

U.S. Department
of Transportation

**Federal Aviation
Administration**

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

Transmittal Letter 08-16

June 27, 2008

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

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

The following are corrected copies of procedures published in Transmittal Letters 08-13, 08-14 and 08-15:

Bethel, AK, Bethel, RNAV (GPS) RWY 1R, Orig
Bethel, AK, Bethel, VOR/DME RWY 1L, Amdt 2
Ruby, AK, Ruby, RNAV (GPS) RWY 21, Amdt 2
Anniston, AL, Anniston Metropolitan, NDB RWY 5, Amdt 3
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 7L, Amdt 7
Los Angeles, CA, Los Angeles Intl, ILS OR LOC RWY 7R, Amdt 6
San Jose, CA, Norman Y. Mineta San Jose Intl, RNAV (RNP) Z RWY 12R, Orig
San Jose, CA, Norman Y. Mineta San Jose Intl, RNAV (RNP) Z RWY 30L, Orig
Tallahassee/Havana, FL, Tallahassee Commercial, RNAV (GPS) RWY 16, Orig
Seward, NE, Seward Muni, RNAV (GPS) RWY 16, Orig
Manchester, NH, Manchester, Takeoff Minimums and Obstacle DP, Amdt 8
Versailles, OH, Darke County, RNAV (GPS) RWY 9, Orig
Memphis, TN, Memphis Intl, ILS OR LOC RWY 18C, Amdt 1
Memphis, TN, Memphis Intl, ILS OR LOC RWY 36R, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III), Amdt 3

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LJHA (IAF)	PUYIC (NOPT) (FB)	099.14 / 6.11	2000
CITAY (IAF)	PUYIC (NOPT) (FB)	279.53 / 5.89	2000
PUYIC (IF)	BOZEL (FB)	009.34 / 6.01	1800

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 08-13

MISSED APPROACH

LNAV: LUCIK

CLIMB TO 2000 DIRECT FAPLO THEN LEFT TURN VIA 255.67 TRACK TO ROLLR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 097.18 INBOUND.
CHART FAS OBST: 234 VEGETATION 604326N/1615436W
BOZEL TO RW01R: 3.04/55.
CHART TDZE 119.
CHART VDP AT 0.52 MILES TO LUCIK.
CHART AIRPORT ELEV 126.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S PUYIC, RT, 009.34 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 009.41 FAF: BOZEL DIST FAF TO MAP: 4.54 THLD: 5.04
- MIN. ALT: PUYIC 2000, BOZEL 1800
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 14E

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			STANDARD					
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	500	1	381	500	1	381	500	1	381	500	1 1/4	381			
CIRCLING	520	1	394	580	1	454	600	1 1/2	474	680	2	554			

NOTES:
CHART NOTE: CIRCLING TO RWY 12-30 AND 1R-19L NA AT NIGHT.
CHART NOTE: CIRCLING NA WEST OF RWY 1L-19R.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.

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

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

CITY AND STATE

BETHEL, AK

ELEVATION: 126

TDZE: 119

AIRPORT NAME:

BETHEL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1R, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CITAY	CITAY	010	IAF	IF		FB				
	CITAY	PUYIC	020		TF		FB	1.0	279.5 (294T)	005.9	02000
	LIJHA	LIJHA	010	IAF	IF		FB				
	LIJHA	PUYIC	020		TF		FB	1.0	099.1 (113T)	006.1	02000
	PUYIC	PUYIC	010		HF	R	FB		009.3 (023T)	004.0	02000
		PUYIC	010	FACF	IF		FB				02000
		BOZEL	020	FAF	TF		FB	1.0	009.3 (023T)	006.0	01800
		LUCIK	030	MAP	TF		FO	0.3	009.4 (023T)	004.5	00332

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

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

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01R	00117	55

CITY AND STATE
BETHEL, AK

ELEVATION: 126 TDZE: 119
 AIRPORT NAME:
BETHEL

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **NONE**
 DATED:

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BET VORTAC	ANEYA/5.47 DME	196.48 / 5.47	2500
ROLLR/12.00 DME CCW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-207)	2000
NAVIC/12.00 DME CCW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-207)	2000
WEEKE/12.00 DME CW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-186)	2000
ULOVE/12.00 DME CW (IAF)	DURAY/12.00 DME (NOPT)	12.00 DME ARC (BET LR-186)	2000
DURAY/12.00 DME (IF)	ANEYA/5.47 DME	016.48 / 6.53 (BET R-196)	1600

MAP: VIRUC/1.67 DME

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

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

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 08-13

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

MAG VAR: 14E EPOCH YEAR:2010

MINIMUMS

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

NOTES:

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

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CAGEN (IAF)	POYOK (NOPT) (FB)	121.18 / 9.30	6000	LPV: DA LNAV/VNAV: DA LNAV: RW21 CLIMB TO 6000 DIRECT WEKAK AND LEFT TURN VIA 120.68 TRACK TO JUNUB AND VIA 030.88 TRACK TO AGIVE AND HOLD.
AGIVE (IAF)	POYOK (NOPT) (FB)	301.60 / 9.30	6000	
POYOK (IF/IAF)	WADIN (FB)	211.39 / 7.50	4800	
WADIN	RUBYO (FB)	211.19 / 7.49	2600	

THIS IS A REPLACEMENT COPY OF A PROCEDURE PUBLISHED IN TL 08-15

ADDITIONAL FLIGHT DATA:
 HOLD SE, RT, 301.60 INBOUND.
 CHART FAS OBST: 808 TREE 644539N/1552024W
 CHART FAS OBST: 956 TREE 644313N/1552603W
 DISTANCE TO THLD FROM 261 HAT: 0.70 NM.
 WAAS CHANNEL # 77807
 REFERENCE PATH ID: W21A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE POYOK, RT, 211.39 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
- FAC: 210.98 FAF: RUBYO DIST FAF TO MAP: 5.88 THLD: 5.88
- MIN. ALT: POYOK 6000, WADIN 4800, RUBYO 2600
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2600 GS ALT AT: RUBYO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- 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	
LPV DA	919	1	261	919	1	261	919	1	261		NA					
LNAV/VNAV DA	1199	2	541	1199	2	541	1199	2	541		NA					
LNAV MDA	1220	1	562	1220	1	562	1220	1 1/2	562		NA					
CIRCLING	1260	1	602	1260	1	602	1260	1 3/4	602		NA					

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING GALENA ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE RUBY, AK	ELEVATION: 658 TDZE: 658 AIRPORT NAME: RUBY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 31 JUL 2008	SUP: AMDT: 1 DATED 07/05/2007

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GALENA ALTIMETER SETTING AND INCREASE

ALL DA/MDA 340 FEET; INCREASE LPV VISIBILITY ALL CATS AND LNAV CAT C 1 1/4 MILE, LNAV/VNAV ALL

CATS VISIBILITY 2 MILES, LNAV CATS A/B AND CIRCLING CATS A/B VISIBILITY 1/4 MILE, CIRCLING CAT C

VISIBILITY 1 MILE.

TAA

	FROM	TO	ALT
1.	121/30 CW 302/30 (NOPT)	121/4 CW 302/4	7200
2.	121/4 CW 302/4	POYOK (IF/IAF) (FB)	6000
3.	302/30 CW 031/30	AGIVE (IAF) (FB)	6000
4.	031/30 CW 121/30	CAGEN (IAF) (FB)	6000

CITY AND STATE

RUBY, AK

ELEVATION: 658

TDZE: 658

AIRPORT NAME:

RUBY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2

31 JUL 2008

SUP:

AMDT: 1

DATED: 07/05/2007

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PARY
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	644350.4155N
LTP/FTP LONGITUDE	1552735.8490W
LTP/FTP ELLIPSOIDAL HEIGHT	+02084
FPAP LATITUDE	644254.2900N
FPAP LONGITUDE	1553016.8200W
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

2FAC3F52

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+02004
FPAP ORTHOMETRIC HEIGHT	+02004

CITY AND STATE

RUBY, AK

ELEVATION: 658

TDZE: 658

AIRPORT NAME:

RUBY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 21, AMDT 2

31 JUL 2008

SUP:

AMDT:

1

DATED:

07/05/2007

CHECKED

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

CITY AND STATE RUBY, AK	ELEVATION: 658 TDZE: 658 AIRPORT NAME: RUBY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, AMDT 2 31 JUL 2008	SUP:
				AMDT: 1
				DATED: 07/05/2007

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

[illegible]

SUP:	
AMDT:	1
DATED:	07/05/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AGIVE	AGIVE	010	IAF	IF		FB				
	AGIVE	POYOK	020		TF		FB	1.0	301.6 (322T)	009.3	06000
	CAGEN	CAGEN	010	IAF	IF		FB				
	CAGEN	POYOK	020		TF		FB	1.0	121.2 (141T)	009.3	06000
	POYOK	POYOK	010		HF	R	FB		211.4 (231T)	006.0	06000
		POYOK	010	FACF	IF		FB				06000
		WADIN	011	SDF	TF		FB	0.5	211.4 (231T)	007.5	04800
		RUBYO	020	FAF	TF		FB	0.5	211.2 (231T)	007.5	02600
		RW21	030	MAP	TF		FO	0.3	211.0 (231T)	005.9	00698

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WEKAK	040		DF		FB	1.0			
	JUNUB	050		TF	L	FB	1.0	120.7 (141T)		
	AGIVE	060		TF		FO	1.0	030.9 (051T)		06000
	AGIVE	070		HM	R	FO	2.0	301.6 (322T)	006.0	06000

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
	JUNUB	N643322.77	W1552319.44	N6433.380	W15523.324
	POYOK	N645653.94	W1544934.18	N6456.899	W15449.570
	RUBYO	N644732.11	W1551656.85	N6447.535	W15516.948
	WADIN	N645213.62	W1550318.01	N6452.227	W15503.300
	WEKAK	N644033.66	W1553658.71	N6440.561	W15536.979
	RW21	N644350.42	W1552735.85	N6443.840	W15527.598

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
	RW21	00658 40

CITY AND STATE
RUBY, AK

ELEVATION: 658 TDZE: 658
 AIRPORT NAME:
RUBY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, AMDT 2
31 JUL 2008

SUP:
 AMDT: **1**
 DATED: **07/05/2007**

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
TDG VOR/DME	BOGGA LOM	111.51 / 6.12	4000
GOSSE INT (IAF)	CLARC INT (NOPT)	353.82 / 6.35 (TDG R-174)	3200
LINTZ INT (IAF)	CLARC INT (NOPT)	049.36 / 6.19	3200
CLARC INT (IF)	BOGGA LOM	049.36 / 6.83	2200

THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-14. CHANGED FAC ID FROM "ANB" TO "AN" AND REMOVED 18.00 DME FROM KOCEY INT.

MISSED APPROACH

MAP: 4.29 MILES AFTER BOGGA LOM

CLIMBING RIGHT TURN TO 5000 VIA HEADING 110.00 AND VIA TDG VOR/DME R-085 TO KOCEY INT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, LT, 137.15 INBOUND.
CHART FAS OBST: 1039 TREE 333600N/0855324W
CHART 4000 PRIOR TO BOGGA LOM IN PROFILE.
CHART: R-2101, R-2102A, B, C
BOGGA LOM TO RW05: 3.44/40

- PT R SIDE OF COURSE 229.50 OUTBOUND 4000 FT WITHIN 10 MILES OF BOGGA LOM (IAF)
-
- FAC 049.50 FAF BOGGA LOM DIST FAF TO MAP 4.29 THLD 4.29
- MIN. ALT BOGGA LOM 2200
- MSA FROM: AN LOM 4000

MAG VAR: 1W

EPOCH YEAR: 1990

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A				@					
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-5		1600	3/4	1005	1600	1	1005	1600	2 1/2	1005	1600	2 3/4	1005			
CIRCLING		1600	1 1/4	988	1600	1 1/2	988	1600	3	988	1600	3	988			

NOTES:

CHART NOTE: CIRCLING NA NORTH OF RWY 5/23.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TALLADEGA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET.
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-5 CAT A VISIBILITY TO 1 1/4 AND CAT B TO 1 1/2 MILE.

@ CAT A, B 1000-2, CAT C, D 1000-3
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ANNISTON, AL	ELEVATION: 612 TDZE: 595 AIRPORT NAME: ANNISTON METROPOLITAN	FACILITY IDENTIFIER: AN	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 5, AMDT 3 31 JUL 2008	SUP NDB OR GPS RWY 5
				AMDT 2
				DATE 01/18/2000

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.03 MILES AFTER TURKA/7.16 DME/RADAR OR AT I-IAS 2.13 DME FIX CLIMB TO 3000 VIA LAX VORTAC R-068 TO DOWNE INT/LAX 15.50 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3000 VIA HEADING 069 AND SLI R-327 TO DOWNE INT/SLI 11.38 DME/RADAR AND HOLD SE, LT, 327.39 INBOUND. ADDITIONAL FLIGHT DATA: HOLD E, LT, 248.00 INBOUND. CHART FAS OBST: 203 ANT ON OL POLE 335602N/1182555W CHART LOC RWY 6L. CHART LOC RWY 6R. CHART VDP AT 3.21 DME; DISTANCE VDP TO THLD 1.08 MILES. CHART (ACISU) AT INTERSECTION OF DR LEG AND INITIAL COURSE CHART (DITDA) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE DO NOT CHART: ALTERNATE MA HOLDING AT DOWNE	
SMO VOR/DME	WAKER INT	259.00 / 18.83	5100		
FIM VORTAC	WAKER INT	158.00 / 19.62	5100		
WAKER INT (IAF)	STEMS/I-IAS 21.95 DME/RADAR	158.00 / 8.25 (FIM R-158) & 068.99 / .95 (I-IAS) (LAX LR-255)	3000*		
EXERT INT (IAF)	STEMS/I-IAS 21.95 DME/RADAR	024.00 / 1.14 (HDG) & 068.99 / .95 (I-IAS)	3000*		
STEMS/I-IAS 21.95 DME/RADAR	FEKIL/13.16 DME/RADAR	068.99 / 8.79 (I-IAS)	1800		
TANDY INT (IAF)	MERMA INT	328.00 / 9.34 (FIM R-148)	2800		
SEE 8260-10					

1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. PROFILE STARTS AT STEMS	
3. FAC: <u>068.99</u> FAF: <u>TURKA/7.16 DME/RADAR</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u>	
4. MIN. ALT: <u>STEMS 3000*, FEKIL 1800, TURKA 1800</u>	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>1101</u>	
6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>TURKA/7.16 DME/RADAR 1800</u> OM: _____ MM: _____ IM: _____	
7. GS ANGLE: <u>3.00</u> TCH: <u>58.5</u>	
8. MSA FROM: <u>LAX VORTAC 060-190 2700, 190-300 4400, 300-060 7700</u>	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	ILS: STANDARD	LOC: STANDARD									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 7L	327	1800	201	327	1800	201	327	1800	201	327	1800	201			
S-LOC 7L	520	2400	394	520	2400	394	520	2400	394	520	4000	394			
SIDESTEP 7R	520	5000	395	520	5000	395	520	5000	395	520	1 1/2	395			

NOTES:
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7R CATS A AND B.
 CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L/R.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EXERT VIA V25 WESTBOUND, V27 NORTHWEST BOUND.
 SEE 8260-10

CITY AND STATE	ELEVATION: 126	TDZE: 7L 126	FACILITY IDENTIFIER: I-IAS	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	AIRPORT NAME:	TDZE: 7R 125		ILS OR LOC RWY 7L, AMDT 7	AMDT: 6B
	LOS ANGELES INTL			31 JUL 2008	DATED 04/10/2008

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 CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MERMA INT (IAF)	FEKIL/13.16 DME/RADAR	023.99 / .81 (HDG) & 068.99 / 3.21 (I-IAS)	1800
FEKIL/13.16 DME/RADAR (IF)	TURKA/7.16 DME/RADAR	068.99 / 6.00 (I-IAS)	1800

NOTES CONT.

PROCEDURE NA FOR ARRIVALS AT MERMA VIA V25 WESTBOUND.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS

CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT, 3000.



CITY AND STATE

LOS ANGELES, CA

ELEVATION: 126

AIRPORT NAME:

LOS ANGELES INTL

TDZE: 7L 126

TDZE: 7R 125

FACILITY
IDENTIFIER:

I-IAS

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 7L, AMDT 7

31 JUL 2008

SUP:

AMDT: 6B

DATED: 04/10/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
SMO VOR/DME	WAKER INT	259.00 / 18.83	5100	ILS: DA LOC: 5.02 MILES AFTER FUMBL/7.01 DME/RADAR OR AT 1.99 DME FIX
FIM VORTAC	WAKER INT	158.00 / 19.62	5100	
WAKER INT (IAF)	OLAFF/21.82 DME/RADAR	158.00 / 8.39 (FIM R-158) (LAX LR-254)	3000*	CLIMB TO 3000 VIA LAX VORTAC R-068 TO DOWNE INT/LAX 15.50 DME/RADAR AND HOLD; OR WHEN DIRECTED BY ATC CLIMB TO 3000 VIA HEADING 069 AND SLI R-327 TO DOWNE INT/SLI 11.38 AND HOLD SE, LT, 327.39 INBOUND.
EXERT INT (IAF)	OLAFF/21.82 DME/RADAR	024.00 / .95 (HDG) & 068.99 / 1.08 (I-MKZ)	3000*	
OLAFF/21.82 DME/RADAR	TIMSE/13.02 DME/RADAR	068.99 / 8.80 (I-MKZ) & 068.99 / 1.08 (I-MKZ)	1800	ADDITIONAL FLIGHT DATA: HOLD E, LT, 248.00 INBOUND. CHART FAS OBST: 203 ANT ON OL POLE 335602N/1182555W CHART LOC RWY 6L. CHART LOC RWY 6R. CHART VDP AT 2.80 DME; DISTANCE VDP TO THLD 0.81 MILES. CHART (AVECI) AT INTERSECTION OF DR LEG AND INTIAL COURSE CHART (GIPYE) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE DO NOT CHART: ALTERNATE MA HOLDING AT DOWNE
TANDY INT (IAF)	MERMA INT	328.00 / 9.34 (FIM R-148)	2800	
MERMA INT (IAF)	TIMSE/13.02 DME/RADAR	023.99 / .62 (HDG) & 068.99 / 3.35 (I-MKZ)	1800	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT OLAFF
3. FAC: 068.99 FAF: FUMBL/7.01 DME/RADAR DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: OLAFF 3000*, TIMSE 1800, FUMBL 1800
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 1075
6. MIN GS INCPT: 1800 GS ALT AT: FUMBL/7.01 DME/RADAR 1800 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 58.7
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 7R	325	2400	200	325	2400	200	325	2400	200	325	2400	200			
S-LOC 7R	460	2400	335	460	2400	335	460	2400	335	460	4000	335			
SIDESTEP 7L	520	5000	395	520	5000	395	520	5000	395	520	1 1/2	395			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED. THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-15.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 7R CAT D VISIBILITY TO RVR 5000.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO SIDESTEP RWY 7L CAT A/B.
SEE 8260-10

CITY AND STATE	ELEVATION: 126	TDZE: 7R 125	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LOS ANGELES, CA	AIRPORT NAME:	TDZE: 7L 126	I-MKZ	ILS OR LOC RWY 7R, AMDT 6	AMDT: 5A
	LOS ANGELES INTL			31 JUL 2008	DATED 04/10/2008

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

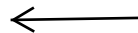
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EXERT VIA V25 WESTBOUND, V27 NORTHWEST BOUND.

PROCEDURE NA FOR ARRIVALS AT MERMA VIA V25 WESTBOUND.

CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 6L/R.

CHART PROFILE NOTE: * WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT, 3000.

CITY AND STATE
LOS ANGELES, CAELEVATION: 126 TDZE: 7R 125
AIRPORT NAME: TDZE: 7L 126
LOS ANGELES INTLFACILITY
IDENTIFIER:
I-MKZPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 7R, AMDT 6
31 JUL 2008SUP:
AMDT: 5A
DATED: 04/10/2008

U.S. Department of Transportation
Federal Aviation Administration

RNAV (RNP) - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33 ←

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	T O	COURSE AND DISTANCE	ALTITUDE												
OAK VORTAC (40V) (43A)	ARTAQ (TF) (FB) (RNP 1.00) (40E) (41E)	138.62 / 13.89	2800	MAP: DA											
ARTAQ (IF) (40E) (43I)	SUNNE (TF) (FO) (RNP 0.50) (40E) (43F)	122.72 / 6.01	1900	CLIMB TO 4600 VIA 122.82 TRACK TO HIVAK AND VIA 120.89 TRACK TO GILRO AND HOLD											
SUNNE (FAF) (40E) (43F)	RW12R (TF) (FO) (40G) (41Y) (43M)	122.76 / 5.58													
RW12R (MAP) (40G) (41Y) (43M)	HIVAK (TF) (FB) (RNP 1.00) (40E)	122.82 / 9.13													
HIVAK (40E)	GILRO (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	120.89 / 17.22	4600	ADDITIONAL FLIGHT DATA: HOLD NW, LT, 121.54 INBOUND. CHART FAS OBS: 124 ANTENNA 372256N/1215651W DIST TO THLD FROM 393 HAT: 1.08 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE 2: S #TCH: 96.2 MSL (DO NOT CHART)											
1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)															
2. PROFILE STARTS AT ARTAQ															
3. FAC: 122.76 FAF: DIST FAF TO MAP: THLD:															
4. MIN. ALT: ARTAQ 2800															
5. DIST TO THLD FROM OM: 5.58 MM: IM: 150 HAT: 100 HAT: GS ANT:															
6. MIN GS INCPT: 1900 GS ALT AT: SUNNE 1900 OM: MM: IM:															
7. GS ANGLE: 3.00 TCH: 58.1# 34:1 IS CLEAR															
8. MSA FROM: RW12R 5600				MAG VAR: 16E 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	439	1	393	439	1	393	439	1	393	439	1	393			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0C (32F) OR ABOVE 48C (119F). FOR INOPERATIVE MALSR, INCREASE RNP 0.30 VISIBILITY TO 1 1/4 MILE ALL CATS. CHART PLAN VIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OAK VORTAC AIRWAY RADIALS 093 CW 114. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-15.															
CITY AND STATE		ELEVATION: 62 TDZE: 46		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:					
SAN JOSE, CA		AIRPORT NAME		RNAV		31 JUL 2008				AMDT: NONE					
		NORMAN Y. MINETA SAN JOSE INTL				RNAV (RNP) Z RWY 12R, ORIG				DATE					

U.S. Department of Transportation
Federal Aviation Administration

RNAV (RNP) - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33 ←

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	T O	COURSE AND DISTANCE	ALTITUDE												
GILRO (IAF) (40E) (43A)	KLIDE (TF) (FB) (RNP 1.00) (40E) (41E)	299.57 / 9.90	3800	MAP: DA CLIMB TO 2800 VIA 302.82 TRACK TO ARTAQ AND HOLD.											
KLIDE (IF) (40E) (43I)	HIVAK (TF) (FB) (RNP 1.00) (40E) (43F)	302.93 / 7.33	2700												
HIVAK (FAF) (40E) (43F)	RW30L (TF) (FO) (40G) (41Y) (43M)	302.90 / 7.95		ADDITIONAL FLIGHT DATA: HOLD NW, RT, 122.72 INBOUND. CHART FAS OBST: 284 ANT ON OL BLDG 372110N/1215414W DIST TO THLD FROM 544 HAT: 1.36 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE 2: S # TCH: 111.9 MSL (DO NOT CHART)											
RW30L (MAP) (40G) (41Y) (43M)	ARTAQ (TF) (FO) (RNP 1.00) (41E) (43H)	302.82 / 12.76	2800												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)				MAG VAR: 16E EPOCH YEAR: 1990											
2. PROFILE STARTS AT KLIDE															
3. FAC: <u>302.90</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____															
4. MIN. ALT: <u>KLIDE 3800, HIVAK 2700</u>															
5. DIST TO THLD FROM OM: <u>7.95</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>HIVAK 2700</u> OM: _____ MM: _____ IM: _____															
7. GS ANGLE: <u>3.00</u> TCH: <u>54.7</u> # <u>34:1</u> IS CLEAR															
8. MSA FROM: <u>RW30L 5600</u>															
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	544	6000	487	544	6000	487	544	6000	487	544	6000	487			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW 0C (32F) OR ABOVE 48C (119F). FOR INOPERATIVE MALSR INCREASE RNP 0.30 VISIBILITY TO 1 3/4 MILE ALL CATS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GILRO VIA V485 SOUTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.															
THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-15.															
CITY AND STATE	ELEVATION: 62 TDZE: 46		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 31 JUL 2008				SUP: NONE						
SAN JOSE, CA	AIRPORT NAME: NORMAN Y. MINETA SAN JOSE INTL				RNAV (RNP) Z RWY 30L, ORIG				DATE						

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW16 CLIMBING RIGHT TURN TO 2000 DIRECT WIMDO AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 337 TOWER (10-4295) 303416N/0842257W CHART ARRIVAL HOLDING AT SZW VORTAC: HOLD SW, LT, 065.00 INBOUND, 2000 CIVBO TO RW16 3.05/30 CHART TALLAHASSEE REGIONAL ATIS, 119.45											
SZW VORTAC	WIMDO (FO)	339.77 / 10.83	2000												
WIMDO (IF/IAF)	JITGI (FB)	160.72 / 6.10	1800												
THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-13. CHANGED MISSED APCH INSTRUCTIONS FM CLIMBING RT 2000 DIRECT WIMDO AND HOLD TO CLIMBING RT TO 2000 DIRECT WIMDO AND HOLD. CHANGED ADDNL FLIGHT DATA FM CHART TALLAHASSEE ASOS, 119.45 TO CHART TALLAHASSEE RGNL ATIS 119.45.															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)				MAG VAR: 2W EPOCH YEAR: 1985											
2. <u>HOLD N WIMDO, RT, 160.72 INBOUND, 2000 FT. IN LIEU OF PT (IAF)</u>															
3. FAC: <u>160.74</u> FAF: <u>JITGI</u> DIST FAF TO MAP: <u>5.00</u> THLD: <u>5.00</u>															
4. MIN. ALT: <u>WIMDO 2000, JITGI 1800, CIVBO/1.90 NM TO RW16 800</u>															
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: <u>34:1 IS NOT CLEAR</u>															
8. MSA FROM: <u>RW16 3300</u>															
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	620	1	465	620	1	465		NA			NA				
CIRCLING	680	1	525	680	1	525		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: USE TALLAHASSEE RGNL ALTIMETER SETTING; WHEN NOT RECEIVED, USE BAINBRIDGE GA ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. CHART PLANVIEW NOTE: ARRIVAL HOLDING NOT REQUIRED AT SZW VORTAC ON AIRWAY RADIALS 088 CW 148.															
CITY AND STATE		ELEVATION: 155 TDZE: 155		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
TALLAHASSEE/HAVANA, FL		AIRPORT NAME: TALLAHASSEE COMMERCIAL				RNAV (GPS) RWY 16, ORIG				AMDT: NONE					
						03 JUL 2008				DATED					



