A, B, C
CHART PENSACOLA REGIONAL ASOS, 121.25

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S PEXUS, LT, 002.57 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 002.57 FAF: OPCOF DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: PEXUS 2000, OPCOF 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW36 2600

MAG VAR: 1W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	580	1	498	580	1	498	580	1 1/4	498		NA				
CIRCLING	680	1	598	680	1	598	680	1 1/2	598		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE PENSACOLA REGIONAL ALTIMETER SETTING ; IF NOT RECEIVED , USE CRESTVIEW ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO.	
MILTON, FL	ELEVATION: 82 TDZE: 82 AIRPORT NAME: PETER PRINCE FLD	RNAV	RNAV (GPS) RWY 36, ORIG AUG - 2 2007	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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibillties which are in statute miles or in feet RVR.

ARINC PACKET - 424-15

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   OPCOF K70    W   L N30330295W086594716                    E0019     NAW          OPCOF
        SUSAEAENRT   PENSI K70    W   L N30473568W087162552                    E0018     NAW          PENSI
        SUSAEAENRT   PEXUS K70    W   L N30263238W086595950                    E0019     NAW          PEXUS
        SUSAEAENRT   PEXUS K70    W   L N30275897W086595728                    E0019     NAW          PEXUS
        SUSAEAENRT   TERZE K70    W   L N30280734W087054428                    E0019     NAW          TERZE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K2R4K7A2R4      0     037YHN30381544W086593715W001000082         1800018000C    MNAW    PETER PRINCE FLD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K2R4K7FP36   APENSI 010PENSIK7EA0E       IF                                          18000                 G  S
        SUSAP K2R4K7FP36   APENSI 020TERZEK7EA0E  A    TF                  15720228    + 02000                          G  S
        SUSAP K2R4K7FP36   APENSI 030PEXUSK7EA0EE   010TF                  09250050    + 02000                          G  S
        SUSAP K2R4K7FP36   APEXUS 010PEXUSK7EA0EE CL   HF                  00260050    + 02000     18000                G  S
        SUSAP K2R4K7FP36   P       010PEXUSK7EA0E  I    IF                              + 02000     18000                G  S
        SUSAP K2R4K7FP36   P       020OPCOFK7EA0E  F 051TF                  00260065    + 01700                RW36  K7PGG  S
        SUSAP K2R4K7FP36   P       030RW36 K7PG0GY M 031TF                  00160049      00119             -305          G  S
        SUSAP K2R4K7FP36   P       040          0  M  010CA                 0016        + 00482                          G  S
        SUSAP K2R4K7FP36   P       050PEXUSK7EA0EY  L010DF                              + 02000                          G  S
        SUSAP K2R4K7FP36   P       060PEXUSK7EA0EE HL020HM                  00260050    + 02000                          G  S

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K2R4K7GRW36     0037020026 N30375712W086593784+0000          00079000040075

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K2R4K7SRW36 K7PG              0 25180026                    M
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CITY AND STATE	ELEVATION: 82 TDZE: 82	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MILTON, FL	AIRPORT NAME: PETER PRINCE FLD	RNAV	RNAV (GPS) RWY 36, ORIG	AMDT: NONE
			AUG - 2 2007	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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-15

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PENSI	PENSI	010		IF		FB				
	PENSI	TERZE	020	IAF	TF		FB		157.2(156T)	022.8	02000
	PENSI	PEXUS	030		TF		FB	1.0	092.5(092T)	005.0	02000
	PEXUS	PEXUS	010		HF	L	FB		002.6(002T)	005.0	02000
		PEXUS	010	FACF	IF		FB				02000
		OPCOF	020	FAF	TF		FB	0.5	002.6(002T)	006.5	01700
		RW36	030	MAP	TF		FO	0.3	001.6(001T)	004.9	00119

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		040		CA		FB	1.0	001.6(001T)		00482
	PEXUS	050		DF	L	FO	1.0			02000
	PEXUS	060		HM	L	FO	2.0	002.6(002T)	005.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OPCOF	N303302.95	W0865947.16	N3033.049	W08659.786
	PENSI	N304735.68	W0871625.52	N3047.595	W08716.425
	PEXUS	N302632.38	W0865959.50	N3026.540	W08659.992
	PEXUS	N302758.97	W0865957.28	N3027.983	W08659.955
	TERZE	N302807.34	W0870544.28	N3028.122	W08705.738
	RW36	N303757.12	W0865937.84	N3037.952	W08659.631

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00079	40

CITY AND STATE	ELEVATION: 82 TDZE: 82	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MILTON, FL	AIRPORT NAME: PETER PRINCE FLD	RNAV	RNAV (GPS) RWY 36, ORIG	AMDT: NONE
			AUG - 2 2007	DATED:

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

CATEGORY ====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA

NOTES:
PROCEDURE CANCELED EFFECTIVE AUG - 2 2007

CITY AND STATE	ELEVATION: 82 TDZE: 82	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP
MILTON, FL	AIRPORT NAME: **PETER PRINCE FLD**	**GPS**	**GPS RWY 36, AMDT 1** AUG - 2 2007	AMDT **ORIG**
				DATE **17 JUL 97**

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

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

Bearings, headings, courses, tracks, and radials are magnetic. 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 14, 23, 32, STANDARD

RWY 5, 400-2 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 233 FT PER NM TO 500.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TOWERS 1.8 NM FROM DER, 3216' RIGHT OF CENTERLINE, 319' AGL/338' MSL,TREES BEGINNING 296' FROM DER, 205' RIGHT OF CENTERLINE, UP TO 61' AGL/74' MSL, TREES BEGINNING 225' FROM DER, 217' LEFT OF CENTERLINE, UP TO 69' AGL/79' MSL.