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

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

ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAD	SZW	K7011750VTHA	N30332242W084222626	N30332242W084222626E002000180	NARSEMINOLE	I								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAEAENRT	JITGI K70	W	N30374341W084243754	W0039	NAR	JITGI	I							
SUSAEAENRT	CIVBO K70	W	N30344947W084231933	W0039	NAR	CIVBO	I							
SUSAEAENRT	WIMDO K70	W	N30432508W084271141	W0039	NAR	WIMDO	I							

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3	
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAP 68J K7A68J	0	032YHN30325030W084222580W002000155	1800018000C	MNAR	TALLAHASSEE COMMERCIAL	I								

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP 68J K7FR16	ASZW	010SZW K7D 0V	IF							18000		B JS	I
SUSAP 68J K7FR16	ASZW	020WIMDOK7EA0EY A 020TF				33980108		+ 02000				B JS	I
SUSAP 68J K7FR16	ASZW	030WIMDOK7EA0EB CR HF				16070040		+ 02000				B JS	I
SUSAP 68J K7FR16	R	010WIMDOK7EA0E I IF						+ 02000		18000		B JS	I
SUSAP 68J K7FR16	R	020JITGIK7EA1E F 051TF				16070061		+ 01800			RW16 K7PGB	JS	I
SUSAP 68J K7FR16	R	020JITGIK7EA2WN	N	ALNAV								JS	I
SUSAP 68J K7FR16	R	021CIVBOK7EA0E S 031TF				16070031	V	0080000801		-305		B JS	I
SUSAP 68J K7FR16	R	030RW16 K7PGOGY M 031TF				16070019		00185		-305		B JS	I
SUSAP 68J K7FR16	R	040WIMDOK7EA0EYM R010DF						+ 02000				B JS	I
SUSAP 68J K7FR16	R	050WIMDOK7EA0EE HR020HM				16070040		+ 02000				B JS	I

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP 68J K7GRW16	0029961608	N30330297W084223149-0100	+0019500155025330050R	I									

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

CITY AND STATE TALLAHASSEE/HAVANA, FL	ELEVATION: 155 TDZE: 155 AIRPORT NAME: TALLAHASSEE COMMERCIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 03 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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SUSAP 68J K7SRW16 K7PG

0 18018003325

M I

CITY AND STATE

TALLAHASSEE/HAVANA, FL

ELEVATION: 155

TDZE: 155

AIRPORT NAME:

TALLAHASSEE COMMERCIAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

03 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

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

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

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

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RW16	00155		30

CITY AND STATE
TALLAHASSEE/HAVANA, FL

ELEVATION: 155 TDZE: 155
 AIRPORT NAME:
TALLAHASSEE COMMERCIAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:
RNAV (GPS) RWY 16, ORIG
03 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DWELL	VOSTE (FB)	229.72 / 5.04	3300
ITBEW	SORGE (FB)	089.19 / 13.24	3300
VOSTE (IAF)	APIKY (NOPT) (FB)	258.51 / 5.00	3300
SORGE (IAF)	APIKY (NOPT) (FB)	078.37 / 5.00	3300
APIKY (IF/IAF)	ECHER (FB)	168.44 / 5.10	3100

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 3300 DIRECT AJADI AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 348.47 INBOUND.
CHART FAS OBST: 1579 TREE 405246N/0970653W
DISTANCE TO THLD FROM 327 HAT: 0.93 NM.
WAAS CHANNEL # 56507
REFERENCE PATH ID: W16A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N APIKY, RT, 168.44 INBOUND, 3300 FT. IN LIEU OF PT (IAF)
- FAC: 168.44 FAF: ECHER DIST FAF TO MAP: 4.85 THLD: 4.85
- MIN. ALT: APIKY 3300, ECHER 3100, CETRI/1.80 NM TO RW16 2100*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 3100 GS ALT AT: ECHER OM: MM: IM:
- GS ANGLE: 3.00 TCH: 41.3 34:1 IS CLEAR
- MSA FROM: RW16 4100

MAG VAR: 6E

EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒												
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1832	1 1/4	327	1832	1 1/4	327		NA			NA				
LNAV/VNAV DA	1926	1 1/2	421	1926	1 1/2	421		NA			NA				
LNAV MDA	1960	1	455	1960	1	455		NA			NA				
CIRCLING	2020	1	514	2020	1	514		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: USE LINCOLN ALTIMETER SETTING.

This is a corrected copy of a procedure published in TL 08-13, dated 05.16.2008.

CITY AND STATE SEWARD, NE	ELEVATION: 1506 TDZE: 1505 AIRPORT NAME: SEWARD MUNICIPAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP: AMD'T: NONE DATED

QUALITY
CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 6, 24, STANDARD.

RWY 17, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 277 FT PER NM TO 600.

RWY 35, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 253 FT PER NM TO 500.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 24 - CLIMB HEADING 245.00 TO 900 BEFORE PROCEEDING ON COURSE.

RWY 35 - CLIMB HEADING 352.53 TO 1300 BEFORE TURNING WEST.

THIS IS A CORRECTED COPY OF THIS PROCEDURE PUBLISHED IN TL08-15.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, TREES BEGINNING 238' FROM DER, 266' LEFT OF CENTERLINE, UP TO 108' AGL/308' MSL. TREES BEGINNING 272' FROM DER, 378' RIGHT OF CENTERLINE, UP TO 67' AGL/277' MSL. NOTE: RWY 17, TREES, POLES, AND BUILDINGS BEGINNING 761' FROM DER, 4' RIGHT OF CENTERLINE, UP TO 98' AGL/433' MSL. SIGN, POLES, TREES, AND BUILDINGS BEGINNING 976' FROM DER, 2' LEFT OF CENTERLINE, UP TO 108' AGL/457' MSL. NOTE: RWY 24, TREES BEGINNING 810' FROM DER, 424' LEFT OF CENTERLINE, UP TO 123' AGL/293' MSL. NOTE: RWY 35, TREE AND POLES BEGINNING 719' FROM DER, 558' RIGHT OF CENTERLINE, UP TO 51' AGL/281' MSL. POLE AND TREES BEGINNING 891' FROM DER, 527' LEFT OF CENTERLINE, UP TO 80' AGL/414' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 457 MSL POLE 425417.00N/0712502.00W.

RWY 24: 1,523 MSL TOWER 425854.70N/0713519.50W, 547 MSL TOWER 425426.98N/0712740.95W

RWY 35: 409 MSL TREE 425716.44N/0712718.29W, 1,523 MSL TOWER 425854.70N/0713519.50W

(5) City, State

MANCHESTER, NH

(6) Airport

MANCHESTER

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

8

QUALITY
3
4

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW09 CLIMB TO 2700 DIRECT WEGLU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 272.68 INBOUND. CHART FAS OBST: 1134 TREE 401248N/0843339W FAS OBST: 1229 AAO 401141N/0843838W VERYU TO RW09: 3.04/44											
DQN VOR/DME	COKUS (FO)	307.29 / 20.08	2700												
ROSSY	COKUS (FO)	244.68 / 8.45	2700												
MIE VOR/DME (IAF)	COKUS (NOPT) (FB)	098.23 / 29.14	2700												
COKUS (IF/IAF)	VERYU (FB)	092.39 / 5.10	2700												
This is a corrected copy of a procedure published in TL 08-14, dated 05.30.2008.															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W COKUS, RT, 092.39 INBOUND, 2700 FT. IN LIEU OF PT (IAF) 3. FAC: 092.46 FAF: VERYU DIST FAF TO MAP: 5.11 THLD: 5.11 4. MIN. ALT: COKUS 2700, VERYU 2700 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR 8. MSA FROM: RW09 2700															
				MAG VAR: 4W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1400	1	393	1400	1	393		NA			NA				
CIRCLING	1440	1	433	1480	1	453		NA			NA				
JAMES M. COX DAYTON INTL ALTIMETER SETTING MINIMUMS															
LNAV MDA	1440	1	433	1440	1	433		NA			NA				
CIRCLING	1500	1	493	1500	1	493		NA			NA				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE JAMES M. COX DAYTON INTL ALTIMETER SETTING. SEE 8260-10															
CITY AND STATE				ELEVATION: 1007 TDZE: 1007		FACILITY IDENTIFIER:		PROCEDURE NO./AMD NO./EFFECTIVE DATE:				SUP:			
VERSAILLES, OH				AIRPORT NAME:		RNAV		RNAV (GPS) RWY 9, ORIG				AMD: NONE			
				DARKE COUNTY				31 JUL 2008				DATED			

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

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

NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DQN VOR/DME AIRWAY RADIALS 264 CW 359 AND ON MIE VOR/DME AIRWAY RADIALS 063 CW 141.

CITY AND STATE

VERSAILLES, OH

ELEVATION: 1007 TDZE: 1007

AIRPORT NAME:

DARKE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	DQN	K5011450VDLA	N40005919W084234883	N40005919W084234883W001000990	NARDAYTON	I							
SUSAD	MIE	K5011440VDLA	N40141426W085233853	N40141426W085233853W003000940	NARMUNCIE	I							

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAAENRT	COKUS	K50	W	N40115885W084454316	W0058	NAR	COKUS	I					
SUSAAENRT	ROSSY	K50	C	L N40160777W084360614	W0058	NAR	ROSSY	I					
SUSAAENRT	VERYU	K50	W	N40120727W084390411	W0058	NAR	VERYU	I					
SUSAAENRT	WEGLU	K50	W	N40123133W084180646	W0058	NAR	WEGLU	I					

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KVESK5AVES	0	045YHN40121590W084315490W004001007	1800018000C	MNAR	DARKE COUNTY	I						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KVESK5FR09	ADQN	010DQN	K5D 0V	IF					18000	B JS	I	
SUSAP	KVESK5FR09	ADQN	020COKUSK5EA0EY	020TF		30730201	+ 02700				B JS	I	
SUSAP	KVESK5FR09	ADQN	030COKUSK5EA0EB	CR HF		09240040	+ 02700				B JS	I	
SUSAP	KVESK5FR09	AMIE	010MIE	K5D 0V A	IF					18000	B JS	I	
SUSAP	KVESK5FR09	AMIE	020COKUSK5EA0EE	010TF		09820291	+ 02700				B JS	I	
SUSAP	KVESK5FR09	AROSSY	010ROSSYK5EA0E	IF						18000	B JS	I	
SUSAP	KVESK5FR09	AROSSY	020COKUSK5EA0EY	020TF		24470085	+ 02700				B JS	I	
SUSAP	KVESK5FR09	AROSSY	030COKUSK5EA0EB	CR HF		09240040	+ 02700				B JS	I	
SUSAP	KVESK5FR09	R	010COKUSK5EA0E	I IF						18000	B JS	I	
SUSAP	KVESK5FR09	R	020VERYUK5EA1E	F 051TF		09240051	+ 02700				B JS	I	
SUSAP	KVESK5FR09	R	020VERYUK5EA2WN	N	ALNAV						JS	I	
SUSAP	KVESK5FR09	R	030RW09	K5PG0GY M 031TF		09250051	01049			-304	B JS	I	
SUSAP	KVESK5FR09	R	040WEGLUK5EA0EYM	010DF			+ 02700				B JS	I	
SUSAP	KVESK5FR09	R	050WEGLUK5EA0EE	HR020HM		27270040	+ 02700				B JS	I	

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

CITY AND STATE
VERSAILLES, OH

ELEVATION: 1007 TDZE: 1007
 AIRPORT NAME:
DARKE COUNTY

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

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

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SUSAP KVESK5GRW09 0045120925 N40121534W084322393+0000 +0273201005000044075R

I

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

SUSAP KVESK5SRW09 K5PG

0 18018002725

M I

CITY AND STATE
VERSAILLES, OH

ELEVATION: 1007 TDZE: 1007
AIRPORT NAME:
DARKE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DQN	DQN	010		IF		FB				
	DQN	COKUS	020		TF		FO	2.0	307.3(303T)	020.1	02700
	DQN	COKUS	030		HF	R	FO		092.4(088T)	004.0	02700
	MIE	MIE	010	IAF	IF		FB				
	MIE	COKUS	020		TF		FB	1.0	098.2(094T)	029.1	02700
	ROSSY	ROSSY	010		IF		FB				
	ROSSY	COKUS	020		TF		FO	2.0	244.7(241T)	008.5	02700
	ROSSY	COKUS	030		HF	R	FO		092.4(088T)	004.0	02700
		COKUS	010	FACF	IF		FB				02700
		VERYU	020	FAF	TF		FB	0.5	092.4(088T)	005.1	02700
		RW09	030	MAP	TF		FO	0.3	092.5(089T)	005.1	01049

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WEGLU	040		DF		FO	1.0			02700
	WEGLU	050		HM	R	FO	2.0	272.7(269T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DQN	N400059.19	W0842348.83	N4000.987	W08423.814
	MIE	N401414.26	W0852338.53	N4014.238	W08523.642
	COKUS	N401158.85	W0844543.16	N4011.981	W08445.719
	ROSSY	N401607.77	W0843606.14	N4016.130	W08436.102
	VERYU	N401207.27	W0843904.11	N4012.121	W08439.069
	WEGLU	N401231.33	W0841806.46	N4012.522	W08418.108
	RW09	N401215.34	W0843223.93	N4012.256	W08432.399

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	01005	44

CITY AND STATE
VERSAILLES, OH

ELEVATION: 1007 TDZE: 1007
 AIRPORT NAME:
 DARKE COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 9, ORIG
 31 JUL 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LAURI/MEM 13.65 DME/RADAR (IF)	JALDO/MEM 7.56 DME/RADAR	178.01 / 6.10 (MEM)	2000	ILS: DA LOC: 5.19 MILES AFTER JALDO/7.56 DME/RADAR CLIMB TO 900 THEN CLIMBING LEFT TURN TO 5000 VIA MEM VORTAC R-151 TO KEEZE INT/MEM 10.44 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000; OR WHEN DIRECTED BY ATC, CLIMB TO 4000 EXPECT RADAR VECTORS TO NESBT/HLI 23.81 DME/RADAR AND HOLD W, RT, 96.73 INBOUND, CONTINUE CLIMB-IN-HOLD TO 4000. (DME AND RADAR REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SE, RT, 331.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD W NESBT/HLI 23.81 DME/RADAR, RT, 096.73 INBOUND. CHART FAS OBST: 369 TREE 350448N/0895832W CHART DUMMS OM SUBDUED. CHART IN PLANVIEW: NESBT/HLI 23.81 DME/RADAR.

THIS IS A CORRECTED COPY OF A PROC
PUBLISHED IN TL 08-15 REMOVING INT FROM
NESBT FOR THE ALTERNATE MISSED APCH
FIX.

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. **PROFILE STARTS AT LAURI/MEM 13.65 DME/RADAR**
3. FAC: 178.01 FAF: JALDO/MEM 7.56 DME/RADAR DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: LAURI 3000, JALDO 2000, TRVOR/MEM 4.08 DME/RADAR 860*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 900
6. MIN GS INCPT: 2000 GS ALT AT: JALDO/MEM 7.56 DME/RADAR 2000 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 53.7
8. MSA FROM: MEM VORTAC 135-315 2100, 315-135 2500

MAG VAR: 1E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM	8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A		ILS: STANDARD #	LOC: STANDARD @						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18C		534	1800	244	534	1800	244	534	1800	244	534	1800	244	534	2400	244
S-LOC 18C		860	2400	570	860	2400	570	860	5000	570	860	6000	570	860	1 1/2	570
CIRCLING		860	1	519	920	1	579	920	1 1/2	579	920	2	579	1120	2 3/4	779

TRVOR FIX MINIMUMS

S-LOC 18C	700	2400	410	700	2400	410	700	4000	410	700	4000	410	700	5000	410
CIRCLING	800	1	459	920	1	579	920	1 1/2	579	920	2	579	1120	2 3/4	779

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 18C ALL CATS VISIBILITY TO RVR 5000, S-LOC 18C CAT E VISIBILITY TO 2, TRVOR FIX MINIMUMS INCREASE S-LOC 18C CAT E VISIBILITY TO 1 1/2.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.

CAT E 800-2 3/4
@ CAT E 800-2 3/4

CITY AND STATE MEMPHIS, TN	ELEVATION: 341 TDZE: 290	FACILITY IDENTIFIER: I-SDU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 18C, AMDT 1 31 JUL 2008	SUP: ILS RWY 18C
	AIRPORT NAME: MEMPHIS INTL			AMDT: ORIG-B
	DATED 10/05/2000			

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HADAN/13.97 DME/RADAR (IF)	MCGHE/6.63 DME/RADAR	358.00 / 7.34 (I-MYO)	2000	ILS: DA LOC: 4.98 MILES AFTER MCGHE/6.63 DME/RADAR OR AT I-MYO 1.65 DME FIX CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5000 VIA HEADING 070 AND MEM VORTAC R-040 TO OROCU INT/MEM VORTAC 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000; OR WHEN DIRECTED BY ATC, CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 5000 VIA HEADING 170 AND HLI VORTAC R-299 TO LARUE/HLI 10.15 DME/RADAR AND HOLD SE, RT, 298.54 INBOUND. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 220.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SE LARUE/HLI 10.15 DME/RADAR, RT, 298.54 INBOUND. CHART FAS OBST: 506 TRMSN TWR 345953N/0895804W CHART 881 TOWER 345635N/0895734W. CHART MM SUBDUED. CHART LOC RWY 36L. CHART VDP AT 2.81 DME; DISTANCE VDP TO THLD 1.16 MILES. CHART IN PLANVIEW: LARUE/HLI 10.15 DME/RADAR.
THIS IS A CORRECTED COPY OF A PROC PUBLISHED IN TL 08-15. CHANGING THE MINIMUM ALT AT HADAN FROM 2000 TO 3000.				1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT HADAN 3. FAC: <u>358.00</u> FAF: <u>MCGHE/6.63 DME/RADAR</u> DIST FAF TO MAP: <u>4.98</u> THLD: <u>4.98</u> 4. MIN. ALT: <u>HADAN 3000, MCGHE 2000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u>844</u> 150 HAT: <u> </u> 100 HAT: <u>799</u> GS ANT: <u>1131</u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>MCGHE/6.63 DME/RADAR 2000</u> OM: <u> </u> MM: <u> </u> IM: <u>437</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>58.1</u> 8. MSA FROM: <u>MEM VORTAC 135-315 2100, 315-135 2500</u>
				MAG VAR: 1E EPOCH YEAR: 2000

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @			
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 36R		535	1800	200	535	1800	200	535	1800	200	535	1800	200	535	2400	200
S-LOC 36R		760	2400	425	760	2400	425	760	4000	425	760	4000	425	760	5000	425
CIRCLING		800	1	459	920	1	579	920	1 1/2	579	920	2	579	1120	2 3/4	779

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS -36R: DA 435 MSL, 109 RA, RVR 1200, HAT 100; CATS A.B.C.D..
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS -36R: CAT IIIA RVR 700; CAT A.B.C.D.. CAT IIIB RVR 300; CAT A.B.C.D.. CAT IIIC NA.
SEE 8260-10

CAT E 800-2 3/4
 @ CAT E 800-2 3/4

CITY AND STATE MEMPHIS, TN	ELEVATION: 341 TDZE: 335 AIRPORT NAME: MEMPHIS INTL	FACILITY IDENTIFIER: I-MYO	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 36R, AMDT 3 ILS RWY 36R (CAT II), ILS RWY 36R (CAT III) 31 JUL 2008	SUP: ILS RWY 36R AMDT: 2A DATED 01/25/2002

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 36R CAT E VISIBILITY TO RVR 4000 AND S-LOC 36R CAT E VISIBILITY TO 1 1/2.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36L.

CHART NOTE: DME OR RADAR REQUIRED.

CHART PLANVIEW NOTE: RADAR REQUIRED

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

(CONTINUED FROM MISSED APPROACH) CONTINUE CLIMB-IN-HOLD TO 5000. (DME AND RADAR REQUIRED).

CITY AND STATE

MEMPHIS, TN

ELEVATION: 341 TDZE: 335

AIRPORT NAME:

MEMPHIS INTL

FACILITY
IDENTIFIER:
I-MYO

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 36R, AMDT 3
ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)

31 JUL 2008

SUP: ILS RWY 36R

AMDT: 2A

DATED: 01/25/2002

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30616; Amdt. No 3276]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

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

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

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

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

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

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

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

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

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on June 27, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97—Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

Effective 31 JUL 2008

Monticello, AR, Monticello Muni/Ellis Field, GPS RWY 3, Orig-A, CANCELLED
Monticello, AR, Monticello Muni/Ellis Field, RNAV (GPS) RWY 3, Orig
Monticello, AR, Monticello Muni/Ellis Field, RNAV (GPS) RWY 21, Orig
Monticello, AR, Monticello Muni/Ellis Field, Takeoff Minimums and Obstacle DP, Orig
Monticello, AR, Monticello Muni/Ellis Field, VOR-A, Amdt 6
Greeley, CO, Greeley-Weld County, GPS RWY 27, Orig, CANCELLED
Greeley, CO, Greeley-Weld County, ILS OR LOC RWY 34, Amdt 2
Greeley, CO, Greeley-Weld County, RNAV (GPS) RWY 16, Orig
Greeley, CO, Greeley-Weld County, RNAV (GPS) RWY 27, Orig
Greeley, CO, Greeley-Weld County, RNAV (GPS) RWY 34, Orig
Greeley, CO, Greeley-Weld County, Takeoff Minimums and Obstacle DP, Amdt 3
Greeley, CO, Greeley-Weld County, VOR OR TACAN-A, Amdt 8
Chicago, IL, Chicago Midway Intl, RNAV (GPS) RWY 4R, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 5L, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 5R, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 14, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 23L, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 23R, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (GPS) Y RWY 32, Amdt 2
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 5L, Orig
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 5R, Orig
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 14, Orig
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 23L, Orig
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 23R, Orig
Indianapolis, IN, Indianapolis Intl, RNAV (RNP) Z RWY 32, Orig
Terre Haute, IN, Terre Haute International-Hulman Field, LOC BC RWY 23, Amdt 19
Terre Haute, IN, Terre Haute International-Hulman Field, Takeoff Minimums and Obstacle DP, Orig
London, KY, London-Corbin Arpt-Magee Fld, RNAV (GPS) RWY 24, Amdt 1
Beaver Island, MI, Beaver Island, NDB RWY 27, Amdt 1
Beaver Island, MI, Beaver Island, RNAV (GPS) RWY 27, Orig
Owosso, MI, Owosso Community, Takeoff Minimums and Obstacle DP, Amdt 4
International Falls, MN, Falls Intl, COPTER ILS or LOC RWY 31, Amdt 1
International Falls, MN, Falls Intl, ILS or LOC RWY 31, Amdt 9
Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, NDB OR GPS RWY 15, Amdt 4A, CANCELLED
Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, RNAV (GPS) RWY 15, Orig
Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, RNAV (GPS) RWY 33, Orig
Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, Takeoff Minimums and Obstacle DP, Orig

Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, VOR/DME-A, Amdt 8
Mc Comb, MS, Mc Comb/Pike County/John E. Lewis Field, VOR/DME RNAV OR GPS
RWY 33, Amdt 6A, CANCELLED
Wadesboro, NC, Anson County, RNAV (GPS) RWY 34, Amdt 1
Keene, NH, Dillant-Hopkins, GPS RWY 2, Orig-A, CANCELLED
Keene, NH, Dillant-Hopkins, RNAV (GPS) RWY 2, Orig
Newark, NJ, Newark Liberty Intl, Takeoff Minimums and Obstacle DP, Amdt 4
Angel Fire, NM, Angel Fire, Takeoff Minimums and Obstacle DP, Amdt 1
Millbrook, NY, Sky Acres, RNAV (GPS) RWY 35, Amdt 1
Penn Yan, NY, Penn Yan, RNAV (GPS) RWY 1, Amdt 3
Muskogee, OK, Davis Field, RNAV (GPS) RWY 4, Amdt 1
Muskogee, OK, Davis Field, RNAV (GPS) RWY 13, Orig
Muskogee, OK, Davis Field, RNAV (GPS) RWY 22, Orig
Muskogee, OK, Davis Field, RNAV (GPS) RWY 31, Amdt 1
Muskogee, OK, Davis Field, Takeoff Minimums and Obstacle DP, Orig
Ontario, OR, Ontario Muni, NDB RWY 32, Amdt 5
Ontario, OR, Ontario Muni, RNAV (GPS) RWY 14, Orig
Ontario, OR, Ontario Muni, RNAV (GPS) RWY 32, Orig
Lancaster, PA, Lancaster, RNAV (GPS) RWY 26, Amdt 1
Lancaster, PA, Lancaster, VOR/DME RWY 26, Amdt 10
Philadelphia, PA, Philadelphia Intl, Takeoff Minimums and Obstacle DP, Amdt 8
Pittsburgh, PA, Pittsburgh International, RNAV (GPS) RWY 28R, Amdt 4
Pottstown, PA, Pottstown Muni, RNAV (GPS) RWY 26, Orig
Pottstown, PA, Pottstown Muni, VOR-B, Amdt 5
Georgetown, SC, Georgetown County, RNAV (GPS) RWY 23, Orig
Winchester, TN, Winchester Muni, NDB RWY 18, Amdt 6
Winchester, TN, Winchester Muni, RNAV (GPS) RWY 36, Orig
Winchester, TN, Winchester Muni, RNAV (GPS) Y RWY 18, Orig
Winchester, TN, Winchester Muni, RNAV (GPS) Z RWY 18, Orig
Brownsville, TX, Brownsville South Padre Island Intl, ILS OR LOC RWY 13R, Amdt 1
Dallas, TX, Dallas Love Field, ILS OR LOC RWY 31L, Amdt 21
Dallas, TX, Dallas Love Field, RNAV (GPS) RWY 31L, Amdt 1
Port Isabel, TX, Port Isabel-Cameron County, RNAV (GPS) RWY 13, Amdt 1
Port Isabel, TX, Port Isabel-Cameron County, Takeoff Minimums and Obstacle DP,
Amdt 2
Moses Lake, WA, Grant County Intl, MLS RWY 32R, Orig-B, CANCELLED
Juneau, WI, Dodge County, RNAV (GPS) RWY 2, Amdt 1
Juneau, WI, Dodge County, RNAV (GPS) RWY 20, Amdt 1
Beckley, WV, Raleigh County Memorial, RNAV (GPS) RWY 1, Orig
Beckley, WV, Raleigh County Memorial, VOR/DME OR GPS RWY 1, Amdt 3A,
CANCELLED

Effective 28 AUG 2008

Grand Forks, ND, Grand Forks Intl, RNAV (GPS) RWY 26, Amdt 1A
Ithaca, NY, Ithaca Tompkins Regional, Takeoff Minimums and Obstacle DP, Amdt 4
Waynesburg, PA, Greene County, Takeoff Minimums and Obstacle DP, Orig

Effective 25 SEP 2008

Fort Pierce, FL, St. Lucie County Intl, GPS RWY 9, Orig-B, CANCELLED
Fort Pierce, FL, St. Lucie County Intl, ILS OR LOC RWY 9, Amdt 2
Fort Pierce, FL, St. Lucie County Intl, NDB RWY 27, Amdt 1
Fort Pierce, FL, St. Lucie County Intl, RNAV (GPS) RWY 9, Orig
Fort Pierce, FL, St. Lucie County Intl, RNAV (GPS) RWY 14, Orig
Fort Pierce, FL, St. Lucie County Intl, RNAV (GPS) RWY 27, Orig
Fort Pierce, FL, St. Lucie County Intl, VOR/DME RWY 14, Amdt 8
Pahokee, FL, Palm Beach County Glades, RNAV (GPS) RWY 17, Orig
Pahokee, FL, Palm Beach County Glades, RNAV (GPS) RWY 35, Orig
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 7, Amdt 1
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 18, Orig-A
St Petersburg, FL, Albert Whitted, RNAV (GPS) RWY 36, Amdt 1
Thomasville, GA, Thomasville Regional, RNAV (GPS) RWY 22, Orig
Bloomington/Normal, IL, Central IL Rgnl Arpt at Bloomington-Normal, VOR RWY 11,
Amdt 13, CANCELLED

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

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW03
GLH VOR/DME	HUGIM (FB)	261.09 / 40.92	2000	CLIMBING RIGHT TURN TO 2000 DIRECT JOSAS AND HOLD.
HAMPT	WEPET (FB)	093.43 / 27.34	2000	
WEPET (IAF)	JOSAS (NOPT) (FB)	120.59 / 5.00	2000	
HUGIM (IAF)	JOSAS (NOPT) (FB)	300.69 / 5.00	2000	
JOSAS (IF/IAF)	HINBO (FB)	030.64 / 6.20	2000	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 529 TREE 333638N/0914654W CHART 544 POLE 333620N/0914714W. HINBO TO RW03: 3.04/52.