NOTE: RWY 14, TREES AND BUILDINGS BEGINNING 445' FROM DER, 29' RIGHT OF CENTERLINE, UP TO 80' AGL/110' MSL. TREES BEGINNING 13' FROM DER, 374' LEFT OF CENTERLINE, UP TO 87' AGL/107' MSL. NOTE: RWY 23, NUMEROUS TREES BEGINNING 55' FROM DER, 236' LEFT OF CENTERLINE, UP TO 65' AGL/72' MSL. NOTE: RWY 5, MULTIPLE TREES BEGINNING 1585' FROM DER, 232' LEFT OF CENTERLINE, UP TO 43' AGL/64' MSL, TREES BEGINNING 731' FROM DER, 200' RIGHT OF CENTERLINE, UP TO 65' AGL/75' MSL

(4) CONTROLLING OBSTACLES:

RWY 5: 338 MSL TOWER 301350.00N-0853847.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PANAMA CITY, FL	PANAMA CITY-BAY CO INTL	AUG - 2 2007	1

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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) DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 7, MULTIPLE TREES BEGINNING 859' FROM DER, 544' RIGHT OF CENTERLINE, UP TO 64' AGL/1442' MSL. MULTIPLE TREES BEGINNING 1404' FROM DER, 683' LEFT OF CENTERLINE, UP TO 46' AGL/1424' MSL. NOTE: RWY 13, TREE 1386' FROM DER, 826' LEFT OF CENTERLINE, 50' AGL/1431'MSL. NOTE: RWY 25, MULTIPLE POLES BEGINNING 1337' FROM DER, 205' RIGHT OF CENTERLINE, UP TO 60' AGL/1445' MSL. TREE 1406' FROM DER, 233' RIGHT OF CENTERLINE, 52' AGL/1437' MSL. MULTIPLE TREES BEGINNING 1414' FROM DER, 254' LEFT OF CENTERLINE, UP TO 56' AGL/1441' MSL.**

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
BEMIDJI, MN	BEMIDJI REGIONAL	AUG 2 2007	3

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 9, STANDARD.
RWY 27, 300-1.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 9, NUMEROUS TREES BEGINNING 35' FROM DER, 27' RIGHT OF CENTERLINE, UP TO 100' AGL/939' MSL. NUMEROUS TREES BEGINNING 200' FROM DER, 164' LEFT OF CENTERLINE, UP TO 100' AGL/919' MSL.**
NOTE: RWY 27, NUMEROUS TREES BEGINNING 200' FROM DER, 78' RIGHT OF CENTERLINE, UP TO 100' AGL/929' MSL. NUMEROUS TREES BEGINNING 616' FROM DER, 77' LEFT OF CENTERLINE, UP TO 100' AGL/909' MSL.

(4) CONTROLLING OBSTACLES:
RWY 27: 929 MSL TREES 355458.93N/0802802.41W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
MOCKSVILLE, NC	TWIN LAKES	AUG 2 2007	ORIG

QA A APPROVED

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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 03, 21 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 158' FROM DER, 98' RIGHT OF CENTERLINE UP TO 100' AGL/172' MSL. TREES BEGINNING 3041' FROM DER, 168' LEFT OF CENTERLINE UP TO 100' AGL/172' MSL.

NOTE: RWY 21, TREES BEGINNING 130' FROM DER, 57' RIGHT OF CENTERLINE UP TO 100' AGL/168' MSL. TREES BEGINNING 1393' FROM DER, 411' LEFT OF CENTERLINE UP TO 100' AGL/168' MSL. VEHICLE ON ROAD 428' FROM DER, 15' AGL/ 80' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
WILLIAMSTON, NC	MARTIN COUNTY	AUG - 2 2007	ORIG

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 5, 23, 35 STANDARD.

RWY 17, 300-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 241 FEET PER NM TO 800.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17-CLIMB HEADING 165.42 TO 1100 BEFORE TURNING.

RWY 23-CLIMB HEADING 230.40 TO 1100 BEFORE TURNING SOUTH.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 35, TREES BEGINNING 948' FROM DER, 570' LEFT OF CENTERLINE, UP TO 100' AGL/349' MSL. TREES BEGINNING 2805' FROM DER, 440' RIGHT OF CENTERLINE, UP TO 100' AGL/359' MSL.

NOTE: RWY 17, TREES BEGINNING 3225' FROM DER, 1092' RIGHT OF CENTERLINE, UP TO 100' AGL/339' MSL. TOWER 1.9 NM FROM DER, 3064' LEFT OF CENTERLINE, 366' AGL/544' MSL.

NOTE: RWY 5, TREES BEGINNING 1959' FROM DER, 506' RIGHT OF CENTERLINE, UP TO 100' AGL/329' MSL. TREES BEGINNING 2458' FROM DER, 440' LEFT OF CENTERLINE UP TO 100' AGL/359' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 544' MSL TOWER 331327.00N-0812134.00W, 1038' MSL TOWER 331116.00N-0812349.00W.

RWY 23: 1038' MSL TOWER 331116.00N-0812349.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
BARNWELL, SC	BARNWELL RGNL	AUG - 2 2007	2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A
FLIGHT STANDARDS SERVICE

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

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 23, TREES BEGINNING 717' FROM DER, 237' RIGHT OF CENTERLINE, UP TO 100'AGL/339' MSL. TREES BEGINNING 971' FROM DER, 254' LEFT OF CENTERLINE 100' AGL/349' MSL. TREE 2933' FROM DER, 559' LEFT OF CENTERLINE, 100' AGL/319' MSL.

City, State	Airport	Effective Date	Amdt. No.
BARNWELL, SC	**BARNWELL RGNL**	AUG - 2 2007	**2**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FLO VORTAC	WOMUT (FB)	289.56 / 19.81	2000
WARNR	WOMUT (FB)	196.95 / 9.79	2000
WOMUT (IF/IAF)	UMAGE (FB)	049.56 / 6.10	1800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 2000 DIRECT PIDCI AND VIA 079.35 TRACK TO DUNGY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 009.31 INBOUND.
CHART FAS OBST: 292 TREE 342620N/0795332W
WAAS CHANNEL # 42704
REFERENCE PATH ID: W05A
DISTANCE TO THLD FROM 304 HAT: 0.79 NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW WOMUT, RT, 049.56 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 049.60 FAF: UMAGE DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: WOMUT 2000, UMAGE 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: UMAGE OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
8. MSA FROM: RW05 3200

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: [ ] STANDARD [X] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A [ ] # STANDARD

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	493	1	304	493	1	304	493	1	304	493	1	304			
LNAV/VNAV DA	562	1 1/4	373	562	1 1/4	373	562	1 1/4	373	562	1 1/4	373			
LNAV MDA	560	1	371	560	1	371	560	1	371	560	1 1/4	371			
CIRCLING	620	1	428	660	1	468	660	1 1/2	468	760	2	568			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: BARO-VNAV NA WHEN USING FLORENCE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 192 TDZE: 189	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
DARLINGTON, SC	AIRPORT NAME: DARLINGTON COUNTY JETPORT	RNAV	RNAV (GPS) RWY 5, ORIG AUG 2 2007	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLO VORTAC VIA AIRWAY RADIALS 255 CW 301.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE FLORENCE ALTIMETER SETTING AND INCREASE LPV DA TO 541 FEET; LNAV/VNAV DA TO 610 FEET; INCREASE ALL MDAS 60 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
DARLINGTON, SC	**ELEVATION: 192 TDZE: 189** AIRPORT NAME: **DARLINGTON COUNTY JETPORT**	**RNAV**	**RNAV (GPS) RWY 5, ORIG** AUG 2 2007	AMDT: **NONE** DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUDG
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	342631.2730N
LTP/FTP LONGITUDE	0795333.7885W
LTP/FTP ELLIPSOIDAL HEIGHT	+00257
FPAP LATITUDE	342735.8500N
FPAP LONGITUDE	0795219.4300W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CF09FDA1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00575
FPAP ORTHOMETRIC HEIGHT	+00575

CITY AND STATE	ELEVATION: 192 TDZE: 189	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
DARLINGTON, SC	AIRPORT NAME: DARLINGTON COUNTY JETPORT	RNAV	RNAV (GPS) RWY 5, ORIG AUG 2 2007	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-17

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        FLO    K7011520VTH  N34135856W079392561    N34135856W079392561W003000110      NARFLORENCE

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   DUNGY K70    W   L N34313656W079381167                    E0081     NAR          DUNGY
       SUSAEAENRT   PIDCI K70    W   L N34281999W079512858                    E0079     NAR          PIDCI
       SUSAEAENRT   UMAGE K70    W   L N34230121W079573533                    E0078     NAR          UMAGE
       SUSAEAENRT   WARNR K70    W   L N34281323W080002548                    E0078     NAR          WARNR
       SUSAEAENRT   WOMUT K70    W   L N34183552W080024015                    E0077     NAR          WOMUT

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KUDGK7AUDG     0     055YHN34265740W079532720W006000192        1800018000C    MNAR    DARLINGTON COUNTY JETPORT

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KUDGK7FR05   AFLO   010FLO  K7D 0V       IF                                          18000                A JS
       SUSAP KUDGK7FR05   AFLO   020WOMUTK7EA0E    020TF                  28960198    + 02000                        A JS
       SUSAP KUDGK7FR05   AFLO   030WOMUTK7EA0EE CR   HF                  04960040    + 02000                        A JS
       SUSAP KUDGK7FR05   AWARNR 010WARNRK7EA0E       IF                                          18000                A JS
       SUSAP KUDGK7FR05   AWARNR 020WOMUTK7EA0E    020TF                  19700098    + 02000                        A JS
       SUSAP KUDGK7FR05   AWARNR 030WOMUTK7EA0EE CR   HF                  04960040    + 02000                        A JS
       SUSAP KUDGK7FR05   R       010WOMUTK7EA0E  I    IF                             + 02000     18000              A JS
       SUSAP KUDGK7FR05   R       020UMAGEK7EA0E  F 051TF                  04960061    + 01800               RW05   K7PGA JS
       SUSAP KUDGK7FR05   R       030RW05 K7PG0GY M 031TF                  04960048      00241            -300         A JS
       SUSAP KUDGK7FR05   R       040PIDCIK7EA0E    010DF                                                            A JS
       SUSAP KUDGK7FR05   R       050DUNGYK7EA0EY   010TF                  0794        + 02000                        A JS
       SUSAP KUDGK7FR05   R       060DUNGYK7EA0EE HR020HM                  00930040    + 02000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KUDGK7GRW05    0055000496 N34263127W079533379-0100          00189000052100
```

CITY AND STATE	ELEVATION: 192 TDZE: 189	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
DARLINGTON, SC	AIRPORT NAME: DARLINGTON COUNTY JETPORT	RNAV	RNAV (GPS) RWY 5, ORIG AUG 2 2007	AMDT: NONE
				DATED:

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KUDGK7PR05   RW05 001 0000W05A0N3426312730W0795333788 5+002570300N3427358500W079521943001067510720005 0F400500CF09FDA1
    SUSAP KUDGK7PR05   RW05 002       +00575+00575W05A      42704          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KUDGK7SRW05 K7PG              0 25180032                        M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
DARLINGTON, SC	**ELEVATION: 192 TDZE: 189** AIRPORT NAME: **DARLINGTON COUNTY JETPORT**	**RNAV**	**RNAV (GPS) RWY 5, ORIG** AUG 2 2007	SUP: AMDT: **NONE** DATED:

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FLO	FLO	010		IF		FB				
	FLO	WOMUT	020		TF		FB	2.0	289.6(284T)	019.8	02000
	FLO	WOMUT	030		HF	R	FB		049.6(044T)	004.0	02000
	WARNR	WARNR	010		IF		FB				
	WARNR	WOMUT	020		TF		FB	2.0	197.0(191T)	009.8	02000
	WARNR	WOMUT	030		HF	R	FB		049.6(044T)	004.0	02000
		WOMUT	010	FACF	IF		FB				02000
		UMAGE	020	FAF	TF		FB	0.5	049.6(044T)	006.1	01800
		RW05	030	MAP	TF		FO	0.3	049.6(044T)	004.8	00241
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		PIDCI	040		DF		FB	1.0			
		DUNGY	050		TF		FO	1.0	079.4(073T)		02000
		DUNGY	060		HM	R	FO	2.0	009.3(003T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLO	N341358.56	W0793925.61	N3413.976	W07939.427
	DUNGY	N343136.56	W0793811.67	N3431.609	W07938.195
	PIDCI	N342819.99	W0795128.58	N3428.333	W07951.476
	UMAGE	N342301.21	W0795735.33	N3423.020	W07957.589
	WARNR	N342813.23	W0800025.48	N3428.221	W08000.425
	WOMUT	N341835.52	W0800240.15	N3418.592	W08002.669
	RW05	N342631.27	W0795333.79	N3426.521	W07953.563

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00189	52

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
DARLINGTON, SC	ELEVATION: 192 TDZE: 189 AIRPORT NAME: DARLINGTON COUNTY JETPORT	RNAV	RNAV (GPS) RWY 5, ORIG AUG 2 2007	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: [ ] 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:

AUG 2 2007

PROCEDURE CANCELED EFFECTIVE ____

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP
DARLINGTON, SC	**ELEVATION: 192 TDZE: 189** AIRPORT NAME: **DARLINGTON COUNTY JETPORT**	**GPS**	**GPS RWY 5, ORIG** 5 DEC 96	AMDT **NONE** DATE

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

APPROVED

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
CLT VOR/DME	IKECE/CLT 13.00 DME	175.00 / 13.00	4000
IKECE/CLT 13.00 DME (IAF)	OCERU/CLT 18.00 DME	175.00 / 5.00 (CLT R-175)	3200
OCERU/CLT 18.00 DME (IF)	TOCPO/CLT 24.00 DME	175.00 / 6.00 (CLT R-175)	2300

MISSED APPROACH

MAP: UDACU/CLT 28.22 DME

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA CLT VOR/DME R-175 TO TOCPO/CLT VOR/DME 24.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 175.00 INBOUND.
CHART FAS OBST: 780 LOOKOUT TOWER
344537N/0805104W
CHART GAMECOCK I MOA.
FAC CROSSES 0.22 NM NE OF MIDPOINT OF RWY 6-24.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OCERU/CLT 18.00 DME
3. FAC 175.00 FAF TOCPO/CLT 24.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT OCERU 3200, TOCPO 2300
8. MSA FROM: CLT VOR/DME 090-270 3100, 270-090 3800 (29 NM)

MAG VAR: 5W 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		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1340	1	854	1340	1 1/4	854	1340	2 1/2	854	1340	2 3/4	854			

NOTES:

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLOTTE ALTIMETER SETTING AND INCREASE ALL MDAS 120 FEET.

CITY AND STATE	ELEVATION: 486 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP
LANCASTER, SC	LANCASTER COUNTY-MC WHIRTER FIELD	CLT	VOR/DME-A, ORIG AUG 2 2007	AMDT NONE DATE

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

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND TEXTUAL DEPARTURE PROCEDURES (DP)

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 01, 19 STANDARD