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW JOSAS, RT, 030.64 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 030.68 FAF: HINBO DIST FAF TO MAP: 5.20 THLD: 5.20
- MIN. ALT: JOSAS 2000, HINBO 2000, ULAYA/2.00 NM TO RW03 960
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW03 1900

MAG VAR: 1E

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	780	1	510	780	1	510	780	1 1/2	510			NA				
CIRCLING	800	1	530	800	1	530	800	1 1/2	530			NA				

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PINE BLUFF ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, LNAV CAT C AND CIRCLING CAT C VISIBILITIES 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GLH VOR/DME VIA AIRWAY RADIALS 203 CW 309.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MONTICELLO, AR	ELEVATION: 270 TDZE: 270 AIRPORT NAME: MONTICELLO MUNI/ELLIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 3, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLLQK4FR03	AGLH	010GLH	K7D	0V	IF					18000		B	JS
SUSAP KLLQK4FR03	AGLH	020HUGIMK4EA0E	A	020TF			26110409	+	02000			B	JS
SUSAP KLLQK4FR03	AGLH	030JOSASK4EA0EE		010TF			30070050	+	02000			B	JS
SUSAP KLLQK4FR03	AHAMPT	010HAMPTK4EA0E		IF						18000		B	JS
SUSAP KLLQK4FR03	AHAMPT	020WEPETK4EA0E	A	020TF			09340273	+	02000			B	JS
SUSAP KLLQK4FR03	AHAMPT	030JOSASK4EA0EE		010TF			12060050	+	02000			B	JS
SUSAP KLLQK4FR03	AJOSAS	010JOSASK4EA0EE	CR	HF			03060040	+	02000	18000		B	JS
SUSAP KLLQK4FR03	R	010JOSASK4EA0E	I	IF				+	02000	18000		B	JS
SUSAP KLLQK4FR03	R	020HINBOK4EA1E	F	051TF			03060062	+	02000		RW03	K4PGB	JS
SUSAP KLLQK4FR03	R	020HINBOK4EA2WN			N	ALNAV							JS
SUSAP KLLQK4FR03	R	025ULAYAK4EA0E	S	031TF			03070032	V	0096000961	-304		B	JS
SUSAP KLLQK4FR03	R	030RW03	K4PG0GY	M	031TF		03070020		00320	-304		B	JS
SUSAP KLLQK4FR03	R	040JOSASK4EA0EYM	R	DF				+	02000			B	JS
SUSAP KLLQK4FR03	R	050JOSASK4EA0EE	HR020HM				03060040	+	02000			B	JS

SUP:	
AMDT:	NONE
DATED:	

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

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RUNWAY 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KLLQK4GRW03 0050180307 N33375772W091451925-0500 +0055900268000052075R

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

SUSAP KLLQK4SRW03 K4PG 0 18018001925 M

CITY AND STATE
MONTICELLO, AR

ELEVATION: 270 TDZE: 270
AIRPORT NAME:
MONTICELLO MUNI/ELLIS FIELD

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GLH	GLH	010		IF		FB				
	GLH	HUGIM	020	IAF	TF		FB	2.0	261.1 (262T)	040.9	02000
	GLH	JOSAS	030		TF		FB	1.0	300.7 (302T)	005.0	02000
	HAMPT	HAMPT	010		IF		FB				
	HAMPT	WEPET	020	IAF	TF		FB	2.0	093.4 (094T)	027.3	02000
	HAMPT	JOSAS	030		TF		FB	1.0	120.6 (122T)	005.0	02000
	JOSAS	JOSAS	010		HF	R	FB		030.6 (032T)	004.0	02000
		JOSAS	010	FACF	IF		FB				02000
		HINBO	020	FAF	TF		FB	0.5	030.6 (032T)	006.2	02000
		ULAYA	025	SDF	TF		FB	0.3	030.7 (032T)	003.2	00960
		RW03	030	MAP	TF		FO	0.3	030.7 (032T)	002.0	00320

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOSAS	040		DF	R	FO				02000
	JOSAS	050		HM	R	FO	2.0	030.6 (032T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLH	N333124.70	W0905858.50	N3331.412	W09058.975
	HAMPT	N333303.41	W0923010.86	N3333.057	W09230.181
	HINBO	N333331.75	W0914835.50	N3333.529	W09148.592
	HUGIM	N332536.77	W0914723.87	N3325.613	W09147.398
	JOSAS	N332814.54	W0915229.04	N3328.242	W09152.484
	ULAYA	N333615.44	W0914634.77	N3336.257	W09146.580
	WEPET	N333052.10	W0915734.52	N3330.868	W09157.575
	RW03	N333757.72	W0914519.25	N3337.962	W09145.321

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00268	52

CITY AND STATE
MONTICELLO, AR

ELEVATION: 270 TDZE: 270
 AIRPORT NAME:
 MONTICELLO MUN/ELLIS FIELD

FACILITY
IDENTIFIER:
RNAV

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

SUP:
 AMDT: NONE
 DATED:

2
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
GLH VOR/DME	WENOB (FB)	296.35 / 31.43	2000	LNAV: RW21 CLIMB TO 2000 DIRECT JOSAS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 030.64 INBOUND. CHART FAS OBST: 369 TREE 333837N/0914518W CHART VDP AT 1.02 MILES TO RW21. OCIKO TO RW21: 3.04/52.								
RISON	ZAKAL (FB)	119.35 / 22.41	2000									
WENOB (IAF)	YASUK (NOPT) (FB)	300.84 / 5.00	2000									
ZAKAL (IAF)	YASUK (NOPT) (FB)	120.74 / 5.00	2000									
YASUK (IF/IAF)	OCIKO (FB)	210.79 / 6.20	2000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE YASUK, RT, 210.79 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC: 210.75 FAF: OCIKO DIST FAF TO MAP: 5.28 THLD: 5.28 4. MIN. ALT: YASUK 2000, OCIKO 2000, JUGAG/3.00 NM TO RW21 1240 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: 34:1 IS CLEAR 8. MSA FROM: RW21 1900				MAG VAR: 1E 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
LNAV MDA	620	1	352	620	1	352	620	1	352	NA		
CIRCLING	800	1	530	800	1	530	800	1 1/2	530	NA		
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PINE BLUFF ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, LNAV CAT C AND CIRCLING CAT C VISIBILITIES 1/4 MILE. CHART NOTE: VDP NA WITH PINE BLUFF ALTIMETER SETTING.												
CITY AND STATE MONTICELLO, AR		ELEVATION: 270 TDZE: 268 AIRPORT NAME: MONTICELLO MUN/ELLIS FIELD		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 31 JUL 2008		SUP:				
								AMDT: NONE				
								DATED				

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

[illegible]

CITY AND STATE MONTICELLO, AR	ELEVATION: 270 TDZE: 268 AIRPORT NAME: MONTICELLO MUNI/ELLIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 21, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KLLQK4GRW21 0050182107 N33383995W091444805+0500 +0048200243000052075R

SUSAP KLLQK4SRW21 K4PG 0 18018001925

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GLH	GLH	010		IF		FB				
	GLH	WENOB	020	IAF	TF		FB	2.0	296.4(297T)	031.4	02000
	GLH	YASUK	030		TF		FB	1.0	300.8(302T)	005.0	02000
	RISON	RISON	010		IF		FB				
	RISON	ZAKAL	020	IAF	TF		FB	2.0	119.4(120T)	022.4	02000
	RISON	YASUK	030		TF		FB	1.0	120.7(122T)	005.0	02000
	YASUK	YASUK	010		HF	R	FB		210.8(212T)	004.0	02000
		YASUK	010	FACF	IF		FB				02000
		OCIKO	020	FAF	TF		FB	0.5	210.8(212T)	006.2	02000
		JUGAG	021	SDF	TF		FB	0.3	210.8(212T)	002.3	01240
		RW21	030	MAP	TF		FO	0.3	210.8(212T)	003.0	00295

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOSAS	040		DF		FO	1.0			02000
	JOSAS	050		HM	R	FO	2.0	030.6(032T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLH	N333124.70	W0905858.50	N3331.412	W09058.975
	JOSAS	N332814.54	W0915229.04	N3328.242	W09152.484
	JUGAG	N334113.33	W0914254.63	N3341.222	W09142.911
	OCIKO	N334309.70	W0914128.49	N3343.162	W09141.475
	RISON	N340227.73	W0920552.65	N3402.462	W09205.878
	WENOB	N334548.29	W0913227.58	N3345.805	W09132.460
	YASUK	N334826.72	W0913733.44	N3348.445	W09137.557
	ZAKAL	N335104.94	W0914239.62	N3351.082	W09142.660
	RW21	N333839.95	W0914448.05	N3338.666	W09144.801

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00243	52

CITY AND STATE
MONTICELLO, AR

ELEVATION: 270 TDZE: 268
 AIRPORT NAME:
MONTICELLO MUN/VELLIS FIELD

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 21, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, STANDARD

RWY 21, 200 - 1 1/4 OR STANDARD WITH A MINIMUM CLIMB OF 436 FEET PER NM TO 600.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREE 278' FROM DER, 544' LEFT OF CENTERLINE, 100' AGL/ 349' MSL. VEHICLE ON ROAD 625' FROM DER, 628' RIGHT OF CENTERLINE, 15' AGL/ 264' MSL.

NOTE: RWY 21, TREE 3687' FROM DER, 819' LEFT OF CENTERLINE, 100' AGL/ 469' MSL. VEHICLE ON ROAD 1000' FROM DER, 676' LEFT OF CENTERLINE, 15' AGL/ 294' MSL. TREES BEGINNING 435' FROM DER, 607' RIGHT OF CENTERLINE, UP TO 100' AGL/ 399' MSL. POWERLINE 5621' FROM DER, 994' RIGHT OF CENTERLINE, 79' AGL/ 458' MSL. POWERLINE 4504' FROM DER, 1652' RIGHT OF CENTERLINE, 79' AGL/ 388' MSL.

(4) CONTROLLING OBSTACLES:

RWY 21: 469 MSL TREE 333722.43N-0914533.93W 448 MSL POWERLINE 333715.58N-0914604.20W

(5) City, State

MONTICELLO, AR

(6) Airport

MONTICELLO MUNI/ ELLIS FIELD

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

ORIG

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

1. PT <u>L</u> SIDE OF COURSE <u>154.88</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>MON VOR/DME</u> (IAF)		
2. _____		
3. FAC <u>334.88</u> FAF <u>MON VOR/DME</u> DIST FAF TO MAP <u>4.66</u> THLD _____		
4. MIN. ALT <u>MON VOR/DME 2000</u>		
8. MSA FROM: <u>MON VOR/DME 1900</u>	MAG VAR: 4E	EPOCH YEAR: 1980

[illegible]

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

PAGE 1 OF 1 PAGES

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GPS STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.33					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																										
TERMINAL ROUTES					MISSED APPROACH																																																																																																										
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ADDITIONAL FLIGHT DATA:																																																																																																											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____					MAG VAR: _____ EPOCH YEAR: _____																																																																																																										
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">TAKEOFF:</td> <td style="width: 10%;">STANDARD</td> <td colspan="4" style="width: 40%;">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2" style="width: 20%;">ALTERNATE: N A</td> <td colspan="4"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2" style="text-align: center;">A</td> <td colspan="2" style="text-align: center;">B</td> <td colspan="2" style="text-align: center;">C</td> <td colspan="2" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> <td style="text-align: center;">MDA</td> <td style="text-align: center;">VIS</td> <td style="text-align: center;">HAT/HAA</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>										TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A						CATEGORY =====>	A		B		C		D		E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																	
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A																																																																																																									
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	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																			
NOTES: 31 JUL 2008 PROCEDURE CANCELED EFFECTIVE																																																																																																															
CITY AND STATE GREELEY, CO		ELEVATION: 4697 TDZE: 4650 AIRPORT NAME: GREELEY-WELD COUNTY		FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 27, ORIG, 04/25/1996				SUP AMDT NONE DATE																																																																																																					

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE									
GLL VORTAC		BUFFS LOM/I-DCI 7.46 DME/RADAR		185.31 / 10.68				7000		ILS: DA LOC: 5.83 MILES AFTER BUFFS LOM/I-DCI 7.46 DME/RADAR OR AT 1.64 DME FIX							
WAVDI/GLL 17.45 DME CW (IAF)		WELDS/I-DCI 14.50 DME/RADAR (NOPT)		17.45 DME ARC (GLL LR-170)				7000		CLIMB TO 5200 THEN CLIMBING RIGHT TURN TO 7000 DIRECT GLL VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000; OR WHEN DIRECTED BY ATC, CLIMB TO 5200 THEN CLIMBING RIGHT TURN TO 7000 DIRECT BUFFS LOM/I-DCI 7.50 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000, HOLD S, RT, 346.82 INBOUND. (ADF REQUIRED).							
WELDS/14.50 DME/RADAR (IF)		BUFFS LOM/7.46 DME/RADAR		346.81 / 7.04 (I-DCI)				6600									
										ADDITIONAL FLIGHT DATA: HOLD NE, RT, 205.00 INBOUND. DO NOT CHART ALTERNATE MA HOLDING AT BUFFS LOM. CHART FAS OBST: 4849 TREE 402100N/1043653W CHART 4889 TREE 401942N/1043636W. CHART VDP AT 2.88 DME; DISTANCE VDP TO THLD 1.24 MILES. CHART GLL R-136 AT WAVDI. CHART IN PLANVIEW: BUFFS LOM/I-DCI 7.50 DME/RADAR.							
1. PT <u>L</u> SIDE OF COURSE <u>166.81</u> OUTBOUND <u>7000</u> FT WITHIN <u>10</u> MILES OF <u>BUFFS LOM</u> (IAF)										MAG VAR: 11E EPOCH YEAR: 1995							
2.																	
3. FAC: <u>346.81</u> FAF: <u>BUFFS LOM/7.46 DME/RADAR</u> DIST FAF TO MAP: <u>5.83</u> THLD: <u>5.83</u>																	
4. MIN. ALT: <u>BUFFS LOM 6600</u>																	
5. DIST TO THLD FROM OM: <u>5.83</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>900</u>																	
6. MIN GS INCPT: <u>6600</u> GS ALT AT: <u>-</u> OM: <u>6533</u> MM: <u>-</u> IM: <u>-</u>																	
7. GS ANGLE: <u>3.00</u> TCH: <u>47.8</u>																	
8. MSA FROM: <u>GLL VORTAC 360-180 6900, 180-360 8100</u>																	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		ILS: STANDARD #			LOC: STANDARD @		
CATEGORY =====>		A			B			C			D			E			
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
S-ILS 34		4865	3/4	200	4865	3/4	200	4865	3/4	200	4865	3/4	200				
S-LOC 34		5100	1	435	5100	1	435	5100	1 1/4	435	5100	1 1/2	435				
CIRCLING		5120	1	423	5160	1	463	5200	1 1/2	503	5260	2	563				
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING AND INCREASE DA TO 4950 FEET AND ALL VISIBILITY 1/4 MILE; INCREASE ALL MDA 100 FEET AND CAT C/D VISIBILITY 1/4 MILE. CHART NOTE: USE I-DCI DME WHEN ON LOCALIZER COURSE. CHART NOTE: VDP NA WHEN USING FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING.																	
CITY AND STATE		ELEVATION: 4697 TDZE: 4665					FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:					SUP:			
GREELEY, CO		AIRPORT NAME:					I-DCI		ILS OR LOC RWY 34, AMDT 2					AMDT: 1			
		GREELEY-WELD COUNTY							31 JUL 2008					DATED 01/18/2007			

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW16 CLIMB TO 7600 DIRECT JUPEK AND VIA 096.13 TRACK TO CEDUK AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 318.35 INBOUND. CHART FAS OBST: 4889 TREE 403212N/1043657W CHART 4969 TREE 403327N/1043656W. DISTANCE TO THLD FROM 281 HAT: 0.74 NM. CHART VDP AT 1.25 MILES TO RW16* *LNAV ONLY. WAAS CHANNEL # 72708 REFERENCE PATH ID: W16A											
GLL VORTAC	CILET (FO)	326.44 / 10.70	7600												
LPORT	CILET (FO)	058.76 / 15.05	8000												
WISER (IAF)	CILET (NOPT) (FB)	103.01 / 12.99	7600												
KROMM (IAF)	CILET (NOPT) (FB)	170.17 / 6.95	7600												
PACHE (IAF)	CILET (NOPT) (FB)	206.77 / 8.09	7600												
SHOOP (IAF)	CILET (NOPT) (FB)	222.38 / 21.38	7600												
CILET (IF/IAF)	ONAYI (FB)	166.81 / 7.00	6500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N CILET, RT, 166.81 INBOUND, 7600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>166.81</u> FAF: <u>ONAYI</u> DIST FAF TO MAP: <u>5.74</u> THLD: <u>5.74</u> 4. MIN. ALT: <u>CILET 7600, ONAYI 6600</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>6600</u> GS ALT AT: <u>ONAYI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.6</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW16 8800</u>				MAG VAR: 11E EPOCH YEAR: 1995											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY =====>	A		B		C	D	E								
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4978	1	281	4978	1	281	4978	1	281	4978	1	281			
LNAV/VNAV DA	5122	1 1/2	425	5122	1 1/2	425	5122	1 1/2	425	5122	1 1/2	425			
LNAV MDA	5140	1	443	5140	1	443	5140	1 1/4	443	5140	1 1/2	443			
CIRCLING	5140	1	443	5160	1	463	5200	1 1/2	503	5260	2	563			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 39C (102F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10															
CITY AND STATE GREELEY, CO		ELEVATION: 4697 TDZE: 4697 AIRPORT NAME: GREELEY-WELD COUNTY		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008				SUP: AMDT: NONE DATED					

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

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NOTES CONT.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING AND INCREASE LPV DA TO 5063 FEET AND VISIBILITY ALL CATS 1/4 MILE. INCREASE LNAV/VNAV DA TO 5207 AND VISIBILITY ALL CATS 1/4 MILE. INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CATS C AND D 1/4 MILE. INCREASE CIRCLING VISIBILITY CAT C 1/4 MILE.

CITY AND STATE

GREELEY, CO

ELEVATION: 4697

TDZE: 4697

AIRPORT NAME:

GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGXY
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	402722.4975N
LTP/FTP LONGITUDE	1043756.0520W
LTP/FTP ELLIPSOIDAL HEIGHT	+14133
FPAP LATITUDE	402543.7800N
FPAP LONGITUDE	1043751.1000W
THRESHOLD CROSSING HEIGHT (TCH)	00045.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

2E3A984A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14316
FPAP ORTHOMETRIC HEIGHT	+14316

CITY AND STATE

GREELEY, CO

ELEVATION: 4697

TDZE: 4697

AIRPORT NAME:

GREELEY-WELD COUNTY

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RNAV (GPS) RWY 16, ORIG

31 JUL 2008

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	10	11	12	13
SUSAP KGXYK2FR16	AGLL	010GCLL	K2D	OV	IF					18000			A JS
SUSAP KGXYK2FR16	AGLL	020CILETK2EA0EY	A	020TF		32640107		+ 07600					A JS
SUSAP KGXYK2FR16	AGLL	030CILETK2EA0EB	CR	HF		16680070		+ 07600					A JS
SUSAP KGXYK2FR16	AKROMM	010KROMMK2EACE	A	IF						18000			A JS
SUSAP KGXYK2FR16	AKROMM	020CILETK2EAGEE		010TF		17020070		+ 07600					A JS
SUSAP KGXYK2FR16	ALPORT	010LPORTK2EAGE		IF						18000			A JS
SUSAP KGXYK2FR16	ALPORT	020CILETK2EAGEY	A	020TF		05880151		+ 08000					A JS
SUSAP KGXYK2FR16	ALPORT	030CILETK2EA0EB	CR	HF		16680070		+ 07600					A JS
SUSAP KGXYK2FR16	APACHE	010PACHEK2EA0E	A	IF						16000			A JS
SUSAP KGXYK2FR16	APACHE	020CILETK2EAGEE		010TF		20680081		+ 07600					A JS
SUSAP KGXYK2FR16	ASHOOP	010SHOOPK2EA0E	A	IF						18000			A JS
SUSAP KGXYK2FR16	ASHOOP	020CILETK2EAGEE		010TF		22240214		+ 07600					A JS
SUSAP KGXYK2FR16	AWISER	010WISERK2EA0E	A	IF						18000			A JS

CITY AND STATE GREELEY, CO	ELEVATION: 4697 TDZE: 4697	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 16, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME:			AMDT: NONE
	GREELEY-WELD COUNTY			DATED:

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

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SUSAP KGYXK2FR16	AWISER	010CILETK2EAGE	010TF	10300130	+ 07600		A JS
SUSAP KGYXK2FR16	F	010CILETK2EAGE	I IF		+ 07600	18000	A JS
SUSAP KGYXK2FR16	R	0200HAYIK2EAGE	F 051TF	16680070	+ 06600		A JS
SUSAP KGYXK2FR16	R	0100HAYIK2EAGE	ALPVP	ALNAV/ALNAV ALNAV			JS
SUSAP KGYXK2FR16	R	1300HIS K2PGCCK	M 031TF	16650057	04743	-300	A JS
SUSAP KGYXK2FR16	R	0400HISK2EAGE	M 010DF				A JS
SUSAP KGYXK2FR16	R	0500STAKK2EAGEY	010TF	0961	+ 07000		A JS
SUSAP KGYXK2FR16	R	0600DUNK2EAGE	HRC00HM	31840070	+ 07000		A JS

[illegible]

SUSAP NGMYK2CGR16 0100001668 H40272358F104375605-0520 +14133046970000461CGR

[illegible]

SUSAP KGX7K2P15	BN16	001	0000W16.A8M4027524975W10437560520+141330300K4025437800W10437511000106750000000456F4005002E3A984A
SUSAP KGXK2P15	BN16	042E	+14315+14316LEV 72E28 500

[illegible]

SUSAP KQYIK3SRW16 F2PG 0 19018008825 M

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARRIVAL FLIGHT INSPECTION SUMMARY - VERSION 424-16

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GLL	GLL	010		IF		FB				
	GLL	CILET	020	IAP	TF		FO	2.0	326.4(337T)	010.7	07600
	GLL	CILET	030		HF	R	FO		166.8(178T)	007.0	07600
	KROMM	KROMM	010	IAP	IF		FB				
	KROMM	CILET	020		TF		FB	1.0	170.2(181T)	007.0	07600
	LPORT	LPORT	010		IF		FB				
	LPORT	CILET	020	IAP	TF		FO	2.0	658.6(670T)	015.1	08000
	LPORT	CILET	030		HF	R	FO		166.8(178T)	007.0	07600
	PACHE	PACHE	010	IAP	IF		FB				
	PACHE	CILET	020		TF		FB	1.0	206.8(218T)	008.1	07600
	SHOOP	SHOOP	010	IAP	IF		FB				
	SHOOP	CILET	020		TF		FB	1.0	222.4(233T)	021.4	07600
	WISER	WISER	010	IAP	IF		FB				
	WISER	CILET	020		TF		FB	1.0	103.0(114T)	013.0	07600
		CILET	010	FAF	IF		FB				07600
		ONAYI	020	FAF	TF		FB	0.5	166.8(178T)	007.0	06600
		RM16	020	MAP	TF		FO	0.3	166.8(178T)	005.7	04743

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JUPEK	040		DF		FB	1.0			
	CEDUK	050		TF		FO	1.0	996.1(107T)		07000
	CEDUK	060		HM	R	FO	2.0	312.4(329T)	007.0	07000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLL	N403013.92	W1043310.56	N4030.232	W10433.181
	CEDUK	N401628.09	W1042229.19	N4016.467	W10422.487
	CILET	N404036.94	W1043834.41	N4040.116	W10438.574
	JUPEK	N402002.55	W1043734.06	N4020.043	W10437.568
	KROMM	N404705.01	W1043823.22	N4047.084	W10438.387
	LPORT	N403455.87	W1045707.52	N4034.931	W10457.125
	ONAYI	N403306.97	W1043813.32	N4033.116	W10438.222
	PACHE	N404631.24	W1043203.48	N4046.521	W10432.058
	SHOOP	N405254.61	W1041601.51	N4052.910	W10416.025
	WISER	N404535.30	W1045409.80	N4045.422	W10454.163
	RM16	N402722.50	W1043756.05	N4027.375	W10437.934

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RMW			

CITY AND STATE

GREELEY, CO

ELEVATION: 4697 TDZE: 4697

AIRPORT NAME:

GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 16, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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RW15 04697 46

CITY AND STATE
GREELEY, CO

ELEVATION: 4697 TDZE: 4697
AIRPORT NAME:
GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
GLL VORTAC	ZAVRA (FO)	125.32 / 10.47	7000	LPV: DA LNAV/VNAV: DA LNAV: RW27	
CEDUK (IAF)	ZAVRA (NOPT) (FB)	340.31 / 6.25	7000	CLIMB TO 8500 DIRECT AF50Q AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8500.	
ZAVRA (IF/IAF)	OVMIE (FB)	274.58 / 6.00	6300		
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 094.42 INBOUND. CHART FAS OBST: 4719 TREE 402540N/1043729W CHART FAS OBST: 4729 TREE 402559N/1043747W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 0.90 MILES TO RW27* *LNAV ONLY. WAAS CHANNEL # 86808 REFERENCE PATH ID: W27A	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E ZAVRA, RT, 274.58 INBOUND, 7000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>274.50</u> FAF: <u>OVMIE</u> DIST FAF TO MAP: <u>4.97</u> THLD: <u>4.97</u> 4. MIN. ALT: <u>ZAVRA 7000, OVMIE 6300</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>6300</u> GS ALT AT: <u>OVMIE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW27 8500</u>					
				MAG VAR: 11E EPOCH YEAR: 1995	

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @											
CATEGORY	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	4900	3/4	250	4900	3/4	250	4900	3/4	250	4900	3/4	250				
LNAV/VNAV DA	4989	1 1/4	339	4989	1 1/4	339	4989	1 1/4	339	4989	1 1/4	339				
LNAV MDA	4980	1	330	4980	1	330	4980	1	330	4980	1	330				
CIRCLING	5120	1	423	5160	1	463	5200	1 1/2	503	5260	2	563				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 39C (102F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLL VORTAC VIA V220 WEST BOUND AND V4 NORTHWEST
 SEE 8260-10.