(2) DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 01, TREE 501' FROM DER, 180' RIGHT OF CENTERLINE, 100' AGL/839' MSL. TREE 1,564' FROM DER, 507' LEFT OF CENTERLINE, 100' AGL/839' MSL.
NOTE: RWY 19, MULTIPLE TREES 673' FROM DER, 83' RIGHT OF CENTERLINE, UP TO 100' AGL/919' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
PORTLAND, TN	PORTLAND MUNI	AUG 2 2007	ORIG

OA B APPROVED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: | 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 AUG 30 2007

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
LAKE PROVIDENCE, LA	**ELEVATION: 106 TDZE: 106** AIRPORT NAME: **BYERLEY**	**BLE**	**NDB RWY 17, AMDT 2** **30 OCT 2003**	SUP AMDT **1** DATE **07/20/1983**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: | 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 AUG 30 2007

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
WEATHERFORD, OK	**ELEVATION: 1605 TDZE: 1605** AIRPORT NAME: **THOMAS P. STAFFORD**	**OJA**	**NDB RWY 17, AMDT 3** 12/05/1996	SUP NDB OR GPS AMDT 2 DATE 01/04/1996

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MSN VORTAC	EXIDE (FB)	145.08 / 4.67	4000
JVL VOR/DME (IAF)	EXIDE (NOPT) (FB)	347.46 / 32.33	4000
DREAR (IAF)	EXIDE (NOPT) (FB)	252.42 / 10.55	4000
EXIDE (IF/IAF)	CAVEX (FB)	280.81 / 6.03	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

CLIMB TO 4000 DIRECT JALOX AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 100.45 INBOUND.
CHART FAS OBST: 1083 TANK 430654N/0893006W
WAAS CHANNEL # 82404
REFERENCE PATH ID: W28A
CHART DANE COUNTY REGIONAL-TRUAX FIELD AWOS-3 124.650
DISTANCE TO THLD FROM 397 HAT: 1.13 NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E EXIDE, RT, 280.81 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 280.72 FAF: CAVEX DIST FAF TO MAP: 5.05 THLD: 5.05
4. MIN. ALT: EXIDE 4000, CAVEX 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: CAVEX OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW28 3600

MAG VAR: 1W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1325	1 1/2	397	1325	1 1/2	397	1325	1 1/2	397		NA				
LNAV/VNAV DA	1442	1 3/4	514	1442	1 3/4	514	1442	1 3/4	514		NA				
LNAV MDA	1480	1	552	1480	1	552	1480	1 1/2	552		NA				
CIRCLING	1560	1	632	1600	1	672	1600	2	672		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JVL VOR/DME VIA V97 SOUTHEAST BOUND.
SEE 8260-10

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
MIDDLETON, WI	ELEVATION: 928 TDZE: 928 AIRPORT NAME: MIDDLETON MUNI-MOREY FIELD	RNAV	RNAV (GPS) RWY 28, AMDT 1 AUG 30 2007	AMDT: ORIG DATED 12/22/2005

FAA FORM 8260 - 3 / December 2002 (computer generated)

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

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE DANE COUNTY REGIONAL-TRUAX FIELD ALTIMETER SETTING, IF NOT RECEIVED USE BARABOO WISCONSIN DELLS ALTIMETER SETTING AND INCREASE ALL DA'S 43 FEET AND ALL MDA'S 60 FEET.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MIDDLETON, WI	**ELEVATION: 928 TDZE: 928** AIRPORT NAME: **MIDDLETON MUNI-MOREY FIELD**	**RNAV**	**RNAV (GPS) RWY 28, AMDT 1** **AUG 30 2007**	AMDT: **ORIG** DATED: **12/22/2005**

QA APPROVED

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
Operation Type	0
SBAS Service Provider Identifier	0
Airport Identifier	C29
Runway	RW28
Approach Performance Designator	0
Route Indicator	
Reference Path Data Selector	0
Reference Path Identifier (Approach ID)	W28A
LTP/FTP Latitude	430646.8985N
LTP/FTP Longitude	0893133.1655W
LTP/FTP Ellipsoidal Height	+02482
FPAP Latitude	430701.8100N
FPAP Longitude	0893333.1000W
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	1528
Horizontal Alert Limit (HAL)	40.0
Vertical Alert Limit (VAL)	50.0
CRC Remainder	9AFF0341
Additional Path Point Record Information	
ICAO Code	K5
LTP Orthometric Height	+02825
FPAP Orthometric Height	+02825

CITY AND STATE	ELEVATION: 928 TDZE: 928 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MIDDLETON, WI	MIDDLETON MUNI-MOREY FIELD	RNAV	AUG 30 2007 RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG DATED: 12-22-2005

QA APPROVED

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

ARINC PACKET - 424-17

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        JVL   K5011430VDL  N42332880W089061910    N42332880W089061910E003000900      NARJANESVILLE
          SUSAD        MSN   K5010860VTLW N43084138W089202292    N43084138W089202292E003000860      NARMADISON

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CAVEX K50    W   L N43055590W089244509                    E0021     NAR          CAVEX
          SUSAEAENRT   DREAR K50    W   L N43081719W089025970                    E0024     NAR          DREAR
          SUSAEAENRT   EXIDE K50    W   L N43045458W089163883                    E0022     NAR          EXIDE
          SUSAEAENRT   JALOX K50    W   L N43084979W089481096                    E0017     NAR          JALOX

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KC29K5AC29     0     040YHN43065137W089315353W001000928        1800018000C    MNAR    MIDDLETON MUNI-MOREY FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KC29K5FR28   ADREAR 010DREARK5EA0E  A    IF                                          18000              A JS
          SUSAP KC29K5FR28   ADREAR 020EXIDEK5EA0EE   010TF                  25240106    + 04000                        A JS
          SUSAP KC29K5FR28   AJVL   010JVL  K5D 0V  A    IF                                          18000              A JS
          SUSAP KC29K5FR28   AJVL   020EXIDEK5EA0EE   010TF                  34750323    + 04000                        A JS
          SUSAP KC29K5FR28   AMSN   010MSN  K5D 0V       IF                                          18000              A JS
          SUSAP KC29K5FR28   AMSN   020EXIDEK5EA0E  A 020TF                  14510047    + 04000                        A JS
          SUSAP KC29K5FR28   AMSN   030EXIDEK5EA0EE CR   HF                  28080040    + 04000                        A JS
          SUSAP KC29K5FR28   R      010EXIDEK5EA0E  I    IF                              + 04000    18000               A JS
          SUSAP KC29K5FR28   R      020CAVEXK5EA0E  F 051TF                  28080060    + 02600              RW28  K5PGA JS
          SUSAP KC29K5FR28   R      030RW28 K5PG0GY M 031TF                  28070051      00967           -300          A JS
          SUSAP KC29K5FR28   R      040JALOXK5EA0EYM  010DF                              + 04000                        A JS
          SUSAP KC29K5FR28   R      050JALOXK5EA0EE HR020HM                  10050050    + 04000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KC29K5GRW28    0040002806 N43064690W089313317+0000          00927000040100
```

CITY AND STATE	ELEVATION: 928 TDZE: 928	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MIDDLETON, WI	AIRPORT NAME: MIDDLETON MUNI-MOREY FIELD	RNAV	RNAV (GPS) RWY 28, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED: 12-22-2006

APPROVED

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KC29K5PR28    RW28 001 0000W28A0N4306468985W08931331655+024820300N4307018100W089333310001067515280004O0P400500CD58DEC3
    SUSAP KC29K5PR28    RW28 002        +02825+02825W28A      82404          000

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KC29K5SRW28 K5PG               0 25180036                    M
```

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MIDDLETON, WI	**ELEVATION: 928 TDZE: 928** AIRPORT NAME: **MIDDLETON MUNI-MOREY FIELD**	**RNAV**	**RNAV (GPS) RWY 28, AMDT 1** AUG 30 2007	AMDT: **ORIG** DATED: **12-22-2005**

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DREAR	DREAR	010	IAF	IF		FB				
	DREAR	EXIDE	020		TF		FB	1.0	252.4(251T)	010.6	04000
	JVL	JVL	010	IAF	IF		FB				
	JVL	EXIDE	020		TF		FB	1.0	347.5(347T)	032.3	04000
	MSN	MSN	010		IF		FB				
	MSN	EXIDE	020	IAF	TF		FB	2.0	145.1(144T)	004.7	04000
	MSN	EXIDE	030		HF	R	FB		280.8(280T)	004.0	04000
		EXIDE	010	FACF	IF		FB				04000
		CAVEX	020	FAF	TF		FB	0.5	280.8(280T)	006.0	02600
		RW28	030	MAP	TF		FO	0.3	280.7(280T)	005.1	00967

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JALOX	040		DF		FO	1.0			04000
	JALOX	050		HM	R	FO	2.0	100.5(100T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JVL	N423328.80	W0890619.10	N4233.480	W08906.318
	MSN	N430841.38	W0892022.92	N4308.690	W08920.382
	CAVEX	N430555.90	W0892445.09	N4305.932	W08924.752
	DREAR	N430817.19	W0890259.70	N4308.287	W08902.995
	EXIDE	N430454.58	W0891638.83	N4304.910	W08916.647
	JALOX	N430849.79	W0894810.96	N4308.830	W08948.183
	RW28	N430646.90	W0893133.17	N4306.782	W08931.553

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW28	00927	40

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
MIDDLETON, WI	ELEVATION: 928 TDZE: 928 AIRPORT NAME: MIDDLETON MUNI-MOREY FIELD	RNAV	RNAV (GPS) RWY 28, AMDT 1 AUG 30 2007	AMDT: ORIG DATED: 12-22-2005

GTA APPROVED A

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NEROE	TORRU (FB)	210.92 / 47.99	3000
FAH VOR/DME	TORRU (FB)	217.90 / 12.34	3000
WOKNO (IAF)	TORRU (NOPT) (FB)	307.20 / 12.37	3000
CANUL (IAF)	TORRU (NOPT) (FB)	094.59 / 10.45	3000
TORRU (IF/IAF)	JAMEK (FB)	037.04 / 6.10	2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 3000 DIRECT JADNI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW TORRU, RT, 037.04 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 037.10 FAF: JAMEK DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: TORRU 3000, JAMEK 2700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: JAMEK OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 43.2 34:1 IS CLEAR
8. MSA FROM: RW03 2600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 217.27 INBOUND.
CHART FAS OBST: 889 TOWER 434542N/0875232W
CHART FAS OBST: 904 TOWER 434441N/0875230W
CHART 821 TREE 434519N/0875157W.
CHART R-6903.
CHART VDP AT 1.18 MILES TO RW03* *LNAV ONLY.
WAAS CHANNEL # 61104
REFERENCE PATH ID: W03A
DISTANCE TO THLD FROM 324 HAT: 0.89 NM

MAG VAR: 2W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1068	1 1/4	324	1068	1 1/4	324	1068	1 1/4	324	1068	1 1/4	324			
LNAV/VNAV DA	1185	1 1/2	441	1185	1 1/2	441	1185	1 1/2	441	1185	1 1/2	441			
LNAV MDA	1160	1	416	1160	1	416	1160	1 1/4	416	1160	1 1/4	416			
CIRCLING	1200	1	446	1220	1	466	1220	1 1/2	466	1320	2	566			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13-31 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING MANITOWOC COUNTY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 754 TDZE: 744	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED 11/25/2004

FAA FORM 8260 - 3 / December 2002 (computer generated)

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC COUNTY ALTIMETER SETTING AND INCREASE ALL DAS 67 FEET/MDAS 80 FEET.
CHART NOTE: VDP NA WHEN USING MANITOWOC COUNTY ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	
SHEBOYGAN, WI	**ELEVATION: 754 TDZE: 744** AIRPORT NAME: **SHEBOYGAN COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 3, AMDT 1** AUG 30 2007	SUP: AMDT: **ORIG** DATED: **11/25/2004**

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBM
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	434556.9410N
LTP/FTP LONGITUDE	0875122.1040W
LTP/FTP ELLIPSOIDAL HEIGHT	+01911
FPAP LATITUDE	434709.7900N
FPAP LONGITUDE	0875011.2900W
THRESHOLD CROSSING HEIGHT (TCH)	00043.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1280
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E62BA032

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02259
FPAP ORTHOMETRIC HEIGHT	+02259

CITY AND STATE	ELEVATION: 754 TDZE: 744	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1 AUG 30 2007	AMDT: ORIG
				DATED: 11-25-2004

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

ARINC PACKET - 424-17

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        FAH    K5011000VDLA N43460763W087505555    N43460763W087505555W002000740      NARFALLS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CANUL K50    W   L N43363647W088151481                    E0032     NAR          CANUL
        SUSAEAENRT   JADNI K50    W   L N43560554W087412863                    E0038     NAR          JADNI
        SUSAEAENRT   JAMEK K50    W   L N43410671W087560361                    E0035     NAR          JAMEK
        SUSAEAENRT   NEROE K50    W   L N44181234W087285689                    E0041     NAR          NEROE