CITY AND STATE GREELEY, CO	ELEVATION: 4697 TDZE: 4650 AIRPORT NAME: GREELEY-WELD COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

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

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NOTES CONT.
BOUND.

CHART NOTES: VDP AND BARO-VNAV NA WHEN USING FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING AND INCREASE LPV DA TO 4985 AND VISIBILITY ALL CATS 1/2 MILE. INCREASE LNAV/VNAV DA TO 5074 AND VISIBILITY ALL CATS 1/4 MILE. INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CAT C 1/4 MILE AND CAT D 1/2 MILE. INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

GREELEY, CO

ELEVATION: 4697

TDZE: 4650

AIRPORT NAME:

GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KGXY
RUNWAY RW27
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W27A
LTP/FTP LATITUDE 402535.2310N
LTP/FTP LONGITUDE 1043733.7245W
LTP/FTP ELLIPSOIDAL HEIGHT +13973
FPAP LATITUDE 402558.9400N
FPAP LONGITUDE 1043926.2000W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0984
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

848DB364

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K2
LTP ORTHOMETRIC HEIGHT +14157
FPAP ORTHOMETRIC HEIGHT +14157

CITY AND STATE

GREELEY, CO

ELEVATION: 4697 TDZE: 4650

AIRPORT NAME:

GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-18

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

CITY AND STATE

GREELEY, CO

ELEVATION: 4697 TDZE: 4650

AIRPORT NAME:

GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
SNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

[illegible]

SUSAP EGXYK2PR27	RN27 001 000000TA0N403535210W10437337245-139730300N4025589400W10439262000106750984000500F400500848DB364
SUSAP EGXYK2PR27	RN27 002E +14157+14157LPV 36808 500

[illegible]

SUSAN RGXYR2SR927 R2PG 0 18018008525

M

CITY AND STATE
GREELEY, CO

ELEVATION: 4697 TDZE: 4650
AIRPORT NAME:
GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
31 JUL 2008

SUP:	
AMDT:	NONE
DATED:	

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

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BRINC FLIGHT INSPECTION SUMMARY - VERSION 424-13

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RMP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEDUK	CEDUK	010	IAF	IF		FB				
	CEDUK	ZAVRA	020		TF		FB	1.0	340.3(351T)	006.3	07000
	GLL	GLL	010		IF		FB				
	GLL	ZAVRA	020	IAF	TF		FO	2.0	125.3(136T)	010.5	07000
	GLL	ZAVRA	030		HF	R	FO		274.6(286T)	007.0	07000
		ZAVRA	010	FACF	IF		FB				07000
		OVHIE	020	PAF	TF		FB	6.5	274.6(286T)	006.0	06300
		RW27	030	MAP	TF		FO	0.3	274.5(286T)	005.0	04695

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RMP	MAG(TRUE)	DISTANCE	ALTITUDE
	AFSOQ	040		DF		FO	1.0			08500
	AFSOQ	050		HM	R	FO	2.0	094.4(105T)	007.0	08500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLL	N403013.93	W1043310.86	N4030.232	W10433.181
	AFSOQ	N402708.77	W1044489.65	N4027.146	W10444.978
	CEDUK	N401628.00	W1042229.19	N4016.467	W10422.487
	OVHIE	N402415.62	W1043117.25	N4024.250	W10431.288
	ZAVRA	N402239.10	W1042343.32	N4022.652	W10423.722
	RW27	N402535.23	W1043733.72	N4025.587	W10437.562

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	04645		50

CITY AND STATE
 GREELEY, CO

ELEVATION: 4697 TDZE: 4650
 AIRPORT NAME:
 GREELEY-WELD COUNTY

FACILITY IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 27, ORIG
 31 JUL 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
GLL VORTAC	WELDS (FO)	179.21 / 17.45	7000	LPV: DA LNAV/VNAV: DA LNAV: RW34 CLIMB TO 8000 DIRECT LIMIT AND VIA 025.82 TRACK TO AIMES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 8000. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 155.54 INBOUND. CHART FAS OBST: 4713 TOWER 402526N/1043823W CHART FAS OBST: 5020 TOWER 402117N/1043534W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.24 MILES TO RW34* LNAV ONLY. WAAS CHANNEL # 69607 REFERENCE PATH ID: W34A								
WAVDI (IAF)	WELDS (NOPT) (FB)	248.83 / 12.22	7000									
WELDS (IF/IAF)	JUPEK (FB)	346.82 / 7.00	6600									
1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF) 2. HOLD S WELDS, RT, 346.82 INBOUND, 7000 FT. IN LIEU OF PT (IAF) 3. FAC: 346.81 FAF: JUPEK DIST FAF TO MAP: 5.87 THLD: 5.87 4. MIN. ALT: WELDS 7000, JUPEK 6600 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT: 6. MIN GS INCPT: 6600 GS ALT AT: JUPEK OM: MM: IM: 7. GS ANGLE: 3.00 TCH: 47.8 34:1 IS CLEAR 8. MSA FROM: RW34 8700				MAG VAR: 11E EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: NA	STANDARD @							
CATEGORY ==>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4915	1	250	4915	1	250	4915	1	250	4915	1	250
LNAV/VNAV DA	4988	1 1/4	323	4988	1 1/4	323	4988	1 1/4	323	4988	1 1/4	323
LNAV MDA	5100	1	435	5100	1	435	5100	1 1/4	435	5100	1 1/2	435
CIRCLING	5120	1	423	5160	1	463	5200	1 1/2	503	5260	2	563
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 39C (102F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GLL VORTAC VIA V220 NORTHEAST BOUND. SEE 8260-10												
CITY AND STATE		ELEVATION: 4697 TDZE: 4665		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
GREELEY, CO		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 34, ORIG			AMDT: NONE			
		GREELEY-WELD COUNTY				31 JUL 2008			DATED			

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

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

NOTES CONT.

CHART NOTE: VDP AND BARO-VNAV NA WHEN USING FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING AND INCREASE LPV DA TO 5000 FEET AND VISIBILITY ALL CATS 1/4 MILE. INCREASE LNAV/VNAV DA TO 5073 FEET AND VISIBILITY ALL CATS 1/4 MILE. INCREASE ALL MDA 100 FEET AND LNAV VISIBILITY CATS C AND D 1/4 MILE. INCREASE CIRCLING VISIBILITY CAT C 1/4 MILE.

CITY AND STATE
GREELEY, CO

ELEVATION: 4697 TDZE: 4665
AIRPORT NAME:
GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGXY
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	402554.6370N
LTP/FTP LONGITUDE	1043751.6470W
LTP/FTP ELLIPSOIDAL HEIGHT	+13998
FPAP LATITUDE	402722.7300N
FPAP LONGITUDE	1043756.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00047.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	109.00
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

<u>CRC REMAINDER</u>	B00AF95A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+14182
FPAP ORTHOMETRIC HEIGHT	+14182

CITY AND STATE
GREELEY, CO

ELEVATION: 4697 TDZE: 4665
AIRPORT NAME:
GREELEY-WELD COUNTY

FACILITY
IDENTIFIER:
RNAV

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

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC PACKET - 424-18

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	10	11	12	13
SUSAP KGXYK2FR34	AGLL	010GLL	KOD OV	IF						18000		A JS	
SUSAP KGXYK2FR34	AGLL	020WELDSK2EA0EY	A	020TF		17920175		+ 07000				A JS	
SUSAP KGXYK2FR34	AGLL	030WELDSK2EA0EB	CR	HF		34680070		+ 07000				A JS	
SUSAP KGXYK2FR34	ANAVDI	010WAVDIK2EA0E	A	IF						18000		A JS	
SUSAP KGXYK2FR34	ANAVDI	020WELDSK2EA0EE		010TF		24880122		+ 07000				A JS	
SUSAP KGXYK2FR34	R	010WELDSK2EA0E	I	IF				+ 07000		18000		A JS	
SUSAP KGXYK2FR34	R	020JUPEK2EA0E	F	051TF		34580070		+ 06600			RW34	K2PGA JS	
SUSAP KGXYK2FR34	R	020JUPEK2EA2WALFV			ALNAV/VNAV							JS	
SUSAP KGXYK2FR34	R	030RM24	K2PGGCV	M	031TF		34580059		04701		-300	A JS	
SUSAP KGXYK2FR34	R	040HINITE2EA0E	M	010DF								A JS	
SUSAP KGXYK2FR34	R	050AIMBSK2EA0EY		010TF		0258		+ 08000				A JS	
SUSAP KGXYK2FR34	R	060AIMBSK2EA0EE		FR020RM		15560070		+ 08000				A JS	

[illegible]

PAGE 4 OF 6 PAGES

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[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-16

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
GLL	GLL	GLL	010		IF		FB				
GLL	WELDS	WELDS	020	IAP	TF		FO	2.0	179.2(190T)	017.5	07000
GLL	WELDS	WELDS	030		HF	R	FO		346.8(358T)	007.0	07000
WAVDI	WAVDI	WAVDI	010	IAP	IF		FB				
WAVDI	WELDS	WELDS	020		TF		FB	1.0	248.8(260T)	012.2	07000
	WELDS	WELDS	010	FACF	IF		FB				07000
	JUPEK	JUPEK	020	FAP	TF		FB	0.5	346.8(358T)	007.0	06600
	RW34	RW34	030	MAP	TF		FO	0.3	346.8(358T)	005.9	04701

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HIMTE	040		DF		FB	1.0			
	AIMES	050		TF		FO	1.0	025.8(037T)		08000
	AIMES	060		HM	R	FO	2.0	155.6(167T)	007.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLL	N403013.23	W1043310.86	N4030.232	W10433.181
	AIMRS	N403513.73	W1043250.14	N4035.229	W10432.837
	HIMTE	N402954.63	W1043803.67	N4029.911	W10438.061
	JUPEK	N400002.58	W1043754.06	N4000.043	W10437.568
	WAVDI	N401513.10	W1042131.25	N4015.218	W10421.521
	WELDS	N401302.55	W1043713.20	N4013.043	W10437.220
	RW34	N402554.64	W1043751.65	N4025.911	W10437.861

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW34	04650		43

CITY AND STATE GREELEY, CO	ELEVATION: 4697 TDZE: 4665	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME: GREELEY-WELD COUNTY			AMD'T: NONE
				DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 9, 16, 27, 34, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 9, CLIMB ON A HEADING BETWEEN 289 CW TO 211 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING LEFT TURN, THENCE...

RWY 16, CLIMB ON A HEADING BETWEEN 209 CCW TO 347 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING LEFT TURN, THENCE...

RWY 27, CLIMB ON A HEADING BETWEEN 291 CW TO 094 OR 206 CCW TO 094 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING RIGHT TURN, THENCE...

RWY 34, CLIMB ON A HEADING BETWEEN 290 CW TO 166 FROM DEPARTURE END OF RUNWAY. ALL OTHER COURSES: CLIMBING RIGHT TURN, THENCE...

...DIRECT GLL VORTAC, CLIMB IN GLL VORTAC HOLDING PATTERN (HOLD NE, RT, 205.00 INBOUND) TO 16500 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 27, TREE 1634 FEET FROM DER, 836 FEET LEFT OF CENTERLINE, 56 FEET AGL/4717 FEET MSL, FENCE 237 FEET FROM DER, 422 FEET RIGHT OF CENTERLINE, 9 FEET AGL/4670 FEET MSL, FENCE 99 FEET FROM DER, 423 FEET LEFT OF CENTERLINE, 4 FEET AGL/4665 FEET MSL.

NOTE: RWY 34, MULTIPLE TREES BEGINNING 1860 FEET FROM DER, 595 FEET RIGHT OF CENTERLINE, UP TO 67 FEET AGL/4785 FEET MSL, TREE 2854 FEET FROM DER, 524 FEET LEFT OF CENTERLINE, 73 FEET AGL/4770 FEET MSL.

(4) CONTROLLING OBSTACLES:

RWY 9: 14455 MSL AAO 401511.20N/1053651.40W, 10906 MSL AAO 403203.00N/1052736.00W, 13702 MSL AAO 400126.80N/1053912.60W.

RWY 16: 14455 MSL AAO 401511.20N/1053651.40W, 13140 MSL AAO 395948.90N-1054106.40W.

RWY 27: 14455 MSL AAO 401511.20N/1053651.40W, 10370 MSL AAO 403215.80N/1052717.50W, 13702 MSL AAO 400126.80N/1053912.60W.

RWY 34: 14455 MSL AAO 401511.20N/1053651.40W, 10698 MSL AAO 403205.64N/1052716.95W.

(5) City, State GREELEY, CO	(6) Airport GREELEY-WELD COUNTY	(7) Effective Date 31 JUL 2008	(8) Amdt. No. 3

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

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	
				MAP: 4.48 MILES AFTER GLL VORTAC OR AT MAPPT/4.48 DME FIX
				CLIMBING LEFT TURN TO 7000 DIRECT GLL VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000 (TACAN AIRCRAFT CONTINUE VIA GLL R-025 TO NOVAA/10.00 DME AND HOLD NE, RT, 205.00 INBOUND).
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 205.00 INBOUND. CHART FAS OBST: 4909 TREE 402909N/1043343W 4979 AAO 403013N/1043312W. FAC CROSSES INTERSECTION OF RWYS 16-34 AND 9-27.

1. PT L SIDE OF COURSE 025.00 OUTBOUND 7000 FT WITHIN 10 MILES OF GLL VORTAC (IAF)
 2. _____
 3. FAC 205.00 FAF GLL VORTAC DIST FAF TO MAP 4.48 THLD _____
 4. MIN. ALT GLL VORTAC 6300, WESAR/3.00 DME 5200
 8. MSA FROM: GLL VORTAC 360-180 6900, 180-360 8100

MAG VAR: 13E

EPOCH YEAR: 1970

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A			STANDARD @			
CATEGORY =====>		A			B			C			D			E		
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING		5200	1	503	5200	1	503	5200	1 1/2	503	5260	2	563			
WESAR FIX MINIMUMS																
CIRCLING		5120	1	423	5160	1	463	5200	1 1/2	503	5260	2	563			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT COLLINS-LOVELAND MUNI ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. INCREASE CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE GREELEY, CO	ELEVATION: 4697 TDZE: AIRPORT NAME: GREELEY-WELD COUNTY	FACILITY IDENTIFIER: GLL	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: VOR OR TACAN-A, AMDT 8 31 JUL 2008	SUP VOR OR TACAN OR GPS-A AMD'T 7A DATE 01/18/2007

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW04R CLIMB TO 2600 DIRECT ZEKMO AND VIA 121.85 TRACK TO NILES AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 358.00 INBOUND. CHART FAS OBST: 811 STACK 414606N/0874537W DISTANCE TO THLD FROM 361 HAT: 0.98 NM. WAAS CHANNEL # 65614 REFERENCE PATH ID: W04A											
JOT VORTAC	XEPIC (FB)	083.00 / 13.91	2600												
CGT VORTAC	NECJU (FB)	289.64 / 13.50	2600												
XEPIC (IAF)	GEJTU (FB)	044.30 / 5.00	2600												
NECJU (IAF)	GEJTU (FB)	314.40 / 5.00	2600												
GEJTU (IF)	AQNOJ (FB)	044.35 / 6.00	2500												
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT GEJTU 3. FAC: <u>044.41</u> FAF: <u>AQNOJ</u> DIST FAF TO MAP: <u>5.66</u> THLD: <u>5.66</u> 4. MIN. ALT: <u>GEJTU 2600, AQNOJ 2500, OLOXE/2.60 NM TO RW04R 1500*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>AQNOJ</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.9</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW04R 3400</u>				MAG VAR: 1W 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	980	6000	361	980	6000	361	980	6000	361	980	6000	361			
LNAV/VNAV DA	1080	1 1/2	461	1080	1 1/2	461	1080	1 1/2	461	1080	1 1/2	461			
LNAV MDA	1080	5000	461	1080	5000	461	1080	6000	461	1080	1 1/2	461			
CIRCLING	1120	1	500	1120	1	500	1120	1 1/2	500	1180	2	560			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY															
CITY AND STATE				ELEVATION: 620 TDZE: 619		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
CHICAGO, IL				AIRPORT NAME: CHICAGO MIDWAY INTL		RNAV		RNAV (GPS) RWY 4R, AMDT 2 31 JUL 2008				AMDT: 1			
												DATED 09/01/2005			

 QUALITY
2

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMDW
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	414648.6900N
LTP/FTP LONGITUDE	0874528.8400W
LTP/FTP ELLIPSOIDAL HEIGHT	+01553
FPAP LATITUDE	414731.1900N
FPAP LONGITUDE	0874435.0000W
THRESHOLD CROSSING HEIGHT (TCH)	00049.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	99.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 362498AF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01887
FPAP ORTHOMETRIC HEIGHT	+01887

CITY AND STATE

CHICAGO, IL

ELEVATION: 620 TDZE: 619

AIRPORT NAME:

CHICAGO MIDWAY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4R, AMDT 2

31 JUL 2008

SUP:

AMDT: 1

DATED: 09/01/2008

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KMDWK5FR04R	ACGT	010CGT	K5D 0V	IF						18000		A JS	
SUSAP KMDWK5FR04R	ACGT	020NECJUK5EA0E	A	020TF			28960135	+	02600			A JS	
SUSAP KMDWK5FR04R	ACGT	030GEJTUK5EA0EE		010TF			31440050	+	02600			A JS	
SUSAP KMDWK5FR04R	AJOT	010JOT	K5D 0V	IF						18000		A JS	
SUSAP KMDWK5FR04R	AJOT	020XEPICK5EA0E	A	020TF			08300139	+	02600			A JS	
SUSAP KMDWK5FR04R	AJOT	030GEJTUK5EA0EE		010TF			04430050	+	02600			A JS	
SUSAP KMDWK5FR04R	R	010GEJTUK5EA0E	I	IF				+	02600	18000		A JS	
SUSAP KMDWK5FR04R	R	020AQNOJK5EA1E	F	051TF			04440060	+	02500		RW04R K5PGA	JS	
SUSAP KMDWK5FR04R	R	020AQNOJK5EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KMDWK5FR04R	R	021LOXEK5EA0E	S	031TF			04440031	V	0150001504		-300	A JS	
SUSAP KMDWK5FR04R	R	030RW04RK5PG0GY	M	031TF			04440026		00669		-300	A JS	
SUSAP KMDWK5FR04R	R	040ZEKMOK5EA0E	M	010DF								A JS	
SUSAP KMDWK5FR04R	R	050NILESK5EA0EY		R010TFY			1219	+	02600			A JS	
SUSAP KMDWK5FR04R	R	060NILESK5EA0EE		HR020HM			35800040	+	02600			A JS	

CITY AND STATE CHICAGO, IL	ELEVATION: 620 TDZE: 619	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4R, AMDT 2 31 JUL 2008	SUP:
	AIRPORT NAME:			AMDT: 1
	CHICAGO MIDWAY INTL			DATED: 09/01/2005

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

SUSAP	KMDWK5GRW04R	0059280445	N41464869W087452884	-0200									
+0155300619051850150I													

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

SUSAP	KMDWK5PR04R	RW04R001	0000W04A0N4146486900W08745288400	+015530300N4147311900W08744350000099500000000499F400500362498AF									
SUSAP	KMDWK5PR04R	RW04R002E	+01887+01887LPV	65614									
000													

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

SUSAP	KMDWK5SRW04RK5PG			0	18018003425								
M													

CITY AND STATE
CHICAGO, IL

ELEVATION: 620 TDZE: 619
AIRPORT NAME:
CHICAGO MIDWAY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4R, AMDT 2
31 JUL 2008

SUP:
AMDT: 1
DATED: 09/01/2008

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CGT	CGT	010		IF		FB				
	CGT	NECJU	020	IAF	TF		FB	2.0	289.6 (289T)	013.5	02600
	CGT	GEJTU	030		TF		FB	1.0	314.4 (313T)	005.0	02600
	JOT	JOT	010		IF		FB				
	JOT	XEPIC	020	IAF	TF		FB	2.0	083.0 (082T)	013.9	02600
	JOT	GEJTU	030		TF		FB	1.0	044.3 (043T)	005.0	02600
		GEJTU	010	FACF	IF		FB				02600
		AQNOJ	020	FAF	TF		FB	0.5	044.4 (043T)	006.0	02500
		OLOXE	021	SDF	TF		FB	0.3	044.4 (043T)	003.1	01500
		RW04R	030	MAP	TF		FO	0.3	044.4 (043T)	002.6	00669

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZEKMO	040		DF		FB	1.0			
	NILES	050		TF	R	FO	1.0	121.9 (121T)		02600
	NILES	060		HM	R	FO	2.0	358.0 (357T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CGT	N413036.02	W0873417.56	N4130.600	W08734.293
	JOT	N413247.01	W0881906.34	N4132.784	W08819.106
	AQNOJ	N414241.96	W0875040.84	N4142.699	W08750.681
	GEJTU	N413820.01	W0875611.05	N4138.334	W08756.184
	NECJU	N413453.87	W0875120.36	N4134.898	W08751.339
	NILES	N414641.46	W0873502.61	N4146.691	W08735.044
	OLOXE	N414455.40	W0874752.22	N4144.923	W08747.870
	XEPIC	N413441.67	W0880045.46	N4134.695	W08800.758
	ZEKMO	N414942.89	W0874147.98	N4149.715	W08741.800
	RW04R	N414648.69	W0874528.84	N4146.812	W08745.481

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW04R	00619		50

CITY AND STATE
CHICAGO, IL

ELEVATION: 620 TDZE: 619
AIRPORT NAME:
CHICAGO MIDWAY INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4R, AMDT 2
31 JUL 2008

SUP:
AMDT: 1
DATED: 09/01/2008

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
KELLY (IAF)	MERLO (FB)	042.70 / 10.54	3000	LPV: DA LNAV/VNAV: DA LNAV: RW05L CLIMB TO 2900 DIRECT WINOT AND VIA 048.35 TRACK TO CLANG AND HOLD.
MERLO (IF)	CENEK (FB)	046.41 / 6.60	3000	
				ADDITIONAL FLIGHT DATA: HOLD NE, LT, 243.86 INBOUND. CHART FAS OBST: 870 TREE 394155N/0862012W FAS OBST: 934 AAO 393927N/0862433W DISTANCE TO THLD FROM 356 HAT: 0.98 NM. CHART VDP AT 1.74 MILES TO RW05L * LNAV ONLY. WAAS CHANNEL # 45706 REFERENCE PATH ID: W05A

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

2. PROFILE STARTS AT MERLO

3. FAC: 046.47 FAF: CENEK DIST FAF TO MAP: 6.80 THLD: 6.80

4. MIN. ALT: MERLO 3000, CENEK 3000

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

6. MIN GS INCPT: 3000 GS ALT AT: CENEK 3000 OM: MM: IM:

7. GS ANGLE: 3.00 TCH: 54.6 34:1 IS CLEAR

8. MSA FROM: RW05L 3100

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A										
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1104	4000	356	1104	4000	356	1104	4000	356	1104	4000	356			
LNAV/VNAV DA	1283	1 1/2	535	1283	1 1/2	535	1283	1 1/2	535	1283	1 1/2	535			
LNAV MDA	1360	2400	612	1360	2400	612	1360	6000	612	1360	1 1/2	612			
CIRCLING	1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623			

NOTES:

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000.

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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 SOUTHWEST BOUND AND V12 WESTBOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 797 TDZE: 748	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5L, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 5L AMDT: 1 DATED 02/14/2008
INDIANAPOLIS, IN	AIRPORT NAME: INDIANAPOLIS INTL			

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 KIND
RUNWAY RW05L
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W05A
LTP/FTP LATITUDE 394223.0300N
LTP/FTP LONGITUDE 0861914.9400W
LTP/FTP ELLIPSOIDAL HEIGHT +01919
FPAP LATITUDE 394341.9800N
FPAP LONGITUDE 0861734.3100W
THRESHOLD CROSSING HEIGHT (TCH) 00054.6
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

E60DDF32

ADDITIONAL PATH POINT RECORD INFORMATION

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

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 748
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 5L, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY
5L
AMDT: 1
DATED: 02/14/2008

CHECK

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

[illegible]

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 748 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5L, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 5L
				AMDT: 1
				DATED: 02/14/2008

1/2008
2
CHECKED

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

[illegible]

SUP:	RNAV (GPS) RWY 5L
AMDT:	1
DATED:	02/14/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KELLY	KELLY	010	IAF	IF		FB				
	KELLY	MERLO	020		TF		FB	1.0	042.7(041T)	010.5	03000
		MERLO	010	FACF	IF		FB				03000
		CENEK	020	FAF	TF		FB	0.5	046.4(044T)	006.6	03000
		RW05L	030	MAP	TF		FO	0.3	046.5(045T)	006.8	00793

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WINOT	040		DF		FB	1.0			
	CLANG	050		TF		FO	1.0	048.4(046T)		02900
	CLANG	060		HM	L	FO	2.0	243.9(242T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CENEK	N393731.73	W0862525.42	N3937.529	W08625.424
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	MERLO	N393248.86	W0863123.97	N3932.814	W08631.400
	WINOT	N394747.99	W0861220.10	N3947.800	W08612.335
	RW05L	N394223.03	W0861914.94	N3942.384	W08619.249

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05L	00738	55

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 748
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 5L, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY 5L
AMDT: 1
DATED: 02/14/2008

2
 CLEARED

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW05R CLIMB TO 2900 DIRECT ZEROX AND VIA 045.97 TRACK TO CLANG AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 243.86 INBOUND. CHART FAS OBST: 865 TREE 394132N/0861900W FAS OBST: 949 AAO 393823N/0862132W DISTANCE TO THLD FROM 346 HAT: 0.94 NM. CHART VDP AT 1.71 MILES TO RW05R* *LNAV ONLY. WAAS CHANNEL # 50306 REFERENCE PATH ID: W05B											
KELLY (IAF)	BIRRA (FB)	047.03 / 10.76	3100												
BIRRA (IF)	NURVE (FB)	046.42 / 6.47	3100												
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT BIRRA 3. FAC: <u>046.48</u> FAF: <u>NURVE</u> DIST FAF TO MAP: <u>6.96</u> THLD: <u>6.96</u> 4. MIN. ALT: <u>BIRRA 3100, NURVE 3100</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>NURVE 3100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.3</u> <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW05R 3100</u>															
MAG VAR: 2W EPOCH YEAR: 1985															
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	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	1137	4000	346	1137	4000	346	1137	4000	346	1137	4000	346			
LNAV/VNAV DA	1220	5000	429	1220	5000	429	1220	5000	429	1220	5000	429			
LNAV MDA	1400	2400	609	1400	2400	609	1400	6000	609	1400	1 1/2	609			
CIRCLING	1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623			
NOTES: CHART NOTE: FOR INOPERATIVE ALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 AND V12 SOUTHWEST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.															
CITY AND STATE		ELEVATION: 797 TDZE: 791		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY					
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL				RNAV (GPS) Y RWY 5R, AMDT 2				5R					
						31 JUL 2008				AMDT: 1					
										DATED 02/14/2008					

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW05R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05B
LTP/FTP LATITUDE	394200.8700N
LTP/FTP LONGITUDE	0861815.9400W
LTP/FTP ELLIPSOIDAL HEIGHT	+02073
FPAP LATITUDE	394311.2800N
FPAP LONGITUDE	0861646.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 41BFEF36

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02404
FPAP ORTHOMETRIC HEIGHT	+02404

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 791 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 5R, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 5R AMDT: 1 DATED: 02/14/2008

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

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

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

PAGE 3 OF 5 PAGES

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

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SUSAP KINDK5SRW05RK5PG 0 18018003125 M

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 5R, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY
5R
AMDT: 1
DATED: 02/14/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KELLY	KELLY	010	IAF	IF		FB				
	KELLY	BIRRA	020		TF		FB	1.0	047.0 (045T)	010.8	03100
		BIRRA	010	FACF	IF		FB				03100
		NURVE	020	FAF	TF		FB	0.5	046.4 (044T)	006.5	03100
		RW05R	030	MAP	TF		FO	0.3	046.5 (045T)	007.0	00839

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZEROX	040		DF		FB	1.0			
	CLANG	050		TF		FO	1.0	046.0 (044T)		02900
	CLANG	060		HM	L	FO	2.0	243.9 (242T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BIRRA	N393225.51	W0863026.66	N3932.425	W08630.444
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	NURVE	N393702.65	W0862435.30	N3937.044	W08624.588
	ZEROX	N394716.29	W0861133.16	N3947.272	W08611.553
	RW05R	N394200.87	W0861815.94	N3942.015	W08618.266

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05R	00789	50

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 791
 AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 5R, AMDT 2
31 JUL 2008

SUP: **RNAV (GPS) RWY 5R**
 AMDT: **1**
 DATED: **02/14/2008**

Handwritten: 11/17/08
Signature: [Signature]

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
ADVAY (IAF)	WOREL (FB)	142.29 / 4.51	2500	LPV: DA LNAV/VNAV: DA LNAV: RW14	
WOREL (IF)	JERNO (FB)	136.44 / 6.06	2500	CLIMB TO 2700 DIRECT TEKNE AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.68 INBOUND. CHART FAS OBST: 858 TREE 394434N/0861810W CHART FAS OBST: 970 TREE 394619N/0861941W DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.14 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 42602 REFERENCE PATH ID: W14A	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WOREL
- FAC: 136.50 FAF: JERNO DIST FAF TO MAP: 5.14 THLD: 5.14
- MIN. ALT: WOREL 2500, JERNO 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2500 GS ALT AT: JERNO OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.1 34:1 IS CLEAR
- MSA FROM: RW14 3100

MAG VAR: 2W

EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD										
CATEGORY =====>	A			B			C			D			E		
	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	1046	2400	250	1046	2400	250	1046	2400	250	1046	2400	250			
LNAV/VNAV DA	1230	5000	434	1230	5000	434	1230	5000	434	1230	5000	434			
LNAV MDA	1220	2400	424	1220	2400	424	1220	4000	424	1220	5000	424			
CIRCLING	1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623			

NOTES:

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.

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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ADVAY VIA V24-128-399 NORTHWEST BOUND.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 796 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 14, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 14 AMDT: 1 DATED 01/18/2007

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KIND
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W14A
LTP/FTP LATITUDE 394403.2100N
LTP/FTP LONGITUDE 0861719.8100W
LTP/FTP ELLIPSOIDAL HEIGHT +02068
FPAP LATITUDE 394310.8500N
FPAP LONGITUDE 0861610.9400W
THRESHOLD CROSSING HEIGHT (TCH) 00052.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0080
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

1AFB3FBE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02400
FPAP ORTHOMETRIC HEIGHT +02400

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 796

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 14, AMDT 2

31 JUL 2008

SUP: RNAV (GPS) RWY 14

AMDT: 1

DATED: 01/18/2007

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

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SUP:	RNAV (GPS) RWY 14
AMDT:	1
DATED:	01/18/2007

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

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

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CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 796

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 14, AMDT 2

31 JUL 2008

SUP: RNAV (GPS) RWY 14

AMDT: 1

DATED: 01/18/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ADVAY	ADVAY	010	IAF	IF		FB				
	ADVAY	WOREL	020		TF		FB	1.0	142.3 (140T)	004.5	02500
		WOREL	010	FACF	IF		FB				02500
		JERNO	020	FAF	TF		FB	0.5	136.4 (134T)	006.1	02500
		RW14	030	MAP	TF		FO	0.3	136.5 (135T)	005.1	00839

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	TEKNE	040		DF		FO	1.0			02700
	TEKNE	050		HM	R	FO	2.0	316.7 (315T)	005.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ADVAY	N395522.73	W0863126.04	N3955.379	W08631.434
	JERNO	N394739.69	W0862205.01	N3947.662	W08622.084
	TEKNE	N393456.30	W0860522.60	N3934.938	W08605.377
	WOREL	N395154.56	W0862741.75	N3951.909	W08627.696
	RW14	N394403.21	W0861719.81	N3944.054	W08617.330

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW14	00787	52

CITY AND STATE
 INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 796
 AIRPORT NAME:
 INDIANAPOLIS INTL

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) Y RWY 14, AMDT 2
 31 JUL 2008

SUP: RNAV (GPS) RWY 14
 AMDT: 1
 DATED: 01/18/2003

CHECK

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CLANG (IAF) ISOLA (IF)	ISOLA (FB)	225.72 / 11.50	2700	LPV: DA LNAV/VNAV: DA LNAV: RW23L CLIMB TO 3100 DIRECT NURVE AND VIA 226.93 TRACK TO KELLY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.82 INBOUND. CHART FAS OBST: 947 ANT 394316N/0861701W CHART FAS OBST: 901 TOWER 394345N/0861622W DISTANCE TO THLD FROM 303 HAT: 0.78 NM. CHART VDP AT 1.14 MILES TO RW23L *LNAV ONLY. WAAS CHANNEL # 86406 REFERENCE PATH ID: W23A
	ZEROX (FB)	226.70 / 7.69	2700	

1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)	
2. PROFILE STARTS AT ISOLA	
3. FAC: <u>226.63</u> FAF: <u>ZEROX</u>	DIST FAF TO MAP: <u>5.73</u> THLD: <u>5.73</u>
4. MIN. ALT: <u>ISOLA 2700, ZEROX 2700</u>	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____	
6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>ZEROX 2700</u> OM: _____ MM: _____ IM: _____	
7. GS ANGLE: <u>3.00</u> TCH: <u>58.5</u> <u>34:1 IS CLEAR</u>	
8. MSA FROM: <u>RW23L 3100</u>	

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A	STANDARD					
CATEGORY =====>	A			B			C			D			E		
	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	1093	2400	303	1093	2400	303	1093	2400	303	1093	2400	303			
LNAV/VNAV DA	1203	5000	413	1203	5000	413	1203	5000	413	1203	5000	413			
LNAV MDA	1220	2400	430	1220	2400	430	1220	4000	430	1220	5000	430			
CIRCLING	1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623			

NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.				
CITY AND STATE	ELEVATION: 797 TDZE: 790	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 23L
INDIANAPOLIS, IN	AIRPORT NAME: INDIANAPOLIS INTL		RNAV (GPS) Y RWY 23L, AMDT 2 31 JUL 2008	AMDT: 1
				DATED 02/14/2008

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW23L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	394311.2800N
LTP/FTP LONGITUDE	0861646.1700W
LTP/FTP ELLIPSOIDAL HEIGHT	+02068
FPAP LATITUDE	394200.8700N
FPAP LONGITUDE	0861815.9400W
THRESHOLD CROSSING HEIGHT (TCH)	00058.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

65983015

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02401
FPAP ORTHOMETRIC HEIGHT	+02401

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23L, AMDT 2
31 JUL 2008

SUP:	RNAV (GPS) RWY 23L
AMDT:	1
DATED:	02/14/2008

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

[illegible]

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 790	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 23L, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 23L
	AIRPORT NAME: INDIANAPOLIS INTL			AMDT: 1
				DATED: 02/14/2008

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

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

MSA 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KINDK5SRW23LK5PG

0 18018003125

M

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23L, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY
23L
AMDT: 1
DATED: 02/14/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLANG	CLANG	010	IAF	IF		FB				
	CLANG	ISOLA	020		TF		FB	1.0	225.7 (224T)	011.5	02700
		ISOLA	010	FACF	IF		FB				02700
		ZEROX	020	FAF	TF		FB	0.5	226.7 (225T)	007.7	02700
		RW23L	030	MAP	TF		FO	0.3	226.6 (225T)	005.7	00847

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NURVE	040		DF		FB	1.0			
	KELLY	050		TF		FO	1.0	226.9 (225T)		03100
	KELLY	060		HM	R	FO	2.0	070.8 (069T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	ISOLA	N395244.52	W0860432.40	N3952.742	W08604.540
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	NURVE	N393702.65	W0862435.30	N3937.044	W08624.588
	ZEROX	N394716.29	W0861133.16	N3947.272	W08611.553
	RW23L	N394311.28	W0861646.17	N3943.188	W08616.770

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23L	00788	59

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 790
 AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23L, AMDT 2
31 JUL 2008

SUP:	RNAV (GPS) RWY 23L
AMDT:	1
DATED:	02/14/2008

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW23R CLIMB TO 3100 DIRECT CENЕК AND VIA 224.25 TRACK TO KELLY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.82 INBOUND. CHART FAS OBST: 923 TOWER 394417N/0861648W FAS OBST: 954 AAO 394634N/0861521W DISTANCE TO THLD FROM 389 HAT: 1.05 NM. CHART VDP AT 1.17 MILES TO RW23R *LNAV ONLY. WAAS CHANNEL # 77706 REFERENCE PATH ID: W23B						
CLANG (IAF)		CLAPR (FB)		229.69 / 11.57				2700								
CLAPR (IF)		WINOT (FB)		226.69 / 7.67				2700								
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT CLAPR 3. FAC: <u>226.62</u> FAF: <u>WINOT</u> DIST FAF TO MAP: <u>5.75</u> THLD: <u>5.75</u> 4. MIN. ALT: <u>CLAPR 2700, WINOT 2700</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>WINOT 2700</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW23R 3100</u>										MAG VAR: 2W		EPOCH YEAR: 1985				
MINIMUMS																
TAKEOFF: <u> </u>		STANDARD ☒		SEE FAA FORM 8260-15A		FOR THIS AIRPORT		ALTERNATE: N A		STANDARD						
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1172	4000	389	1172	4000	389	1172	4000	389	1172	4000	389			
LNAV/VNAV DA		1242	5000	459	1242	5000	459	1242	5000	459	1242	5000	459			
LNAV MDA		1220	2400	437	1220	2400	437	1220	4000	437	1220	5000	437			
CIRCLING		1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623			
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 6000. 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.																
CITY AND STATE		ELEVATION: 797 TDZE: 783			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP: RNAV (GPS) RWY 23R			AMDT: 1		
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL						RNAV (GPS) Y RWY 23R, AMDT 2						DATED 02/14/2008		
								31 JUL 2008								

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KIND
RUNWAY RW23R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23B
LTP/FTP LATITUDE 394341.9100N
LTP/FTP LONGITUDE 0861734.4000W
LTP/FTP ELLIPSOIDAL HEIGHT +02055
FPAP LATITUDE 394222.9700N
FPAP LONGITUDE 0861915.0300W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.50
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

2B95AFEF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02387
FPAP ORTHOMETRIC HEIGHT +02387

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23R, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY
23R
AMDT: 1
DATED: 02/14/2008

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

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ARINC PACKET - 424-18

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT CENEK K50 W N39373173W086252542 W0040 NAR CENEK												
	SUSAEENRT CLANG K50 C L N40010381W085541318 W0050 NAR CLANG												
	SUSAEENRT CLAPR K50 C N39531547W086052038 W0040 NAR CLAPR												
	SUSAEENRT KELLY K50 C L N39244915W086401729 W0040 NAR KELLY												
	SUSAEENRT WINOT K50 C N39474799W086122010 W0040 NAR WINOT												

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KINDK5AIND 0 112YHN39430228W086174078W002000797 1800018000C MNAR INDIANAPOLIS INTL												

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KINDK5FR23RY ACLANG 010CLANGK5EA0E A IF 18000 A JS												
	SUSAP KINDK5FR23RY ACLANG 020CLAPRK5EA0EE 010TF 22970116 + 02700 A JS												
	SUSAP KINDK5FR23RY R 010CLAPRK5EA0E I IF 18000 A JS												
	SUSAP KINDK5FR23RY R 020WINOTK5EA1E F 051TF 22670077 + 02700 RW23R K5PGA JS												
	SUSAP KINDK5FR23RY R 020WINOTK5EA2WALPV ALNAV/VNAV ALNAV JS												
	SUSAP KINDK5FR23RY R 030RW23RK5PG0GY M 031TF 22660058 00838 -300 A JS												
	SUSAP KINDK5FR23RY R 040CENEKK5EA0E M 010DF A JS												
	SUSAP KINDK5FR23RY R 050KELLYK5EA0EY 010TF 2243 + 03100 A JS												
	SUSAP KINDK5FR23RY R 060KELLYK5EA0EE HR020HM 07080040 + 03100 A JS												

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KINDK5GRW23R 0112002266 N39434191W086173440-0400 +0205500783000055150I												

PP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KINDK5PR23RY RW23R001Y0000W23B0N3943419100W08617344000+020550300N3942229700W08619150300106500000000550F4005002B95AFEF												
	SUSAP KINDK5PR23RY RW23R002E +02387+02387LPV 77706 000												

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783
 AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23R, AMDT 2
31 JUL 2008

SUP: **RNAV (GPS) RWY 23R**
 AMDT: **1**
 DATED: **02/14/2008**

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

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

MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KINDK5SRW23RK5PG 0 18018003125 M

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783
AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23R, AMDT 2
31 JUL 2008

SUP: RNAV (GPS) RWY
23R
AMDT: 1
DATED: 02/14/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CLANG	CLANG	010	IAF	IF		FB				
	CLANG	CLAPR	020		TF		FB	1.0	229.7 (228T)	011.6	02700
		CLAPR	010	FACF	IF		FB				02700
		WINOT	020	FAF	TF		FB	0.5	226.7 (225T)	007.7	02700
		RW23R	030	MAP	TF		FO	0.3	226.6 (225T)	005.8	00838

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CENEK	040		DF		FB	1.0			
	KELLY	050		TF		FO	1.0	224.3 (222T)		03100
	KELLY	060		HM	R	FO	2.0	070.8 (069T)	004.0	03100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CENEK	N393731.73	W0862525.42	N3937.529	W08625.424
	CLANG	N400103.81	W0855413.18	N4001.064	W08554.220
	CLAPR	N395315.47	W0860520.38	N3953.258	W08605.340
	KELLY	N392449.15	W0864017.29	N3924.819	W08640.288
	WINOT	N394747.99	W0861220.10	N3947.800	W08612.335
	RW23R	N394341.91	W0861734.40	N3943.699	W08617.573

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23R	00783	55

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 783
 AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 23R, AMDT 2
31 JUL 2008

SUP: **RNAV (GPS) RWY 23R**
 AMDT: **1**
 DATED: **02/14/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ROSES	TEKNE (FO)	068.13 / 10.59	2700	LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 2500 DIRECT WOREL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.44 INBOUND. CHART FAS OBST: 841 TREE 394301N/0861536W CHART FAS OBST: 855 BLDG 394307N/0861627W CHART 928 TOWER 393937N/0861125W. DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.02 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 62802 REFERENCE PATH ID: W32A
HEVAV (IAF)	TEKNE (NOPT) (FB)	263.76 / 5.71	2700	
CARRF (IAF)	TEKNE (NOPT) (FB)	318.52 / 4.15	2700	
TEKNE (IF/IAF)	JOMAR (FB)	316.67 / 6.01	2700	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE TEKNE, RT, 316.68 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
- FAC: 316.62 FAF: JOMAR DIST FAF TO MAP: 5.76 THLD: 5.76
- MIN. ALT: TEKNE 2700, JOMAR 2700
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: JOMAR OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.9 34:1 IS CLEAR
- MSA FROM: RW32 3100

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD											
CATEGORY =====>	A			B			C			D			E			
	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	1042	2400	250	1042	2400	250	1042	2400	250	1042	2400	250				
LNAV/VNAV DA	1275	6000	483	1275	6000	483	1275	6000	483	1275	6000	483				
LNAV MDA	1180	2400	388	1180	2400	388	1180	2400	388	1180	5000	388				
CIRCLING	1420	1	623	1420	1	623	1420	1 3/4	623	1420	2	623				

NOTES:
 CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO RVR 6000.
 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CARRF VIA V128 SOUTHEAST BOUND.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 792 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 32, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 32 AMDT: 1 DATED 01/18/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIND
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	394312.7300N
LTP/FTP LONGITUDE	0861613.4200W
LTP/FTP ELLIPSOIDAL HEIGHT	+02053
FPAP LATITUDE	394403.3900N
FPAP LONGITUDE	0861720.0600W
THRESHOLD CROSSING HEIGHT (TCH)	00052.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

6440D67D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02385
FPAP ORTHOMETRIC HEIGHT	+02385

CITY AND STATE

INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 792

AIRPORT NAME:

INDIANAPOLIS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 32, AMDT 2

31 JUL 2008

SUP: RNAV (GPS) RWY 32

AMDT: 1

DATED: 01/18/2009

QUALITY
CHECKED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KINDK5FR32-Y	ACARRF	010CARRFK5EA0E	A	IF					18000		A JS	
SUSAP	KINDK5FR32-Y	ACARRF	020TEKNEK5EA0EE	010TF		31850042		+ 02700				A JS	
SUSAP	KINDK5FR32-Y	AHEVAV	010HEVAVK5EA0E	A	IF					18000		A JS	
SUSAP	KINDK5FR32-Y	AHEVAV	020TEKNEK5EA0EE	010TF		26380057		+ 02700				A JS	
SUSAP	KINDK5FR32-Y	AROSSES	010ROSESK5EA0E		IF					18000		A JS	
SUSAP	KINDK5FR32-Y	AROSSES	020TEKNEK5EA0EY	A	020TF	06810106		+ 02700				A JS	
SUSAP	KINDK5FR32-Y	AROSSES	030TEKNEK5EA0EB	CR	HF	31670050		+ 02700				A JS	
SUSAP	KINDK5FR32-Y	R	010TEKNEK5EA0E	I	IF			+ 02700		18000		A JS	
SUSAP	KINDK5FR32-Y	R	020JOMARK5EA1E	F	051TF	31670060		+ 02700			RW32	K5PGA	JS
SUSAP	KINDK5FR32-Y	R	020JOMARK5EA2WALPV			ALNAV/VNAV	ALNAV						JS
SUSAP	KINDK5FR32-Y	R	030RW32	K5PG0GY	M	031TF	31660058		00835	-300		A JS	
SUSAP	KINDK5FR32-Y	R	040WORELK5EA0EYM		010DF			+ 02500				A JS	
SUSAP	KINDK5FR32-Y	R	050WORELK5EA0EE	HR	020HM	13640050		+ 02500				A JS	

[illegible][illegible]

CITY AND STATE INDIANAPOLIS, IN	ELEVATION: 797 TDZE: 792 AIRPORT NAME: INDIANAPOLIS INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 32, AMDT 2 31 JUL 2008	SUP: RNAV (GPS) RWY 32
				AMDT: 1
				DATED: 01/18/2003

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

[illegible]

SUP:	RNAV (GPS) RWY 32
AMDT:	1
DATED:	01/18/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CARRF	CARRF	010	IAF	IF		FB				
	CARRF	TEKNE	020		TF		FB	1.0	318.5 (317T)	004.2	02700
	HEVAV	HEVAV	010	IAF	IF		FB				
	HEVAV	TEKNE	020		TF		FB	1.0	263.8 (262T)	005.7	02700
	ROSES	ROSES	010		IF		FB				
	ROSES	TEKNE	020	IAF	TF		FO	2.0	068.1 (066T)	010.6	02700
	ROSES	TEKNE	030		HF	R	FO		316.7 (315T)	005.0	02700
		TEKNE	010	FACF	IF		FB				02700
		JOMAR	020	FAF	TF		FB	0.5	316.7 (315T)	006.0	02700
		RW32	030	MAP	TF		FO	0.3	316.6 (315T)	005.8	00835

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WOREL	040		DF		FO	1.0			02500
	WOREL	050		HM	R	FO	2.0	136.4 (134T)	005.0	02500

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CARRF	N393155.54	W0860140.98	N3931.926	W08601.683
	HEVAV	N393545.70	W0855803.75	N3935.762	W08558.063
	JOMAR	N393909.78	W0861054.43	N3939.163	W08610.907
	ROSES	N393039.50	W0861754.38	N3930.658	W08617.906
	TEKNE	N393456.30	W0860522.60	N3934.938	W08605.377
	WOREL	N395154.56	W0862741.75	N3951.909	W08627.696
	RW32	N394312.73	W0861613.42	N3943.212	W08616.224

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00782	53

CITY AND STATE
INDIANAPOLIS, IN

ELEVATION: 797 TDZE: 792
 AIRPORT NAME:
INDIANAPOLIS INTL

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) Y RWY 32, AMDT 2
31 JUL 2008