        SUSAEAENRT   TORRU K50    W   L N43360727W088005306                    E0034     NAR          TORRU
        SUSAEAENRT   WOKNO K50    W   L N43290026W087465842                    E0036     NAR          WOKNO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5ASBM     0     060YHN43461030W087510680W002000754         1800018000C    MNAR    SHEBOYGAN COUNTY MEMORIAL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5FR03   ACANUL 010CANULK5EA0E  A    IF                                          18000                A JS
        SUSAP KSBMK5FR03   ACANUL 020TORRUK5EA0EE   010TF                  09460105    + 03000                          A JS
        SUSAP KSBMK5FR03   AFAH   010FAH  K5D 0V       IF                                          18000                A JS
        SUSAP KSBMK5FR03   AFAH   020TORRUK5EA0E  A 020TF                  21790123    + 03000                          A JS
        SUSAP KSBMK5FR03   AFAH   030TORRUK5EA0EE CR   HF                  03710050    + 03000                          A JS
        SUSAP KSBMK5FR03   ANEROE 010NEROEK5EA0E       IF                                          18000                A JS
        SUSAP KSBMK5FR03   ANEROE 020TORRUK5EA0E    020TF                  21090480    + 03000                          A JS
        SUSAP KSBMK5FR03   ANEROE 030TORRUK5EA0EE CR   HF                  03710050    + 03000                          A JS
        SUSAP KSBMK5FR03   AWOKNO 010WOKNOK5EA0E  A    IF                                          18000                A JS
        SUSAP KSBMK5FR03   AWOKNO 020TORRUK5EA0EE   010TF                  30720124    + 03000                          A JS
        SUSAP KSBMK5FR03   R      010TORRUK5EA0E  I    IF                              + 03000     18000                A JS
        SUSAP KSBMK5FR03   R      020JAMEKK5EA0E  F 051TF                  03700061    + 02700                RW03  K5PGA JS
        SUSAP KSBMK5FR03   R      030RW03 K5PG0GY M 031TF                  03710059      00784              -300          A JS
        SUSAP KSBMK5FR03   R      040JADNIK5EA0EYM  010DF                              + 03000                          A JS
        SUSAP KSBMK5FR03   R      050JADNIK5EA0EE HR020HM                  21730050    + 03000                          A JS
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CITY AND STATE	ELEVATION: 754 TDZE: 744	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED: 11-25-2004

QA APPROVED

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

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5GRW03     0048220372 N43455694W087512210-0100          00741058043100
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```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5PR03    RW03 001 0000W03A0N4345569410W08751221040+019110300N4347097900W0875011290010675128000043 2F400500E62BA032
        SUSAP KSBMK5PR03    RW03 002        +02259+02259W03A      61104          000
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5SRW03 K5PG                0 25180026                          M
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CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	ELEVATION: 754 TDZE: 744 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED: 11-25-2004

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 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CANUL	CANUL	010	IAF	IF		FB				
	CANUL	TORRU	020		TF		FB	1.0	094.6(093T)	010.5	03000
	FAH	FAH	010		IF		FB				
	FAH	TORRU	020	IAF	TF		FB	2.0	217.9(216T)	012.3	03000
	FAH	TORRU	030		HF	R	FB		037.1(035T)	005.0	03000
	NEROE	NEROE	010		IF		FB				
	NEROE	TORRU	020		TF		FB	2.0	210.9(209T)	048.0	03000
	NEROE	TORRU	030		HF	R	FB		037.1(035T)	005.0	03000
	WOKNO	WOKNO	010	IAF	IF		FB				
	WOKNO	TORRU	020		TF		FB	1.0	307.2(305T)	012.4	03000
		TORRU	010	FACF	IF		FB				03000
		JAMEK	020	FAF	TF		FB	0.5	037.0(035T)	006.1	02700
		RW03	030	MAP	TF		FO	0.3	037.1(035T)	005.9	00784

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JADNI	040		DF		FO	1.0			03000
	JADNI	050		HM	R	FO	2.0	217.3(215T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.63	W0875055.55	N4346.127	W08750.926
	CANUL	N433636.47	W0881514.81	N4336.608	W08815.247
	JADNI	N435605.54	W0874128.63	N4356.092	W08741.477
	JAMEK	N434106.71	W0875603.61	N4341.112	W08756.060
	NEROE	N441812.34	W0872856.89	N4418.206	W08728.948
	TORRU	N433607.27	W0880053.06	N4336.121	W08800.884
	WOKNO	N432900.26	W0874658.42	N4329.004	W08746.974
	RW03	N434556.94	W0875122.10	N4345.949	W08751.368

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00741	43

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	ELEVATION: 754 TDZE: 744 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1 AUG 30 2007	AMDT: ORIG DATED: 11-25-2004

QA APPROVED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FAH VOR/DME	JADNI (FB)	036.40 / 12.08	3000
LEWKO	CLINS (FB)	046.51 / 15.64	3000
CLINS (IAF)	JADNI (NOPT) (FB)	125.86 / 15.24	3000
NEROE (IAF)	JADNI (NOPT) (FB)	204.28 / 23.88	3000
JADNI (IF/IAF)	CUVUN (FB)	217.27 / 6.04	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3000 DIRECT TORRU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JADNI, RT, 217.27 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 217.21 FAF: CUVUN DIST FAF TO MAP: 5.58 THLD: 5.58
4. MIN. ALT: JADNI 3000, CUVUN 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: CUVUN OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS CLEAR
8. MSA FROM: RW21 2600

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 037.04 INBOUND.
CHART FAS OBST: 899 TREE 434739N/0875036W
CHART FAS OBST: 900 CELL TWR 435020N/0874808W
CHART 815 TREE 434708N/0875009W.
CHART R-6903.
CHART VDP AT 1.17 MILES TO RW21* *LNAV ONLY.