SUP: **RNAV (GPS) RWY 32**
 AMDT: **1**
 DATED: **01/18/2008**

CHECKED

QUALITY
2
CHECKER

U.S. Department of Transportation
Federal Aviation Administration

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
KELLY (IAF) (40E) (43A) BIRRA (IF) (40E) (43I) NURVE (FAF) (40E) (43F) RW05R (MAP) (40G) (43M) ZEROX (40E)	BIRRA (TF) (FB) (RNP 1.00) (40E) (41E)	047.03 / 10.76	3100	MAP: DA											
	NURVE (TF) (FB) (RNP 0.50) (40E) (43F)	046.42 / 6.47	3100	CLIMB TO 2900 VIA 046.55 TRACK TO ZEROX AND 045.97 TRACK TO CLANG AND HOLD.											
	RW05R (TF) (FO) (40G) (43M)	046.48 / 6.96													
	ZEROX (TF) (FB) (RNP 1.00) (40E)	046.55 / 7.38													
	CLANG (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	045.97 / 19.18	2900	ADDITIONAL FLIGHT DATA: HOLD NE, LT, 243.86 INBOUND CHART FAS OBST: 865 TREE 394132N/0861900W DISTANCE TO THLD FROM 399 HAT: 1.10 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S *TCH 839.1 MSL (DO NOT CHART)											
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															
2. PROFILE STARTS AT <u>BIRRA</u>															
3. FAC: <u>046.48</u> FAF: <u> </u> DIST FAF TO MAP: <u> </u> THLD: <u> </u>															
4. MIN. ALT: <u>BIRRA 3100</u>															
5. DIST TO THLD FROM OM: <u>6.96</u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: <u>3100</u> GS ALT AT: <u>NURVE 3100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>50.3*</u> 34:1 IS NOT CLEAR															
8. MSA FROM: <u>RW05R 3100</u>				MAG VAR: 2W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	STANDARD	☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N	A	☒									
CATEGORY =====>	A		B		C		D	E							
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.19 DA	1190	5000	399	1190	5000	399	1190	5000	399	1190	5000	399			
RNP 0.30 DA	1219	5000	428	1219	5000	428	1219	5000	428	1219	5000	428			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). FOR INOPERATIVE ALSF, INCREASE RNP 0.30 AND RNP 0.19 VISIBILITY TO 1 1/2 MILE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KELLY VIA V11 AND V12 SOUTHWEST BOUND. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.															
CITY AND STATE		ELEVATION: 797 TDZE: 791		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:				SUP:					
INDIANAPOLIS, IN		AIRPORT NAME: INDIANAPOLIS INTL		RNAV		31 JUL 2008 RNAV (RNP) Z RWY 5R, ORIG				AMDT: NONE					
										DATE					

QUALITY
CHECKER

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TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: DA						
ADVAY (IAF) (40E) (43A)		WOREL (TF) (FB) (RNP 1.00) (40E)		142.29 / 4.51				2500		CLIMB TO 2700 VIA 136.55 TRACK TO TEKNE AND HOLD.						
WOREL (IF) (40E) (43I)		JERNO (TF) (FB) (RNP 1.00) (40E) (43F)		136.44 / 6.06				2500								
JERNO (FAF) (40E) (43F)		RW14 (TF) (FO) (40G) (43M)		136.50 / 5.14												
RW14 (MAP) (40G) (43M)		TEKNE (DF) (FO) (RNP 1.00) (40E) (41E) (43H)		136.55 / 12.97				2700								
										ADDITIONAL FLIGHT DATA: HOLD SE, RT, 316.68 INBOUND CHART FAS OBST: 858 TREE 394434N / 0861810W DIST TO THLD FROM 297 HAT: 0.80 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S *TCH 839.4 MSL (DO NOT CHART)						
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)										MAG VAR: 2W EPOCH YEAR: 1985						
2. PROFILE STARTS AT WOREL																
3. FAC: <u>136.50</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____																
4. MIN. ALT: <u>WOREL 2500</u>																
5. DIST TO THLD FROM OM: <u>5.14</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																
6. MIN GS INCPT: <u>2500</u> GS ALT AT: <u>JERNO 2500</u> OM: _____ MM: _____ IM: _____																
7. GS ANGLE: <u>3.00</u> TCH: <u>52.1° 34:1 IS CLEAR</u>																
8. MSA FROM: <u>RW14 3100</u>																
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 0.22 DA		1093	2400	297	1093	2400	297	1093	2400	297	1093	2400	297			
RNP 0.30 DA		1172	4000	376	1172	4000	376	1172	4000	376	1172	4000	376			
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). FOR INOPERATIVE MALSR, INCREASE RNP 0.22 VISIBILITY TO RVR 5000 AND RNP 0.30 VISIBILITY TO RVR 6000.																
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ADVAY VIA V24-128-399 NORTHWEST BOUND.																
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.																
CITY AND STATE		ELEVATION: 797 TDZE: 796		FACILITY IDENTIFIER: RNAV		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: 31 JUL 2008 RNAV (RNP) Z RWY 14, ORIG						SUP: AMDT: NONE				
INDIANAPOLIS, IN		INDIANAPOLIS INTL										DATE				

QUALITY
2
CHANCE

QUALITY
2

U.S. Department of Transportation Federal Aviation Administration		RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.			
TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: DA CLIMB TO 3100 DIRECT CENEK AND VIA 224.25 TRACK TO KELLY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 070.82 INBOUND. CHART FAS OBST: 923 TOWER 394417N / 0861648W DISTANCE TO THLD FROM 437 HAT: 1.20 NM ROUTE TYPE: A, R ROUTE TYPE QUALIFIER 1: P ROUTE TYPE QUALIFIER 2: S *TCH 838.2 MSL (DO NOT CHART)			
CLANG (IAF) (40E) (43A) CLAPR (IF) (40E) (43I) WINOT (FAF) (40E) (43F) RW23R (MAP) (40G) (43M) CENEK (40E)	CLAPR (TF) (FB) (RNP 1.00) (40E) (41E) WINOT (TF) (FB) (RNP 0.50) (40E) (43F) RW23R (TF) (FO) (40G) (43M) CENEK (TF) (FB) (RNP 1.00) (40E) KELLY (TF) (FO) (RNP 1.00) (40E) (41E) (43H)	229.69 / 11.57 226.69 / 7.67 226.62 / 5.75 226.56 / 8.65 224.25 / 17.13	2700 2700 3100				
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT CLAPR 3. FAC: <u>226.62</u> FAF: <u>WINOT</u> DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: CLAPR 2700, WINOT 2700 5. DIST TO THLD FROM OM: <u>5.75</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2700</u> GS ALT AT: <u>WINOT 2700</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0*</u> 34:1 IS NOT CLEAR 8. MSA FROM: RW23R 3100				MAG VAR: 2W EPOCH YEAR: 1985			
MINIMUMS							
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A		☒		
CATEGORY =====>	A		B		C		D
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED							
RNP 0.30 DA	1220	5000	437	1220	5000	437	1220
NOTES: CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F). FOR INOPERATIVE ALSF, INCREASE VISIBILITY TO 1 1/2 MILE. VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLANG VIA V14-192-210 NORTHEAST BOUND. CHART PROFILE NOTE: VGS! AND RNAV GLIDEPATH NOT COINCIDENT.							
CITY AND STATE		ELEVATION: 797 TDZE: 783		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	
INDIANAPOLIS, IN		INDIANAPOLIS INTL		RNAV		31 JUL 2008 RNAV (RNP) Z RWY 23R, ORIG	
						SUP:	
						AMDT: NONE	
						DATE	

 QUALITY
2
CHECKED

QUALITY
2
Quantity

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.25								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: 2.30 MILES AFTER TTH VORTAC							
JUMOM/TTH 15.00 DME CW (IAF)		FIMAP/TTH 15.00 DME (NOPT)		15.00 DME ARC (TTH LR-036)				2400		CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2400 DIRECT TTH VORTAC AND HOLD (TACAN AIRCRAFT CLIMB TO 2600 VIA TTH VORTAC R-228 TO HIPPO/TTH 10.00 DME AND HOLD SW, RT, 048.31 INBOUND). ADDITIONAL FLIGHT DATA: HOLD NE, RT, 229.00 INBOUND. CHART FAS OBST: 719 TREE 392822N/0871650W CHART TTH R-254 AT JUMOM. CHART TTH R-189 AT LUPCE. TTH VORTAC TO RW23: 3.33/50. CHART: ASR							
LUPCE/TTH 15.00 DME CCW (IAF)		FIMAP/TTH 15.00 DME (NOPT)		15.00 DME ARC (TTH LR-053)				2400									
FIMAP/15.00 DME (IF)		HUDOL/TTH 10.00 DME		229.22 / 5.00 (I-HUF)				2400									
HUDOL/10.00 DME		TTH VORTAC		229.22 / 10.00 (I-HUF)				1700									
1. PT <u> L </u> SIDE OF COURSE <u> 049.22 </u> OUTBOUND <u> 2400 </u> FT WITHIN <u> 10 </u> MILES OF <u> TTH VORTAC </u> (IAF) 2. _____ 3. FAC <u> 229.22 </u> FAF TTH VORTAC _____ DIST FAF TO MAP <u> 2.30 </u> THLD <u> 3.02 </u> 4. MIN. ALT <u> TTH VORTAC 1700 </u> 8. MSA FROM: <u> TTH VORTAC 2600 </u>														MAG VAR: 2W		EPOCH YEAR: 2000	
MINIMUMS																	
TAKEOFF: ☐ STANDARD ☒ X		SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-23		980	1	397	980	1	397	980	1	397	980	1 1/4	397	980	1 1/2	397	
CIRCLING		1020	1	431	1040	1	451	1040	1 1/2	451	1140	2	551	1220	2 1/4	631	
NOTES: CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. @ CAT E 800-2 1/4 CHART PROFILE NOTE: DISREGARD GS INDICATIONS. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARIS ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND INCREASE S-23 CAT C AND D VISIBILITY 1/4 MILE. SEE 8260-10																	
CITY AND STATE TERRE HAUTE, IN		ELEVATION: 589 TDZE: 583				FACILITY IDENTIFIER: I-HUF		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: LOC BC RWY 23, AMDT 19 31 JUL 2008						SUP			
		AIRPORT NAME: TERRE HAUTE INTERNATIONAL-HULMAN FIELD												AMDT 18B			
														DATE 05/11/2006			

 QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

**LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - FAR PART 97.25**

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E, DME OR RADAR REQUIRED.

CHART NOTE: CIRCLING NA FOR CAT E NW OF RWY 5-23.

CITY AND STATE

TERRE HAUTE, IN

ELEVATION: 589 TDZE: 583

AIRPORT NAME:

TERRE HAUTE INTERNATIONAL-HULMAN FIELD

FACILITY
IDENTIFIER:

I-HUF

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

LOC BC RWY 23, AMDT 19

31 JUL 2008

SUP:

AMDT: 18B

DATED: 05/11/2006

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 14, 18, 23, 32, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TERRAIN BEGINNING 118' FROM DER, LEFT AND RIGHT OF CENTERLINE, 0' AGL/591' MSL. FLOODLIGHT 967' FROM DER, 673' RIGHT OF CENTERLINE, 32' AGL/621' MSL. TREES BEGINNING 2,019' FROM DER, 317' LEFT OF CENTERLINE, UP TO 100' AGL/689' MSL. TREE 3,340' FROM DER, 533' RIGHT OF CENTERLINE, 79' AGL/668' MSL.

NOTE: RWY 14, TREES BEGINNING 1,266' FROM DER, 570' LEFT OF CENTERLINE, UP TO 100' AGL/689' MSL. TREES BEGINNING 1,520' FROM DER, 462' RIGHT OF CENTERLINE, UP TO 100' AGL/689' MSL. POWERLINES 3,084' FROM DER, LEFT AND RIGHT OF CENTERLINE, 98' AGL/682' MSL.

NOTE: RWY 18, TERRAIN BEGINNING 84' FROM DER, LEFT AND RIGHT OF CENTERLINE, 0' AGL/581' MSL. (CONT'D.)

(4) CONTROLLING OBSTACLES:

(5) City, State

TERRE HAUTE, IN

(6) Airport

TERRE HAUTE INTERNATIONAL-HULMAN FIELD

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

ORIG

QUALITY
CHECKED

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

Bearings, headings, courses, and radials are magnet

TAKE OFF OBSTACLE NOTES: (CONT'D)

TREES BEGINNING 3,040' FROM DER, 192' LEFT OF CENTERLINE, UP TO 66' AGL/655' MSL.

NOTE: RWY 23, TREES BEGINNING 412' FROM DER, 537' LEFT OF CENTERLINE, UP TO 34' AGL/593' MSL. TREE 1,201' FROM DER, 376' RIGHT OF CENTERLINE, 38' AGL/607' MSL.

NOTE: RWY 32, TREES AND A POLE BEGINNING 397' FROM DER, 308' LEFT OF CENTERLINE, UP TO 82' AGL/651' MSL. TREE 1,195' FROM DER 544' LEFT OF CENTERLINE, 68' AGL/637' MSL. TREES BEGINNING 2,597' FROM DER, 340' RIGHT OF CENTERLINE, UP TO 100' AGL/669' MSL.

NOTE: RWY 36, TREES BEGINNING 1,580' FROM DER, 120' RIGHT OF CENTERLINE, UP TO 100' AGL/669' MSL, TREES BEGINNING 2,475' FROM DER, 153' LEFT OF CENTERLINE, UP TO 102' AGL/671' MSL.

City, State	TERRE HAUTE, IN	Airport	TERRE HAUTE INTERNATIONAL-HULMAN FIELD	Effective Date	31 JUL 2008	Amdt. No.	ORIG
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												MISSED APPROACH					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV: RW24 CLIMB TO 3900 DIRECT ESONE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 057.17 INBOUND. CHART FAS OBST: 1719 TREE 370757N/0840020W CHART 1933 TWR 370901N/0835932W. DISTANCE TO THLD FROM 309 HAT: 0.73 NM. WAAS CHANNEL # 78108 REFERENCE PATH ID: W24A							
UPZIS (IAF)		ODUBE (NOPT) (FB)		147.40 / 5.00				3900									
UMODE (IAF)		ODUBE (NOPT) (FB)		327.48 / 5.00				3900									
ODUBE (IF/IAF)		AXSUR (FB)		237.44 / 6.19				3200									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE ODUBE, RT, 237.44 INBOUND, 3900 FT. IN LIEU OF PT (IAF) 3. FAC: <u>237.37</u> FAF: <u>AXSUR</u> DIST FAF TO MAP: <u>5.27</u> THLD: <u>5.27</u> 4. MIN. ALT: <u>ODUBE 3900, AXSUR 3200</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3200</u> GS ALT AT: <u>AXSUR</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.45</u> TCH: <u>60.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>												MAG VAR: 5W EPOCH YEAR: 2005					
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1510	1	309	1510	1	309	1510	1	309		NA						
LNAV MDA	1980	1	779	1980	1 1/4	779	1980	2 1/4	779	1980	2 1/2	779					
CIRCLING	1980	1	768	1980	1 1/4	768	2040	2 1/2	828	2040	2 3/4	828					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING AND INCREASE SEE 8260-10																	
CITY AND STATE LONDON, KY				ELEVATION: 1212 TDZE: 1201 AIRPORT NAME: LONDON-CORBIN ARPT-MAGEE FLD				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 31 JUL 2008				SUP: AMDT: ORIG DATED 09/28/2006	

 QUALITY
CHECKED
2

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

ALL DA/MDA 100 FEET, INCREASE LPV ALL CATS, LNAV CATS C/D, AND CIRCLING CATS C/D VISIBILITIES 1/4 MILE.

TAA

	FROM	TO	ALT
1.	147/30 CW 327/30 (NOPT)	147/15 CW 327/15	5000
2.	147/15 CW 327/15	ODUBE (IF/IAF) (FB)	3900
3.	327/30 CW 057/30	327/15 CW 057/15	5100
4.	327/15 CW 057/15	UMODE (IAF) (FB)	3900
5.	057/30 CW 147/30	UPZIS (IAF) (FB)	3900

CITY AND STATE

LONDON, KY

ELEVATION: 1212 TDZE: 1201

AIRPORT NAME:

LONDON-CORBIN ARPT-MAGEE FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 24, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 09/28/2006

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLOZ
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	370526.8670N
LTP/FTP LONGITUDE	0840415.8950W
LTP/FTP ELLIPSOIDAL HEIGHT	+03307
FPAP LATITUDE	370432.3300N
FPAP LONGITUDE	0840544.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.45
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

0B5E5220

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03609
FPAP ORTHOMETRIC HEIGHT	+03609

CITY AND STATE
LONDON, KY

ELEVATION: 1212 TDZE: 1201
AIRPORT NAME:
LONDON-CORBIN ARPT-MAGEE FLD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 24, AMDT 1
31 JUL 2008

SUP:	
AMDT:	ORIG
DATED:	09/28/2008

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

[illegible]

W0059	NAR	AXSUR
W0050	NAR	ESONE
W0059	NAR	ODUBE
W0059	NAR	UMODE
W0059	NAR	UPZIS

[illegible]

1800018000C MNAR LONDON-CORBIN ARPT-MAGEE FLD

[illegible]

SUSAP	KLOZK5FR24	AODUBE	0100DUBEK5EA0EE	CR	HF	23740050	+ 03900	18000	A JS
SUSAP	KLOZK5FR24	AUMODE	0100MODEK5EA0E	A	IF			18000	A JS
SUSAP	KLOZK5FR24	AUMODE	0200DUBEK5EA0EE		010TF	32750050	+ 03900		A JS
SUSAP	KLOZK5FR24	AUPZIS	010UPZISK5EA0E	A	IF			18000	A JS
SUSAP	KLOZK5FR24	AUPZIS	0200DUBEK5EA0EE		010TF	14740050	+ 03900		A JS
SUSAP	KLOZK5FR24	R	0100DUBEK5EA0E	I	IF		+ 03900	18000	A JS
SUSAP	KLOZK5FR24	R	020AXSURK5EA1E	F	010TF	23740062	+ 03200		A JS
SUSAP	KLOZK5FR24	R	020AXSURK5EA2WALPV		N				JS
SUSAP	KLOZK5FR24	R	030RW24 K5PG0GY	M	031TF	23740053	01244	-345	A JS
SUSAP	KLOZK5FR24	R	040ESONEK5EA0EYM		010DF		+ 03900		A JS
SUSAP	KLOZK5FR24	R	050ESONEK5EA0EE		HR020HM	05720050	+ 03900		A JS

23740050	+ 03900	18000		A JS
		18000		A JS
32750050	+ 03900			A JS
		18000		A JS
14740050	+ 03900			A JS
	+ 03900	18000		A JS
23740062	+ 03200			A JS
				JS
23740053	01244		-345	A JS
	+ 03900			A JS
05720050	+ 03900			A JS

[illegible]

SUSAP KLOZK5GRW24 0052002373 N37052687W084041590+0500 +0330701184055060150R

[illegible]

SUSAP	KLOZK5PR24	RW24	001	0000W24A0N3705268670W08404158950+033070345N3704323300W08405440200106751168000600F4005000B5E5220
SUSAP	KLOZK5PR24	RW24	002E	+03609+03609LPV 78108 000

SUP:	
AMDT:	ORIG
DATED:	09/28/2006

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ODUBE	ODUBE	010		HF	R	FB		237.4(232T)	005.0	03900
	UMODE	UMODE	010	IAF	IF		FB				
	UMODE	ODUBE	020		TF		FB	1.0	327.5(323T)	005.0	03900
	UPZIS	UPZIS	010	IAF	IF		FB				
	UPZIS	ODUBE	020		TF		FB	1.0	147.4(142T)	005.0	03900
		ODUBE	010	FACF	IF		FB				03900
		AXSUR	020	FAF	TF		FB	1.0	237.4(232T)	006.2	03200
		RW24	030	MAP	TF		FO	0.3	237.4(232T)	005.3	01244

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ESONE	040		DF		FO	1.0			03900
	ESONE	050		HM	R	FO	2.0	057.2(052T)	005.0	03900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXSUR	N370840.35	W0835902.78	N3708.673	W08359.046
	ESONE	N365750.23	W0841631.12	N3657.837	W08416.519
	ODUBE	N371227.26	W0835254.43	N3712.454	W08352.907
	UMODE	N370829.09	W0834905.71	N3708.485	W08349.095
	UPZIS	N371625.31	W0835643.55	N3716.422	W08356.726
	RW24	N370526.87	W0840415.90	N3705.448	W08404.265

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	01184	60

CITY AND STATE LONDON, KY	ELEVATION: 1212 TDZE: 1201	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME: LONDON-CORBIN ARPT-MAGEE FLD			AMDT: ORIG
				DATED: 09/28/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: SJX NDB						
ISQ VOR/DME PLN VORTAC		SJX NDB		128.14 / 30.88				2500		CLIMB TO 2400 THEN RIGHT TURN DIRECT SJX NDB AND HOLD.						
		SJX NDB		282.03 / 37.83				3000								
ADDITIONAL FLIGHT DATA: HOLD E, RT, 280.00 INBOUND. CHART FAS OBST: 779 TREE 454119N/0853328W FAC 498R OF RWY C/L EXTENDED 3000 FROM THLD.																
1. PT <u>L</u> SIDE OF COURSE <u>099.59</u> OUTBOUND <u>2400</u> FT WITHIN <u>10</u> MILES OF <u>SJX NDB</u> (IAF)																
2. _____																
3. FAC <u>279.59</u> FAF _____ DIST FAF TO MAP _____ THLD _____																
4. MIN. ALT _____																
8. MSA FROM: <u>SJX NDB 095-195 3000, 195-095 2500</u>										MAG VAR: <u>5W</u>				EPOCH YEAR: <u>1995</u>		
MINIMUMS																
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	
S-27	1140	1	471	1140	1	471		NA			NA					
CIRCLING	1140	1	471	1140	1	471		NA			NA					
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.																
CITY AND STATE BEAVER ISLAND, MI		ELEVATION: 669 TDZE: 669 AIRPORT NAME: BEAVER ISLAND		FACILITY IDENTIFIER: SJX		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 27, AMDT 1 31 JUL 2008				SUP NDB OR GPS RWY						
										27						
										AMDT ORIG						
														DATE 09/15/1997		

 QUALITY
CHECKED

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.					
TERMINAL ROUTES				MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW27 CLIMBING RIGHT TURN TO 2600 DIRECT BODAY AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 779 TREE 454119N/0853328W CHART VDP AT 0.90 MILES TO RW27. AMILE TO RW27: 3.05/40					
PLN VORTAC (IAF)	BODAY (NOPT) (FB)	283.28 / 25.64	2600						
DIPLE (IAF)	BODAY (NOPT) (FB)	183.13 / 4.92	2600						
BODAY (IF/IAF)	AMILE (FB)	275.36 / 6.50	2600						
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E BODAY, RT, 275.36 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>275.25</u> FAF: <u>AMILE</u> DIST FAF TO MAP: <u>5.85</u> THLD: <u>5.85</u> 4. MIN. ALT: <u>BODAY 2600, AMILE 2600</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS CLEAR</u> 8. MSA FROM: <u>RW27 3000</u>				MAG VAR: <u>5W</u> EPOCH YEAR: <u>1995</u>					
MINIMUMS									
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @				
CATEGORY =====>	A		B		C		D	E	
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1080	1	411	1080	1	411	NA	NA	
CIRCLING	1080	1	411	1120	1	451	NA	NA	
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PELLSTON ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. CHART NOTE: VDP NA WHEN USING PELLSTON ALTIMETER SETTING.									
CITY AND STATE		ELEVATION: 669 TDZE: 669		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:	
BEAVER ISLAND, MI		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 27, ORIG		AMDT: NONE	
		BEAVER ISLAND				31 JUL 2008		DATED	

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

[illegible]

DATED:

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

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

SUSAP KSJXK5SRW27 K5PG

0 18018003025

M

CITY AND STATE

BEAVER ISLAND, MI

ELEVATION: 669 TDZE: 669

AIRPORT NAME:

BEAVER ISLAND

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BODAY	BODAY	010		HF	R	FB		275.4(270T)	004.0	02600
	DIPLE	DIPLE	010	IAF	IF		FB				
	DIPLE	BODAY	020		TF		FB	1.0	183.1(178T)	004.9	02600
	PLN	PLN	010	IAF	IF		FB				
	PLN	BODAY	020		TF		FB	1.0	283.3(278T)	025.6	02600
		BODAY	010	FACF	IF		FB				02600
		AMILE	020	FAF	TF		FB	0.5	275.4(270T)	006.5	02600
		RW27	030	MAP	TF		FO	0.3	275.3(270T)	005.9	00707

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BODAY	040		DF	R	FO	1.0			02600
	BODAY	050		HM	R	FO	2.0	275.4(270T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PLN	N453750.24	W0843950.66	N4537.837	W08439.844
	AMILE	N454128.01	W0852518.57	N4541.467	W08525.310
	BODAY	N454125.93	W0851602.20	N4541.432	W08516.037
	DIPLE	N454621.19	W0851615.98	N4546.353	W08516.266
	RW27	N454129.23	W0853339.28	N4541.487	W08533.655

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00667	40

CITY AND STATE
BEAVER ISLAND, MI

ELEVATION: 669 TDZE: 669
 AIRPORT NAME:
BEAVER ISLAND

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 6, 18, 24, 36, NA - ENVIRONMENTAL
RWY 10, 28 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, BUSH 187' FROM DER, 158' RIGHT OF CENTERLINE, 3' AGL/742' MSL. TREES BEGINNING 1,136' FROM DER, 630' LEFT OF CENTERLINE, UP TO 75' AGL/814' MSL. TREES AND POLE BEGINNING 1,111' FROM DER, 596' RIGHT OF CENTERLINE, UP TO 90' AGL/829' MSL. POWERLINE WITH TOWERS BEGINNING 2,029' FROM DER, LEFT AND RIGHT OF CENTERLINE, 90' AGL/829' MSL.

NOTE: RWY 28, BUSH 212' FROM DER, 436' RIGHT OF CENTERLINE, 11' AGL/741' MSL. VENT, TREES, AND A BUILDING BEGINNING 266' FROM DER, 46' LEFT OF CENTERLINE, UP TO 100' AGL/836' MSL. TREES AND A POLE BEGINNING 1,184' FROM DER, 244' RIGHT OF CENTERLINE, UP TO 60' AGL/815' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

OWOSSO, MI

(6) Airport

OWOSSO COMMUNITY

(7) Effective Date

31 JUL 2008

(8) Amct. No.