WAAS CHANNEL # 65904
REFERENCE PATH ID: W21A
DISTANCE TO THLD FROM 323 HAT: 0.86 NM

MAG VAR: 2W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1066	1/2	323	1066	1/2	323	1066	1/2	323	1066	1/2	323			
LNAV/VNAV DA	1210	1 1/4	467	1210	1 1/4	467	1210	1 1/4	467	1210	1 1/4	467			
LNAV MDA	1160	1/2	417	1160	1/2	417	1160	3/4	417	1160	1	417			
CIRCLING	1200	1	446	1220	1	466	1220	1 1/2	466	1320	2	566			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 13-31 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 AND LNAV CAT D VISIBILITY TO 1 1/4.
CHART NOTE: BARO-VNAV NA WHEN USING MANITOWOC COUNTY ALTIMETER SETTING.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 754 TDZE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 21, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED 08/05/2004

APPROVED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE MANITOWOC COUNTY ALTIMETER SETTING AND INCREASE ALL DAS 67 FEET/MDAS 80 FEET.
CHART NOTE: VDP NA WHEN USING MANITOWOC COUNTY ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT LEWKO VIA V217 SOUTHBOUND.

CITY AND STATE	ELEVATION: 754 TDZE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 21, AMDT 1 AUG 30 2007	AMDT: ORIG DATED: 08/05/2004

FAA FORM 8260-10 / MARCH 2003 (Computer Generated)

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSBM
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	434635.8765N
LTP/FTP LONGITUDE	0875044.2630W
LTP/FTP ELLIPSOIDAL HEIGHT	+01903
FPAP LATITUDE	434547.3300N
FPAP LONGITUDE	0875131.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0184
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	49F87CF8

ADDITIONAL PATH POINT RECORD INFORMATION

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

CITY AND STATE	ELEVATION: 754 TDZE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 21, AMDT 1 AUG 30 2007	AMDT: ORIG-A
				DATED: 08-05-2004

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ARINC PACKET - 424-17

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        FAH   K5011000VDLA N43460763W087505555    N43460763W087505555W002000740      NARFALLS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CLINS K50    W   L N44043638W087585936                    E0035     NAR          CLINS
        SUSAEAENRT   CUVUN K50    W   L N43510962W087461773                    E0037     NAR          CUVUN
        SUSAEAENRT   JADNI K50    W   L N43560554W087412863                    E0038     NAR          JADNI
        SUSAEAENRT   LEWKO K50    W   L N43532804W088141220                    E0033     NAR          LEWKO
        SUSAEAENRT   NEROE K50    W   L N44181234W087285689                    E0041     NAR          NEROE
        SUSAEAENRT   TORRU K50    W   L N43360727W088005306                    E0034     NAR          TORRU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5ASBM     0     060YHN43461030W087510680W002000754        1800018000C    MNAR    SHEBOYGAN COUNTY MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSBMK5FR21   AFAH   010FAH  K5D 0V       IF                                          18000                A JS
        SUSAP KSBMK5FR21   AFAH   020JADNIK5EA0E    020TF                  03640121    + 03000                        A JS
        SUSAP KSBMK5FR21   AFAH   030JADNIK5EA0EE CR   HF                  21730050    + 03000                        A JS
        SUSAP KSBMK5FR21   ALEWKO 010LEWKOK5EA0E       IF                                          18000                A JS
        SUSAP KSBMK5FR21   ALEWKO 020CLINSK5EA0E  A 020TF                  04650156    + 03000                        A JS
        SUSAP KSBMK5FR21   ALEWKO 030JADNIK5EA0EE   010TF                  12590152    + 03000                        A JS
        SUSAP KSBMK5FR21   ANEROE 010NEROEK5EA0E  A    IF                                          18000                A JS
        SUSAP KSBMK5FR21   ANEROE 020JADNIK5EA0EE   010TF                  20430239    + 03000                        A JS
        SUSAP KSBMK5FR21   R      010JADNIK5EA0E  I    IF                              + 03000     18000                A JS
        SUSAP KSBMK5FR21   R      020CUVUNK5EA0E  F 051TF                  21730060    + 02600                RW21  K5PGA JS
        SUSAP KSBMK5FR21   R      030RW21 K5PG0GY M 031TF                  21720056      00793             -300          A JS
        SUSAP KSBMK5FR21   R      040TORRUK5EA0EYM  010DF                              + 03000                        A JS
        SUSAP KSBMK5FR21   R      050TORRUK5EA0EE HR020HM                  03700050    + 03000                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 754 TDZE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: **SHEBOYGAN COUNTY MEMORIAL**	**RNAV**	**RNAV (GPS) RWY 21, AMDT 1** AUG 30 2007	AMDT: **ORIG** DATED: **08-05-2004**

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SUSAP KSBMK5GRW21    0054022172 N43463588W087504426+0100          00738000055100

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KSBMK5PR21   RW21 001 0000W21A0N4346358765W08750442630+019030300N4345473300W087513144001065001840005 49F40050049F87CF8
SUSAP KSBMK5PR21   RW21 002       +02250+02250W21A      65904          000

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KSBMK5SRW21 K5PG               0 25180026                    M
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CITY AND STATE	ELEVATION: 754 TDZE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 21, AMDT 1	AMDT: ORIG
			AUG 30 2007	DATED: 08-05-2004

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FAH	FAH	010		IF		FB				
	FAH	JADNI	020		TF		FB	2.0	036.4(034T)	012.1	03000