4

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
INL VORTAC	RAIZE LOM / INL VORTAC 7.18 DME	129.14 / 7.18	3400	ILS: DA LOC: 6.46 MILES AFTER RAIZE LOM OR AT INL 0.73 DME FIX. CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3400 DIRECT RAIZE LOM AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3300 VIA INL VORTAC R-310 TO HODEV/INL 14.00 DME AND HOLD NW, RT, 130.30 INBOUND. (DME REQUIRED) ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.91 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW HODEV/INL 14.00 DME, RT, 130.30 INBOUND. CHART FAS OBST: 1233 TREE 483321N/0932300W CHART TDZE 1166 CHART IN PLANVIEW: HODEV/INL 14.00 DME

1. PT L SIDE OF COURSE 132.91 OUTBOUND 3400 FT WITHIN 5 MILES OF RAIZE LOM (IAF)
2. _____
3. FAC: 312.91 FAF: RAIZE LOM DIST FAF TO MAP: 6.46 THLD: 6.46
4. MIN. ALT: RAIZE LOM 3400, ALETE / INL 2.22 DME 1620* *1760 WHEN USING BAUDETTE ALTIMETER SETTING.
5. DIST TO THLD FROM OM: 6.46 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 904
6. MIN GS INCPT: 3400 GS ALT AT: _____ OM: 3307 MM: - IM: _____
7. GS ANGLE: 3.00 TCH: 45.1
8. MSA FROM: IN LOM 2800

MAG VAR: 3E EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT					ALTERNATE: N A	ILS: STANDARD\$					LOC: #			
CATEGORY =====>		COPTER			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
H-ILS 31		1366	1/4	200												
H-LOC 31		1620	3/8	454												
CIRCLING			NA													
ALETE FIX MINIMUMS																
H-LOC 31		1520	1/4	354												
CIRCLING			NA													

NOTES: CHART PLANVIEW NOTE: ADF REQUIRED.

CHART NOTES: FOR INOPERATIVE MALSR INCREASE VISIBILITY TO 1/2 MILE. WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE DA 127 FEET AND ILS VISIBILITY 1/4 MILE, INCREASE ALL MDAS 140 FEET AND LOC VISIBILITY 3/8 MILE, INCREASE ALETE FIX MINIMUMS VISIBILITY 1/4 MILE.

NA

\$ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1185 TDZE: 1166	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
INTERNATIONAL FALLS, MN	AIRPORT NAME: FALLS INTL	I-INL	31 JUL 2008 COPTER ILS OR LOC RWY 31, AMDT 1	AMDT: ORIG-A
				DATE 03/05/2001

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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 6.46 MILES AFTER RAIZE LOM/INL VORTAC 7.18 DME OR AT INL 0.73 DME FIX CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3400 DIRECT RAIZE LOM/INL VORTAC 7.18 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 3300 VIA INL VORTAC R-310 TO HODEV/INL 14.00 DME AND HOLD NW, RT, 130.30 INBOUND. (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SE, RT, 312.91 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW HODEV/INL 14.00 DME, RT, 130.30 INBOUND. CHART FAS OBST: 1233 TREE 483321N/0932300W CHART INL R-071 AT CIVLU. CHART INL R-176 AT WANRI. CHART IN PLANVIEW: HODEV/INL 14.00 DME. CHART TDZE 1166	
INL VORTAC	RAIZE LOM/INL VORTAC 7.18 DME	129.14 / 7.18	3400		
WANRI/INL 14.00 DME CCW (IAF)	ZAVBA/INL 14.00 DME (NOPT)	14.00 DME ARC (INL LR-138)	3400		
CIVLU/INL 14.00 DME CW (IAF)	ZAVBA/INL 14.00 DME (NOPT)	14.00 DME ARC (INL LR-121)	3400		
ZAVBA/INL 14.00 DME (IF)	RAIZE LOM/INL VORTAC 7.18 DME	312.91 / 6.82 (I-INL)	3400		
1. PT <u>L</u> SIDE OF COURSE <u>132.91</u> OUTBOUND <u>3400</u> FT WITHIN <u>10</u> MILES OF <u>RAIZE LOM</u> (IAF) 2. _____ 3. FAC: <u>312.91</u> FAF: <u>RAIZE LOM/INL VORTAC 7.18 DME</u> DIST FAF TO MAP: <u>6.46</u> THLD: <u>6.46</u> 4. MIN. ALT: <u>ZAVBA 3400, RAIZE LOM 3400, ALETE/INL 2.22 DME 1620*</u> 5. DIST TO THLD FROM OM: <u>6.46</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>904</u> 6. MIN GS INCPT: <u>3400</u> GS ALT AT: <u>GS INTCP</u> OM: <u>3307</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.1</u> 8. MSA FROM: <u>IN OM 2800</u>				MAG VAR: 3E EPOCH YEAR: 1985	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	ILS: STANDARD # LOC: STANDARD @
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
S-ILS 31	1366	1/2	200	1366	1/2
S-LOC 31	1620	1/2	454	1620	1/2
CIRCLING	1620	1	435	1680	1
ALETE FIX MINIMUMS					
S-LOC 31	1520	1/2	354	1520	1/2
CIRCLING	1620	1	435	1680	1
NOTES: CHART NOTE: CIRCLING TO RWY 4-22 NA AT NIGHT. CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 2250 FEET. CHART PLANVIEW NOTE: ADF REQUIRED. *1760 WHEN USING BAUDETTE ALTIMETER SETTING. SEE 8260-10					
CITY AND STATE		ELEVATION: 1185 TDZE: 1166		FACILITY IDENTIFIER: I-INL	
INTERNATIONAL FALLS, MN		AIRPORT NAME: FALLS INTL		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 9 31 JUL 2008	
		SUP:		AMDT: 8A	
		DATED		01/20/2006	

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

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NOTES CONT.

CHART NOTES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BAUDETTE ALTIMETER SETTING AND INCREASE DAS 127 FEET AND S-ILS 31 VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDAS 140 FEET AND S-LOC 31 CAT C AND D VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT C AND D 1/4 MILE. FOR INOPERATIVE MALSR WHEN USING BAUDETTE ALTIMETER SETTING INCREASE S-ILS 31 VISIBILITY 1/2 MILE.

CITY AND STATE

INTERNATIONAL FALLS, MN

ELEVATION: 1185 TDZE: 1166

AIRPORT NAME:

FALLS INTL

FACILITY
IDENTIFIER:

I-NL

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 31, AMDT 9

31 JUL 2008

SUP:

AMDT: 8A

DATED: 01/20/2006

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.																																																																																																																																							
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FROM	TO	COURSE AND DISTANCE				ALTITUDE																																																																																																																																						
										ADDITIONAL FLIGHT DATA:																																																																																																																																		
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____															MAG VAR:		EPOCH YEAR:																																																																																																																											
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF: _____</td> <td>STANDARD _____</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="3">ALTERNATE: N A _____</td> <td colspan="3"></td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="3" style="text-align: center;">A</td> <td colspan="3" style="text-align: center;">B</td> <td colspan="3" style="text-align: center;">C</td> <td colspan="3" style="text-align: center;">D</td> <td colspan="3" style="text-align: center;">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>															TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A _____						CATEGORY =====>	A			B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																
TAKEOFF: _____	STANDARD _____	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A _____																																																																																																																																				
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: 31 JUL 2008 PROCEDURE CANCELED EFFECTIVE _____																																																																																																																																												
CITY AND STATE MC COMB, MS				ELEVATION: 413 TDZE: 413 AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD				FACILITY IDENTIFIER: MC				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB OR GPS RWY 15, AMDT 4A, 04/19/1996				SUP AMDT 4 DATE 08/28/1986																																																																																																																												

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW15 CLIMB TO 3000 DIRECT GLADS AND VIA 127.74 TRACK TO ZYDCO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 173.36 INBOUND. CHART FAS OBST: 559 TREE 311252N/0902942W CHART 803 TOWER 311543N/0902901W. JOTIX TO RW15: 3.04/43.
LESTE	WEGLA (FB)	040.31 / 25.55	3000	
MCB VORTAC	CILOR (FB)	291.80 / 12.39	3000	
RUCBO (IAF)	KIBVE (FB)	131.14 / 5.62	3000	
WEGLA (IAF)	KIBVE (FB)	062.54 / 5.00	3000	
CILOR (IAF)	KIBVE (FB)	242.64 / 5.00	3000	
KIBVE (IF)	JOTIX (FB)	152.59 / 6.52	2000	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT KIBVE
- FAC: 152.62 FAF: JOTIX DIST FAF TO MAP: 4.78 THLD: 4.78
- MIN. ALT: KIBVE 3000, JOTIX 2000, UGIYV1.90 NM TO RW15 1060
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW15 2600

MAG VAR: 3E

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
LNAV MDA	820	1	407	820	1	407	820	1 1/4	407	820	1 1/4	407			
CIRCLING	920	1	507	920	1	507	920	1 1/2	507	980	2	567			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MCB VORTAC VIA V212 EASTBOUND AND V557
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MC COMB, MS	ELEVATION: 413 TDZE: 413 AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 15, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

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

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NOTES CONT.**SOUTHBOUND.****CHART PROFILE NOTE: VGSi AND DESCENT ANGLES NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NATCHEZ ALTIMETER SETTING AND INCREASE****ALL MDA 140 FEET AND LNAV VISIBILITY CAT C 1/4 MILE, CAT D 1/2 MILE, CIRCLING CAT C AND D 1/4 MILE.**

CITY AND STATE

MC COMB, MS

ELEVATION: 413 TDZE: 413

AIRPORT NAME:

MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 15, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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SUSAP	KMCBK7FR15	R	040GLADSK4EA0E	M	010DF
SUSAP	KMCBK7FR15	R	050ZYDCOK4EA0EY		010TF
SUSAP	KMCBK7FR15	R	060ZYDCOK4EA0EE	HR020HM	

1277	+ 03000
17340040	+ 03000

B JS
B JS
B JS

[illegible][illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LESTE	LESTE	010		IF		FB				
	LESTE	WEGLA	020	IAF	TF		FB	2.0	040.3(043T)	025.6	03000
	LESTE	KIBVE	030		TF		FB	1.0	062.5(066T)	005.0	03000
	MCB	MCB	010		IF		FB				
	MCB	CILOR	020	IAF	TF		FB	2.0	291.8(295T)	012.4	03000
	MCB	KIBVE	030		TF		FB	1.0	242.6(246T)	005.0	03000
	RUCBO	RUCBO	010	IAF	IF		FB				
	RUCBO	KIBVE	020		TF		FB	1.0	131.1(134T)	005.6	03000
		KIBVE	010	FACF	IF		FB				03000
		JOTIX	020	FAF	TF		FB	0.5	152.6(156T)	006.5	02000
		UGIYI	021	SDF	TF		FB	0.3	152.6(156T)	002.9	01060
		RW15	030	MAP	TF		FO	0.3	152.6(156T)	001.9	00456

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GLADS	040		DF		FB	1.0			
	ZYDCO	050		TF		FO	1.0	127.7(131T)		03000
	ZYDCO	060		HM	R	FO	2.0	173.4(176T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MCB	N311816.03	W0901529.53	N3118.267	W09015.492
	CILOR	N312327.94	W0902838.00	N3123.466	W09028.633
	GLADS	N305957.94	W0902240.01	N3059.966	W09022.667
	JOTIX	N311525.97	W0903048.71	N3115.450	W09030.812
	KIBVE	N312123.80	W0903357.16	N3121.397	W09033.953
	LESTE	N310043.23	W0905943.72	N3100.721	W09059.729
	RUCBO	N312519.12	W0903839.62	N3125.319	W09038.660
	UGIYI	N311243.98	W0902925.40	N3112.816	W09029.423
	WEGLA	N311919.44	W0903916.09	N3119.324	W09039.268
	ZYDCO	N305315.68	W0901338.86	N3053.261	W09013.648
	RW15	N311104.90	W0902830.57	N3111.082	W09028.510

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW15	00413		43

CITY AND STATE
MC COMB, MS

ELEVATION: 413 TDZE: 413
 AIRPORT NAME:
 MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD

FACILITY
IDENTIFIER:
RNAV

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

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
LESTE	OCEVU (FB)	092.75 / 27.45	3000	LPV: DA LNAV/VNAV: DA LNAV: RW33
MCB VORTAC	JURIB (FB)	182.67 / 16.28	3000	
ZYDCO (IAF)	GLADS (FB)	307.81 / 10.24	3000	CLIMB TO 4000 DIRECT KIBVE AND VIA 311.18 TRACK TO RUCBO AND HOLD.
OCEVU (IAF)	GLADS (FB)	062.64 / 5.00	3000	
JURIB (IAF)	GLADS (FB)	242.74 / 5.00	3000	ADDITIONAL FLIGHT DATA: HOLD W, RT, 106.63 INBOUND. CHART FAS OBST: 539 TREE 311032N/0902733W CHART FAS OBST: 575 TOWER 310731N/0902726W DISTANCE TO THLD FROM 358 HAT: 1.04 NM. WAAS CHANNEL # 77808 REFERENCE PATH ID: W33A
GLADS (IF)	MAGNT (FB)	332.69 / 6.50	2000	

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT GLADS
3. FAC: 332.66 FAF: MAGNT DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: GLADS 3000, MAGNT 2000
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2000 GS ALT AT: MAGNT OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 46.0 34:1 IS NOT CLEAR
8. MSA FROM: RW33 2600

MAG VAR: 3E 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	765	1 1/4	358	765	1 1/4	358	765	1 1/4	358	765	1 1/4	358			
LNAV/VNAV DA	809	1 1/2	402	809	1 1/2	402	809	1 1/2	402	809	1 1/2	402			
LNAV MDA	840	1	433	840	1	433	840	1 1/4	433	840	1 1/2	433			
CIRCLING	920	1	507	920	1	507	920	1 1/2	507	980	2	567			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MCB VORTAC VIA V194 NORTHEAST BOUND AND V555
SEE 8260-10

CITY AND STATE MC COMB, MS	ELEVATION: 413 TDZE: 407 AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

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

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

NOTES CONT.**NORTHWEST BOUND.**

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NATCHEZ ALTIMETER SETTING AND INCREASE ALL DA/MDA 140 FEET AND VISIBILITY LPV 1/2 MILE ALL CATS, LNAV/VNAV 1/2 MILE ALL CATS, LNAV CAT C AND D 1/4 MILE, CIRCLING CAT C AND D 1/4 MILE. CHART NOTE: BARO-VNAV NA WHEN USING NATCHEZ ALTIMETER SETTING.

CITY AND STATE

MC COMB, MS

ELEVATION: 413

TDZE: 407

AIRPORT NAME:

MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

31 JUL 2008

SUP:

AMDT:

NONE

DATED:

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMCB
RUNWAY RW33
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W33A
LTP/FTP LATITUDE 311019.8245N
LTP/FTP LONGITUDE 0902806.8340W
LTP/FTP ELLIPSOIDAL HEIGHT +00919
FPAP LATITUDE 311141.1700N
FPAP LONGITUDE 0902849.6800W
THRESHOLD CROSSING HEIGHT (TCH) 00046.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

39AF9809

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +01186
FPAP ORTHOMETRIC HEIGHT +01186

CITY AND STATE

MC COMB, MS

ELEVATION: 413

TDZE: 407

AIRPORT NAME:

MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 33, ORIG

31 JUL 2008

SUP:

AMDT:

NONE

DATED:

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

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KMCBK7FR33	ALESTE	010LESTEK7EA0E	IF						18000		A JS	
SUSAP	KMCBK7FR33	ALESTE	020OCEVUK4EA0E	A 020TF		09280275	+	03000				A JS	
SUSAP	KMCBK7FR33	ALESTE	030GLADSK4EA0EE	010TF		06260050	+	03000				A JS	
SUSAP	KMCBK7FR33	AMCB	010MCB K7D 0V	IF						18000		A JS	
SUSAP	KMCBK7FR33	AMCB	020JURIBK7EA0E	A 020TF		18270163	+	03000				A JS	
SUSAP	KMCBK7FR33	AMCB	030GLADSK4EA0EE	010TF		24270050	+	03000				A JS	
SUSAP	KMCBK7FR33	AZYDCO	010ZYDCOK4EA0E	A IF						18000		A JS	
SUSAP	KMCBK7FR33	AZYDCO	020GLADSK4EA0EE	010TF		30780102	+	03000				A JS	
SUSAP	KMCBK7FR33	R	010GLADSK4EA0E	I IF			+	03000		18000		A JS	
SUSAP	KMCBK7FR33	R	020MAGNTK7EA1E	F 051TF		33270065	+	02000			RW33 K7PGA	JS	
SUSAP	KMCBK7FR33	R	020MAGNTK7EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KMCBK7FR33	R	030RW33 K7PG0GY	M 031TF		33270049		00435		-300		A JS	
SUSAP	KMCBK7FR33	R	040KIBVEK7EA0E	M 010DF								A JS	
SUSAP	KMCBK7FR33	R	050RUCBOK7EA0EY	010TF		3112	+	04000				A JS	

CITY AND STATE MC COMB, MS	ELEVATION: 413 TDZE: 407 AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

2

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

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

SUSAP KMCBK7FR33 R 060RUCBOK7EA0EE HR020HM 10660040 + 04000 A JS

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

SUSAP KMCBK7GRW33 0050003326 N31101982W090280683+0500 +0091900389000046100R

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

SUSAP KMCBK7PR33 RW33 001 0000W33A0N3110198245W09028068340+009190300N3111411700W09028496800106751224000460F40050039AF9809

SUSAP KMCBK7PR33 RW33 002E +01186+01186LPV 77808 000

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

SUSAP KMCBK7SRW33 K7PG 0 18018002625 M

CITY AND STATE
MC COMB, MS

ELEVATION: 413 TDZE: 407
 AIRPORT NAME:
 MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD

FACILITY
IDENTIFIER:
RNAV

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

SUP:
 AMDT: NONE
 DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LESTE	LESTE	010		IF		FB				
	LESTE	OCEVU	020	IAF	TF		FB	2.0	092.8 (096T)	027.5	03000
	LESTE	GLADS	030		TF		FB	1.0	062.6 (066T)	005.0	03000
	MCB	MCB	010		IF		FB				
	MCB	JURIB	020	IAF	TF		FB	2.0	182.7 (186T)	016.3	03000
	MCB	GLADS	030		TF		FB	1.0	242.7 (246T)	005.0	03000
	ZYDCO	ZYDCO	010	IAF	IF		FB				
	ZYDCO	GLADS	020		TF		FB	1.0	307.8 (311T)	010.2	03000
		GLADS	010	FACF	IF		FB				03000
		MAGNT	020	FAF	TF		FB	0.5	332.7 (336T)	006.5	02000
		RW33	030	MAP	TF		FO	0.3	332.7 (336T)	004.9	00435

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	KIBVE	040		DF		FB	1.0			
	RUCBO	050		TF		FO	1.0	311.2 (314T)		04000
	RUCBO	060		HM	R	FO	2.0	106.6 (110T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	MCB	N311816.03	W0901529.53	N3118.267	W09015.492
	GLADS	N305957.94	W0902240.01	N3059.966	W09022.667
	JURIB	N310201.61	W0901721.80	N3102.027	W09017.363
	KIBVE	N312123.80	W0903357.16	N3121.397	W09033.953
	LESTE	N310043.23	W0905943.72	N3100.721	W09059.729
	MAGNT	N310554.17	W0902547.06	N3105.903	W09025.784
	OCEVU	N305754.05	W0902758.00	N3057.901	W09027.967
	RUCBO	N312519.12	W0903839.62	N3125.319	W09038.660
	ZYDCO	N305315.68	W0901338.86	N3053.261	W09013.648
	RW33	N311019.82	W0902806.83	N3110.330	W09028.114

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW33	00389		46

CITY AND STATE MC COMB, MS	ELEVATION: 413 TDZE: 407	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 33, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD			AMDT: NONE
				DATED:

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 89' FROM DER, 91' RIGHT OF CENTERLINE, UP TO 100' AGL/509' MSL. TREES BEGINNING 476' FROM DER, 83' LEFT OF CENTERLINE, UP TO 100' AGL/475' MSL.

NOTE: RWY 33, TREE 1440' FROM DER, 49' LEFT OF CENTERLINE, 59' AGL/488' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State

MC COMB, MS

(6) Airport

MC COMB/PIKE COUNTY/JOHN E. LEWIS FIELD

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

ORIG

QUALITY
2
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.										
TERMINAL ROUTES										MISSED APPROACH					
FROM	TO	COURSE AND DISTANCE				ALTITUDE		MAP: MAHCE/13.25 DME CLIMBING LEFT TURN TO 2000 DIRECT MCB VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 586 TOWER 311253N/0902800W FAC CROSSES MID POINT OF RWY 15-33.							
MCB VORTAC (IF/IAF)	EGPEW/8.30 DME	233.00 / 8.30				1500									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE MCB VORTAC, RT, 233.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC <u>233.00</u> FAF <u>EGPEW/8.30 DME</u> DIST FAF TO MAP <u> </u> THLD <u> </u> 4. MIN. ALT <u>MCB VORTAC 2000, EGPEW 1500</u> 8. MSA FROM: <u>MCB VORTAC 2600</u>										MAG VAR: 3E EPOCH YEAR: 1985					
MINIMUMS															
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @						
CATEGORY ==>	A		B		C		D			E					
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	920	1	507	920	1	507	920	1 1/2	507	980	2	567			
NOTES: CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON MCB VORTAC AIRWAY RADIALS 345 CW 145. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NATCHEZ ALTIMETER SETTING AND INCREASE MDA 140 FEET AND CAT C AND D VISIBILITY 1/4 MILE.															
CITY AND STATE MC COMB, MS			ELEVATION: 413 TDZE: AIRPORT NAME: MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD		FACILITY IDENTIFIER: MCB		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME-A, AMDT 8 31 JUL 2008				SUP VOR/DME OR GPS-				
											A				
											AMDT 7				
											DATE 08/28/1986				

 QUALITY
CHECKED

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

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

NOTES:

31 JUL 2008

PROCEDURE CANCELED EFFECTIVE _____

CITY AND STATE MC COMB, MS	ELEVATION: 413 TDZE: 407	FACILITY IDENTIFIER: MCB	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RNAV OR GPS RWY 33, AMDT 6A, 10/20/1999	SUP
	AIRPORT NAME:			AMDT 6
	MC COMB/PIKE COUNTY/JOHN E LEWIS FIELD			DATE 08/28/1986

QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW34 CLIMB TO 2400 DIRECT JORGA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 161.48 INBOUND. CHART FAS OBST: 609 TREE 345915N/0800303W DISTANCE TO THLD FROM 364 HAT: 1.06 NM. WAAS CHANNEL # 69408 REFERENCE PATH ID: W34A	
AZOHO (IAF)	OPICU (NOPT) (FB)	071.56 / 5.00	2400		
OSHER (IAF)	OPICU (NOPT) (FB)	251.66 / 5.00	2400		
OPICU (IF/IAF)	RUZLY (FB)	341.61 / 6.52	2100		
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. <u>HOLD S OPICU, RT, 341.61 INBOUND, 2400 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>341.58</u> FAF: <u>RUZLY</u> DIST FAF TO MAP: <u>5.48</u> THLD: <u>5.48</u> 4. MIN. ALT: <u>OPICU 2400, RUZLY 2100, CILRU/2.80 NM TO RW34 1220*</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2100</u> GS ALT AT: <u>RUZLY</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>30.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: _____				MAG VAR: 7W EPOCH YEAR: 2000	
MINIMUMS					
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @
CATEGORY ==>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	663	1 1/4	364	663	1 1/4
LNAV MDA	860	1	561	860	1 1/2
CIRCLING	860	1	560	880	1 1/2
NOTES: CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. *LNAV ONLY SEE 8260-10					
CITY AND STATE		ELEVATION: 300 TDZE: 299		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WADESBORO, NC		AIRPORT NAME:		RNAV (GPS) RWY 34, AMDT 1	
		ANSON COUNTY		31 JUL 2008	
		FACILITY IDENTIFIER: RNAV		SUP:	
				AMDT: ORIG	
				DATED 06/08/2006	

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ROCKINGHAM ALTIMETER SETTING AND INCREASE DA TO 712 AND ALL MDA 60 FEET, LPV VISIBILITY 1/4 MILE ALL CATS, LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	252/30 CW 072/30 (NOPT)	OPICU (IF/IAF)	2400
2.	072/30 CW 162/30	AZOHO (IAF)	2400
3.	162/30 CW 252/30	OSHER (IAF)	2400

CITY AND STATE

WADESBORO, NC

ELEVATION: 300

TDZE: 299

AIRPORT NAME:

ANSON COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

31 JUL 2008

SUP:

AMDT:

ORIG

DATED:

06/08/2006

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KAFP
RUNWAY RW34
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W34A
LTP/FTP LATITUDE 350049.7465N
LTP/FTP LONGITUDE 0800423.4155W
LTP/FTP ELLIPSOIDAL HEIGHT +00598
FPAP LATITUDE 350210.3300N
FPAP LONGITUDE 0800510.0500W
THRESHOLD CROSSING HEIGHT (TCH) 00030.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1072
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

70E90738

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00904
FPAP ORTHOMETRIC HEIGHT +00904

CITY AND STATE

WADESBORO, NC

ELEVATION: 300 TDZE: 299

AIRPORT NAME:

ANSON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 06/08/2006

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

[illegible]

CITY AND STATE WADESBORO, NC	ELEVATION: 300 TDZE: 299 AIRPORT NAME: ANSON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 34, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 06/08/2006

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

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SUSAP KAFPK7PR34 RW34 001 0000W34A0N3500497465W08004234155+005980300N3502103300W08005100500106751072000300F40050070E90738
SUSAP KAFPK7PR34 RW34 002E +00904+00904LPV 69408 000

CITY AND STATE

WADESBORO, NC

ELEVATION: 300 TDZE: 299

AIRPORT NAME:

ANSON COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 34, AMDT 1

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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	AZOHO	AZOHO	010	IAF	IF		FB				
	AZOHO	OPICU	020		TF		FB	1.0	071.6 (065T)	005.0	02400
	OPICU	OPICU	010		HF	R	FB		341.6 (335T)	004.0	02400
	OSHER	OSHER	010	IAF	IF		FB				
	OSHER	OPICU	020		TF		FB	1.0	251.7 (245T)	005.0	02400
		OPICU	010	FACF	IF		FB				02400
		RUZLY	020	FAF	TF		FB	0.5	341.6 (335T)	006.5	02100
		CILRU	021	SDF	TF		FB	0.3	341.6 (335T)	002.7	01220
		RW34	030	MAP	TF		FO	0.3	341.6 (335T)	002.8	00327

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JORGA	040		DF		FO	1.0			02400
	JORGA	050		HM	R	FO	2.0	161.5 (155T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AZOHO	N344749.43	W0800336.66	N3447.824	W08003.611
	CILRU	N345817.80	W0800255.57	N3458.297	W08002.926
	JORGA	N351221.68	W0801104.83	N3512.361	W08011.081
	OPICU	N344958.40	W0795807.57	N3449.973	W07958.126
	OSHER	N345207.12	W0795238.19	N3452.119	W07952.637
	RUZLY	N345552.08	W0800131.42	N3455.868	W08001.524
	RW34	N350049.75	W0800423.42	N3500.829	W08004.390