	FAH	JADNI	030		HF	R	FB		217.3(215T)	005.0	03000
	LEWKO	LEWKO	010		IF		FB				
	LEWKO	CLINS	020	IAF	TF		FB	2.0	046.5(045T)	015.6	03000
	LEWKO	JADNI	030		TF		FB	1.0	125.9(124T)	015.2	03000
	NEROE	NEROE	010	IAF	IF		FB				
	NEROE	JADNI	020		TF		FB	1.0	204.3(202T)	023.9	03000
		JADNI	010	FACF	IF		FB				03000
		CUVUN	020	FAF	TF		FB	0.5	217.3(215T)	006.0	02600
		RW21	030	MAP	TF		FO	0.3	217.2(215T)	005.6	00793

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TORRU	040		DF		FO	1.0			03000
	TORRU	050		HM	R	FO	2.0	037.0(035T)	005.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FAH	N434607.63	W0875055.55	N4346.127	W08750.926
	CLINS	N440436.38	W0875859.36	N4404.606	W08758.989
	CUVUN	N435109.62	W0874617.73	N4351.160	W08746.296
	JADNI	N435605.54	W0874128.63	N4356.092	W08741.477
	LEWKO	N435328.04	W0881412.20	N4353.467	W08814.203
	NEROE	N441812.34	W0872856.89	N4418.206	W08728.948
	TORRU	N433607.27	W0880053.06	N4336.121	W08800.884
	RW21	N434635.88	W0875044.26	N4346.598	W08750.738

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00738	55

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO.:	SUP:
SHEBOYGAN, WI	ELEVATION: 754 TDZE: 743 AIRPORT NAME: SHEBOYGAN COUNTY MEMORIAL	RNAV	RNAV (GPS) RWY 21, AMDT 1 AUG 30 2007	AMDT: ORIG DATED: 08-05-2004

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30554; Amdt. No. 3222]

Standard Instrument Approach Procedures;

Miscellaneous Amendments

AGENCY: Federal Aviation Administration (FAA), DOT

ACTION: Final rule

SUMMARY: This amendment amends Standard Instrument Approach Procedures (SIAPs) for operations at certain airports. These regulatory actions are needed because of changes occurring in the National Airspace System, such as the commissioning of new navigational facilities, addition of new obstacles, or changes in 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 is specified in the amendatory provisions.

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

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

For Examination-

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

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

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.

For Purchase- Individual SIAP 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.

By Subscription- Copies of all SIAPs, mailed once every 2 weeks, are for sale by the Superintendent of Documents, US Government Printing Office, Washington, DC 20402.

FOR FURTHER INFORMATION CONTACT: Donald P. Pate, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Division, Flight Standards Service, Federal Aviation Administration, Mike Monroney Aeronautical Center, 6500 South

MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082 Oklahoma City, OK. 73125) telephone: (405) 954-4164.

SUPPLEMENTARY INFORMATION: This amendment to Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) amends Standard Instrument Approach Procedures (SIAPs). The complete regulatory description of each SIAP is contained in the appropriate FAA Form 8260, as modifiedby the the National Flight Data Center (FDC)/Permanent Notice to Airmen (P-NOTAM), which is incorporated by reference in the amendment under 5 U.S.C. 552(a), 1 CFR part 51, and § 97.20 of the Code of Federal Regulations. Materials incorporated by reference are available for examination or purchase as stated above.

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

THE RULE

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

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on June 1,2007

James J. Ballough

James J. Ballough
Director, Flight Standards Service

By amending: §97.23 VOR, VOR/DME, VOR or TACAN, and VOR/DME or TACAN; §97.25 LOC, LOC/DME, LDA, LDA/DME, LDA w/GS, SDF, SDF/DME; §97.27 NDB, NDB/DME; §97.29 ILS, MLS, TLS, GLS, WAAS PA, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; §97.35 COPTER SIAPs, §97.37 Takeoff Minima and Obstacle Departure Procedures. Identified as follows: .....EFFECTIVE UPON PUBLICATION

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
5/22/07	NY	MONTAUK	MONTAUK	7/1798	TAKEOFF MINIMS AND OBSTACLE DP, AMDT 2
5/23/07	MD	BALTIMORE	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	7/2223	RNAV (GPS) RWY 33L, ORIG-A
5/23/07	VT	SPRINGFIELD	HARTNESS STATE (SPRINGFIELD)	7/2224	NDB A, AMDT 6
5/23/07	PA	KUTZTOWN	KUTZTOWN	7/2225	VOR A, AMDT 1A
5/23/07	TN	KNOXVILLE	MCGHEE-TYSON	7/2226	NDB RWY 5R, AMDT 5
5/23/07	TN	KNOXVILLE	MCGHEE-TYSON	7/2227	ILS OR LOC RWY 5L, AMDT 8
5/23/07	PA	POTTSTOWN	POTTSTOWN LIMERICK	7/2228	VOR/DME A, AMDT 3

FDC 7/1798 MTP FI/P MONTAUK, MONTAUK, NY. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2...DEPARTURE PROCEDURE: RWY 24, CHANGE ALL REFERENCE TO TMU VOR TO GON VOR/DME. THIS IS TAKE OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2A.

FDC 7/2223 BWI FI/P BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. RNAV (GPS) RWY 33L, ORIG-A...CIRCLING CATS A/B VISIBILITY 1. THIS IS RNAV (GPS) Y RWY 33L, ORIG-B.

FDC 7/2224 VSF FI/P HARTNESS STATE (SPRINGFIELD), SPRINGFIELD, VT. NDB A, AMDT 6...RENAME PROCEDURE NDB-B. THIS IS NDB-B, AMDT 6A.

FDC 7/2225 N31 FI/P KUTZTOWN, KUTZTOWN, PA. VOR A, AMDT 1A...RENAME PROCEDURE VOR-B. THIS IS VOR B, AMDT 1B.

FDC 7/2226 TYS FI/P MCGHEE-TYSON, KNOXVILLE, TN. NDB RWY 5R, AMDT 5...CHANGE (DMGPE) TO (JACKF). THIS IS NDB RWY 5R, AMDT 5A.

FDC 7/2227 TYS FI/P MCGHEE-TYSON, KNOXVILLE, TN. ILS OR LOC RWY 5L, AMDT 8...CHANGE (DMGPE) TO (JACKF). THIS IS ILS OR LOC RWY 5L, AMDT 8A.

FDC 7/2228 PTW FI/P POTTSTOWN LIMERICK, POTTSTOWN, PA. VOR/DME A, AMDT 3...CATS A/B CIRCLING MDA 940/HAA 631. CAT C CIRCLING MDA 940/HAA 631, VIS 1 3/4. THIS IS VOR/DME A, AMDT 3A.