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00297	30

CITY AND STATE
WADESBORO, NCELEVATION: 300 TDZE: 299
AIRPORT NAME:
ANSON COUNTYFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 34, AMDT 1
31 JUL 2008SUP:
AMDT: ORIG
DATED: 06/08/2006

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

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TERMINAL ROUTES										MISSED APPROACH																																																																																																																																																						
FROM		TO		COURSE AND DISTANCE				ALTITUDE																																																																																																																																																								
										ADDITIONAL FLIGHT DATA:																																																																																																																																																						
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																																																																																																																																																																
2. _____																																																																																																																																																																
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																																																																																																																																																																
4. MIN. ALT _____																																																																																																																																																																
8. MSA FROM: _____																																																																																																																																																																
MAG VAR: _____ EPOCH YEAR: _____																																																																																																																																																																
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td colspan="2">TAKEOFF:</td> <td colspan="2">STANDARD</td> <td colspan="6">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> <td colspan="4"></td> </tr> <tr> <td colspan="2">CATEGORY =====></td> <td colspan="3">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>																TAKEOFF:		STANDARD		SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A						CATEGORY =====>		A			B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																
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CATEGORY =====>		A			B			C			D			E																																																																																																																																																		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																																																																	
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PROCEDURE CANCELED EFFECTIVE 31 JUL 2008																																																																																																																																																																
CITY AND STATE KEENE, NH				ELEVATION: 488 TDZE: 488 AIRPORT NAME: DILLANT-HOPKINS				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 2, ORIG-A, 04/25/2006				SUP AMDT ORIG DATE 09/11/199																																																																																																																																																		

QUALITY
2
CHECK

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV: RW02 CLIMB TO 3000 DIRECT TEYRU AND VIA 288.23 TRACK TO UGUU AND VIA 198.08 TRACK TO WINVI AND VIA 107.60 TRACK TO EEN VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 191.00 INBOUND. CHART FAS OBST: 1300 TREE 424929N/0721440W CHART 1497 TREE 424706N/0721810W. DISTANCE TO THLD FROM 396 HAT: 1.11 NM. WAAS CHANNEL # 65708 REFERENCE PATH ID: W02A						
BRATS		ZORFO (FB)		158.10 / 20.26				5000								
LURCH		TESCO (FB)		245.56 / 21.06				4000								
GDM VOR/DME (IAF)		JUNPU (FB)		323.64 / 12.95				3400								
ZORFO (IAF)		JUNPU (FB)		108.15 / 5.00				3400								
TESCO (IAF)		JUNPU (FB)		288.31 / 5.00				3400								
JUNPU (IF)		JURGI (FB)		018.23 / 6.04				2600								
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT <u>JUNPU</u> 3. FAC: <u>018.23</u> FAF: <u>JURGI</u> DIST FAF TO MAP: <u>6.38</u> THLD: <u>6.38</u> 4. MIN. ALT: <u>JUNPU 3400, JURGI 2600, CEYAK/4.00 NM TO RW02 1820*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2600</u> GS ALT AT: <u>JURGI 2600</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>42.6</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW02 4800</u>																
										MAG VAR: 15W EPOCH YEAR: 1995						
MINIMUMS																
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N/A		@				
CATEGORY >>>>>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	884	1	396	884	1	396	884	1	396	884	1	396				
LNAV MDA	1380	1	892	1380	1	892	1380	2 1/4	892	1380	2 1/2	892				
CIRCLING	1380	1 1/4	892	1480	1 1/2	992	1480	3	992	1640	3	1152				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY SEE 8260-10																
CITY AND STATE KEENE, NH				ELEVATION: 488 TDZE: 488 AIRPORT NAME: DILLANT-HOPKINS				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, ORIG 31 JUL 2008				SUP: AMDT: NONE DATED		

 QUALITY
2
Checked

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE ORANGE, MA ALTIMETER SETTING AND INCREASE ALL DA 55 FT AND ALL MDA 60 FT AND LNAV CAT C VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY ALL CATS TO 1 1/2 MILE AND LNAV CATS A AND B VISIBILITIES TO 1 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING ORANGE, MA ALTIMETER SETTING, INCREASE LPV VISIBILITY ALL CATS TO 1 1/2 MILE AND LNAV CAT A VISIBILITY TO 1 1/4 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON GDM VOR/DME AIRWAY RADIALS 263 CW 339.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT BRATS VIA V431 NORTHWEST BOUND.

CITY AND STATE

KEENE, NH

ELEVATION: 488 TDZE: 488

AIRPORT NAME:

DILLANT-HOPKINS

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

QUALITY
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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

0
0
KEEN
RW02
0
0
W02A
425314.3530N
0721615.1370W
+01210
425415.5100N
0721610.4300W
00042.6
F
03.00
106.75
0000
40.0
50.0

CRC REMAINDER

87B5D144

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+01487
+01487

CITY AND STATE
KEENE, NH

ELEVATION: 488 TDZE: 488
AIRPORT NAME:
DILLANT-HOPKINS

FACILITY
IDENTIFIER:
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PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, ORIG
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[illegible][illegible][illegible][illegible]

SUP: _____
AMDT: **NONE**
DATED: _____

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

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SUSAP KEENK6FR02	R	021CEYAKK6EA0E S	031TF	01820024	V	0182001820	-300	A JS
SUSAP KEENK6FR02	R	030RW02 K6PG0GY M	031TF	01820040		00531	-300	A JS
SUSAP KEENK6FR02	R	040TEYRUK6EA0E M	010DF					A JS
SUSAP KEENK6FR02	R	050UGUYUK6EA0E	010TF	2882				A JS
SUSAP KEENK6FR02	R	060WINVIK6EA0E	010TF	1981				A JS
SUSAP KEENK6FR02	R	070EEN K6D 0VY	010TF	1076		+ 03000		A JS
SUSAP KEENK6FR02	R	080EEN K6D 0VE HR020HM		19100040		+ 03000		A JS

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

SUSAP KEENK6GRW02	0062010182 N42531435W072161514-0100	+0121000488000043100R											

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

SUSAP KEENK6PR02	RW02 001 0000W02A0N4253143530W07216151370+012100300N4254155100W07216104300106750000000426F40050087B5D144												
SUSAP KEENK6PR02	RW02 002E +01487+01487LPV 65708 000												

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

SUSAP KEENK6SRW02 K6PG	0 18018004825	M											

CITY AND STATE
KEENE, NH

ELEVATION: 488 TDZE: 488
 AIRPORT NAME:
 DILLANT-HOPKINS

FACILITY
IDENTIFIER:
RNAV

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

SUP:
 AMDT: NONE
 DATED:

QUALITY
2
CHECKED

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BRATS	BRATS	010		IF		FB				
	BRATS	ZORFO	020	IAF	TF		FB	2.0	158.1(143T)	020.3	05000
	BRATS	JUNPU	030		TF		FB	1.0	108.2(093T)	005.0	03400
	GDM	GDM	010	IAF	IF		FB				
	GDM	JUNPU	020		TF		FB	1.0	323.6(309T)	013.0	03400
	LURCH	LURCH	010		IF		FB				
	LURCH	TESCO	020	IAF	TF		FB	2.0	245.6(231T)	021.1	04000
	LURCH	JUNPU	030		TF		FB	1.0	288.3(273T)	005.0	03400
		JUNPU	010	FACF	IF		FB				03400
		JURGI	020	FAF	TF		FB	0.5	018.2(003T)	006.0	02600
		CEYAK	021	SDF	TF		FB	0.3	018.2(003T)	002.4	01820
		RW02	030	MAP	TF		FO	0.3	018.2(003T)	004.0	00531

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TEYRU	040		DF		FB	1.0			
	UGUYU	050		TF		FB	1.0	288.2(273T)		
	WINVI	060		TF		FB	1.0	198.1(183T)		
	EEN	070		TF		FO	1.0	107.6(093T)		03000
	EEN	080		HM	R	FO	2.0	191.0(176T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EEN	N424739.40	W0721730.40	N4247.657	W07217.507
	GDM	N423245.42	W0720329.48	N4232.757	W07203.491
	BRATS	N425719.89	W0724027.73	N4257.332	W07240.462
	CEYAK	N424914.67	W0721633.57	N4249.245	W07216.560
	JUNPU	N424049.83	W0721712.26	N4240.831	W07217.204
	JURGI	N424651.76	W0721644.54	N4246.863	W07216.742
	LURCH	N425357.64	W0714823.47	N4253.961	W07148.391
	TESCO	N424032.72	W0721026.21	N4240.545	W07210.437
	TEYRU	N425801.97	W0721553.04	N4258.033	W07215.884
	UGUYU	N425834.98	W0722929.08	N4258.583	W07229.485
	WINVI	N424805.72	W0723015.06	N4248.095	W07230.251
	ZORFO	N424106.54	W0722358.37	N4241.109	W07223.973
	RW02	N425314.35	W0721615.14	N4253.239	W07216.252

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

CITY AND STATE KEENE, NH	ELEVATION: 488 TDZE: 488	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME: DILLANT-HOPKINS			AMDT: NONE
				DATED:

QUALITY CHECKED

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

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

RW02 00488 43

CITY AND STATE
KEENE, NH

ELEVATION: 488 TDZE: 488
AIRPORT NAME:
DILLANT-HOPKINS

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED: 2

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 22L, STANDARD.

RWY 4L, STANDARD WITH MINIMUM CLIMB OF 383 FT PER NM TO 800.

RWY 4R, STANDARD WITH MINIMUM CLIMB OF 373 FT PER NM TO 800.

RWY 11, STANDARD WITH MINIMUM CLIMB OF 240 FT PER NM TO 2000.

(CONTINUED)

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4L, TOWER, LIGHT, AND MULTIPLE TREES BEGINNING 211' FROM DER, 198' LEFT OF CENTERLINE, UP TO 70' AGL/89' MSL. DME ANTENNA AND POLE BEGINNING 881' FROM DER, 418' RIGHT OF CENTERLINE, UP TO 121' AGL/131' MSL.

NOTE: RWY 4R, DME ANTENNA, TREE, AND MULTIPLE TOWERS BEGINNING 530' FROM DER, 477' LEFT OF CENTERLINE, UP TO 61' AGL/82' MSL. TOWER, SIGN, TREE, MULTIPLE BUILDINGS AND POLES BEGINNING 1134' FROM DER, 153' RIGHT OF CENTERLINE, UP TO 121' AGL/131' MSL.

NOTE: RWY 11, TERRAIN, SIGN, TREE, ROAD, FENCE, BUILDING, AND MULTIPLE POLES BEGINNING 82' FROM DER, 2' LEFT OF CENTERLINE, UP TO 49' AGL/68' MSL. POLE AND MULTIPLE SIGNS BEGINNING 6' FROM DER, 158' RIGHT OF CENTERLINE, UP TO 31' AGL/50' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 4R/4L: 598 MSL BLDG 404412.00N/0741015.00W.

RWY 11: 1515 MSL BLDG 404454.00N/0735908.00W.

RWY 22R: 227 MSL BLDG 403908.00N/0741112.00W.

RWY 29: 357 MSL BLDG 404231.27N/0741206.59W. 328 MSL BLDG 404238.45N/0741248.06W.

(5) City, State

NEWARK, NJ

(6) Airport

NEWARK LIBERTY INTL

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

4



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

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

(1) TAKEOFF MINIMUMS: (CONTINUED)

RWY 22R, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 203 FT PER NM TO 300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1200 FEET PRIOR TO DEPARTURE END OF RUNWAY.

RWY 29, 400-2 OR STANDARD WITH MINIMUM CLIMB OF 444 FT PER NM TO 500.

(3) TAKEOFF OBSTACLE NOTES: (CONTINUED)

NOTE: RWY 22L, POLE 8' FROM DER, 261' LEFT OF CENTERLINE, 7' AGL/16' MSL.

NOTE: RWY 22R, LIGHT AND MULTIPLE TREES BEGINNING 1829' FROM DER, 307' RIGHT OF CENTERLINE, UP TO 55' AGL/69' MSL. BUILDING 1.4 NM FROM DER, 1872' LEFT OF CENTERLINE, 200' AGL/227' MSL.

NOTE: RWY 29, POLES, TREES, MULTIPLE SIGNS AND BUILDINGS BEGINNING 209' FROM DER, 242' LEFT OF CENTERLINE, UP TO 110' AGL/120' MSL. TREE, MULTIPLE SIGNS AND POLES BEGINNING 689' FROM DER, 66' RIGHT OF CENTERLINE, UP TO 273' AGL/358' MSL. BUILDING 6020' FROM DER, 1624' RIGHT OF CENTERLINE, 273' AGL/357' MSL. BUILDING 1.5 NM FROM DER, 2071' RIGHT OF CENTERLINE, 202' AGL/328' MSL.

City, State NEWARK, NJ		Airport NEWARK LIBERTY INTL		Effective Date 31 JUL 2008	Amdt. No. 4
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:
RWY 35 NA - OBSTACLES

(2) TEXTUAL DEPARTURE PROCEDURE:
RWY 17: USE ANEKE RNAV DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State ANGEL FIRE, NM	(6) Airport ANGEL FIRE	(7) Effective Date 31 JUL 2008	(8) Amdt. No. 1

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES				MISSED APPROACH									
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV: RW35 CLIMB TO 3000 DIRECT COVDA AND VIA 346.81 TRACK TO JSSIE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 166.76 INBOUND. CHART FAS OBST: 1526 TOWER 414119N/0734134W CHART PLANVIEW: CMK VOR/DME DISTANCE TO THLD FROM 348 HAT: 0.97 NM. WAAS CHANNEL # 86308 REFERENCE PATH ID: W35A									
VALRE	HIBBY (FB)	084.87 / 3.33	4000										
HIBBY (IAF)	REDME (FB)	074.14 / 9.93	3000										
NOBBI (IAF)	REDME (FB)	020.48 / 6.75	3000										
LOVES (IAF)	REDME (FB)	282.31 / 5.99	3000										
REDME (IF)	HAGWE (FB)	346.93 / 6.10	2400										
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT REDME 3. FAC: <u>346.88</u> FAF: <u>HAGWE</u> DIST FAF TO MAP: <u>5.15</u> THLD: <u>5.15</u> 4. MIN. ALT: <u>REDME 3000, HAGWE 2400</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>2400</u> GS ALT AT: <u>HAGWE</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW35 4400</u>				MAG VAR: 14W EPOCH YEAR: 2000									
MINIMUMS													
TAKEOFF:	☐ STANDARD	☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒										
CATEGORY =====>	A		B		C		D		E				
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	1046	1 1/4	348	1046	1 1/4	348		NA			NA		
LNAV MDA	1700	1 1/4	1002	1700	1 1/2	1002		NA			NA		
CIRCLING	1700	1 1/4	1002	1700	1 1/2	1002		NA			NA		
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: USE NEWBURGH ALTIMETER SETTING; WHEN NOT RECEIVED USE POUGHKEEPSIE ALTIMETER SETTING AND INCREASE LPV DA TO 1063, AND ALL MDA 20 FEET CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOBBI VIA V123-405-483 SOUTHBOUND													
CITY AND STATE			ELEVATION: 698 TDZE: 698			FACILITY IDENTIFIER:			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:	
MILLBROOK, NY			AIRPORT NAME:			RNAV			RNAV (GPS) RWY 35, AMDT 1			AMDT: ORIG	
			SKY ACRES						31 JUL 2008			DATED 08/30/2007	

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

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

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	44N
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	414209.8950N
LTP/FTP LONGITUDE	0734405.3570W
LTP/FTP ELLIPSOIDAL HEIGHT	+01813
FPAP LATITUDE	414329.2200N
FPAP LONGITUDE	0734459.6600W
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	1584
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

25EEE574

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02124
FPAP ORTHOMETRIC HEIGHT	+02124

CITY AND STATE MILLBROOK, NY	ELEVATION: 698 TDZE: 698	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 31 JUL 2008	SUP:
	AIRPORT NAME:			AMDT: ORIG
	SKY ACRES			DATED: 08/30/2007

QUALITY
2
CHECKED

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

[illegible]

CITY AND STATE MILLBROOK, NY	ELEVATION: 698 TDZE: 698 AIRPORT NAME: SKY ACRES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 08/30/2007

2
CHECKED

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

CITY AND STATE MILLBROOK, NY	ELEVATION: 698 TDZE: 698 AIRPORT NAME: SKY ACRES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 08/30/2007

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	LOVES	LOVES	010	IAF	IF		FB				
	LOVES	REDME	020		TF		FB	1.0	282.3 (268T)	006.0	03000
	NOBBI	NOBBI	010	IAF	IF		FB				
	NOBBI	REDME	020		TF		FB	1.0	020.5 (007T)	006.8	03000
	VALRE	VALRE	010		IF		FB				
	VALRE	HIBBY	020	IAF	TF		FB	2.0	084.9 (071T)	003.3	04000
	VALRE	REDME	030		TF		FB	1.0	074.1 (060T)	009.9	03000
		REDME	010	FACF	IF		FB				03000
		HAGWE	020	FAF	TF		FB	0.5	346.9 (333T)	006.1	02400
		RW35	030	MAP	TF		FO	0.3	346.9 (333T)	005.2	00737

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	COVDA	040		DF		FB	1.0			
	JSSIE	050		TF		FO	1.0	346.8 (333T)		03000
	JSSIE	060		HM	R	FO	2.0	166.8 (153T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COVDA	N414450.17	W0734554.98	N4144.836	W07345.916
	HAGWE	N413734.86	W0734057.40	N4137.581	W07340.957
	HIBBY	N412712.57	W0734843.33	N4127.210	W07348.722
	JSSIE	N415241.81	W0735119.23	N4152.697	W07351.321
	LOVES	N413219.64	W0732917.14	N4132.327	W07329.286
	NOBBI	N412526.34	W0733816.09	N4125.439	W07338.268
	REDME	N413208.78	W0733715.21	N4132.146	W07337.254
	VALRE	N412607.18	W0735254.25	N4126.120	W07352.904
	RW35	N414209.90	W0734405.36	N4142.165	W07344.089

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00697	40

CITY AND STATE
MILLBROOK, NY

ELEVATION: 698 TDZE: 698
 AIRPORT NAME:
 SKY ACRES

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 35, AMDT 1
 31 JUL 2008

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
EGELY (IAF)	NIRVY (NOPT) (FB)	098.81 / 5.00	4100	LPV: DA LNAV: RW01
ELREQ (IAF)	NIRVY (NOPT) (FB)	278.97 / 5.00	4100	
NIRVY (IF/IAF)	AGFUB (FB)	008.89 / 6.10	2700	CLIMB TO 4000 DIRECT WOFIL AND HOLD, CONTINUE CLIMB IN HOLD TO 4000.
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 188.89 INBOUND. CHART FAS OBST: 1539 TREE 423437N/0770230W. CHART 1659 TREE 423328N/0770241W. DISTANCE TO THLD FROM 370 HAT: 1.04 NM. WAAS CHANNEL # 99507 REFERENCE PATH ID: W01A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S NIRVY, LT, 008.89 INBOUND, 4100 FT. IN LIEU OF PT (IAF)
- FAC: 008.88 FAF: AGFUB DIST FAF TO MAP: 5.17 THLD: 5.17
- MIN. ALT: NIRVY 4100, AGFUB 2700, ZETEX/3.80 NM TO RW01 2240*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2700 GS ALT AT: AGFUB OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 12W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A												@
CATEGORY	=====	A			B			C			D			E			
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA		1360	1 1/4	370	1360	1 1/4	370	1360	1 1/4	370	1360	1 1/4	370				
LNAV MDA		1800	1	810	1800	1 1/4	810	1800	2 1/4	810	1800	2 1/2	810				
CIRCLING		1800	1	810	1800	1 1/4	810	1800	2 1/4	810	1800	2 1/2	810				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELMIRA ALTIMETER SETTING AND INCREASE
SEE 8260-10

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

CITY AND STATE PENN YAN, NY	ELEVATION: 990 TDZE: 990 AIRPORT NAME: PENN YAN	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, AMDT 3 31 JUL 2008	SUP: AMDT: 2 DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

LPV DA 73 FEET, ALL MDA 80 FEET, LPV ALL CATS VISIBILITY 1/4 MILE, LNAV AND CIRCLING CAT A VISIBILITY 1/4 MILE, AND LNAV AND CIRCLING CATS C AND D VISIBILITY 1/2 MILE.

TAA

	FROM	TO	ALT
1.	279/30 CW 099/30 (NOPT)	NIRVY (IF/IAF) (FB)	4100
2.	099/30 CW 189/30	EGELY (IAF) (FB)	4100
3.	189/30 CW 279/30	ELREQ (IAF) (FB)	4100

CITY AND STATE

PENN YAN, NY

ELEVATION: 990 TDZE: 990

AIRPORT NAME:

PENN YAN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, AMDT 3

31 JUL 2008

SUP:

AMDT: 2

DATED: 05/10/2007

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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

0
0
KPEO
RW01
0
0
W01A
423733.1000N
0770305.6900W
+02681
423902.1000N
0770312.2600W
00040.0
F
03.00
106.75
1072
40.0
50.0

CRC REMAINDER

8F6989CE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K6
+03018
+03018

CITY AND STATE
PENN YAN, NY

ELEVATION: 990 TDZE: 990
AIRPORT NAME:
PENN YAN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, AMDT 3
31 JUL 2008

SUP:

AMDT: 2

DATED: 05/10/2007

QUALITY
CHECKED

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

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

CITY AND STATE
PENN YAN, NY

ELEVATION: 990 TDZE: 990
AIRPORT NAME:
PENN YAN

FACILITY IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, AMDT 3
31 JUL 2008

SUP:	
AMDT:	2
DATED:	05/10/2007

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

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

SUSAP KPEOK6PR01 RW01 001 0000W01A0N4237331000W07703056900+026810300N4239021000W07703122600106751072000400F4005008F6989CE
SUSAP KPEOK6PR01 RW01 002E +03018+C3018LPV 99507 000

CITY AND STATE

PENN YAN, NY

ELEVATION: 990 TDZE: 990

AIRPORT NAME:

PENN YAN

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 1, AMDT 3

31 JUL 2008

SUP:

AMDT: 2

DATED: 05/10/2007

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EGELY	EGELY	010	IAF	IF		FB				
	EGELY	NIRVY	020		TF		FB	1.0	098.8(087T)	005.0	04100
	ELREQ	ELREQ	010	IAF	IF		FB				
	ELREQ	NIRVY	020		TF		FB	1.0	279.0(267T)	005.0	04100
	NIRVY	NIRVY	010		HF	L	FB		008.9(357T)	005.0	04100
		NIRVY	010	FACF	IF		FB				04100
		AGFUB	020	FAF	TF		FB	0.5	008.9(357T)	006.1	02700
		ZETEX	021	SDF	TF		FB	0.3	008.9(357T)	001.4	02240
		RW01	030	MAP	TF		FO	0.3	008.9(357T)	003.8	01030

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WOFIL	040		DF		FO	1.0			04200
	WOFIL	050		HM	R	FO	2.0	188.9(177T)	004.0	04200

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AGFUB	N423223.27	W0770242.85	N4232.388	W07702.714
	EGELY	N422601.20	W0770900.52	N4226.020	W07709.009
	ELREQ	N422633.76	W0765531.40	N4226.563	W07655.523
	NIRVY	N422617.68	W0770215.99	N4226.295	W07702.267
	WOFIL	N424826.64	W0770353.75	N4248.444	W07703.896
	ZETEX	N423345.37	W0770248.90	N4233.756	W07702.815
	RW01	N423733.10	W0770305.69	N4237.552	W07703.095

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00990	40

CITY AND STATE
PENN YAN, NY

ELEVATION: 990 TDZE: 990
 AIRPORT NAME:
PENN YAN

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, AMDT 3
31 JUL 2008

SUP:
 AMDT: **2**
 DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
NADOE (IAF)	MEKLE (NOPT) (FB)	128.85 / 5.00	2400	LNAV/VNAV: DA LNAV: RW04
LADME (IAF)	MEKLE (NOPT) (FB)	308.93 / 5.00	2400	
MEKLE (IF/IAF)	OHAGU (FB)	038.89 / 6.10	2200	CLIMB TO 2600 DIRECT CERKA AND HOLD.
				ADDITIONAL FLIGHT DATA: HOLD NE, RT, 219.08 INBOUND. FAS OBST: 819 AAO 353632N/0952436W 959 AAO 353535N/0952601W. CHART VDP AT 1.35 MILES TO RW04* *LNAV ONLY. CHART APT ELEVATION 611 DISTANCE TO THLD FROM 468 HAT: 1.34 NM

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW MEKLE, RT, 038.89 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
- FAC: 038.94 FAF: OHAGU DIST FAF TO MAP: 4.80 THLD: 4.80
- MIN. ALT: MEKLE 2400, OHAGU 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2200 GS ALT AT: OHAGU OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 6E

EPOCH YEAR: 1985

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	
LNAV/VNAV DA	1079	1 3/4	468	1079	1 3/4	468	1079	1 3/4	468	1079	1 3/4	468				
LNAV MDA	1080	1	469	1080	1	469	1080	1 1/4	469	1080	1 1/2	469				
CIRCLING	1120	1	509	1160	1	549	1180	1 1/2	569	1200	2	589				

NOTES:
CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TAHEQUAH ALTIMETER SETTING.
SEE 8260-10.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 611 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 4, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 11/28/2002

QUALITY
CHECKED

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

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

NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAHLEQUAH ALTIMETER SETTING AND INCREASE DA 92 FEET AND ALL VISIBILITIES 1/4 MILE, ALL MDA 100 FEET, CAT C AND D VISIBILITIES 1/4 MILE.

TAA

	FROM	TO	ALT
1.	309/30 CW 129/30 (NOPT)	309/10 CW 129/10	3100
2.	309/10 CW 129/10	MEKLE (IF/IAF) (FB)	2400
3.	129/30 CW 219/30	129/10 CW 219/10	3600
4.	129/10 CW 219/10	NADOE (IAF)	2400
5.	219/30 CW 309/30	219/5 CW 309/5	3000
6.	219/5 CW 309/5	LADME (IAF)	2400

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611 TDZE: 611

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 4, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 11/28/2002

CHECKED

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

[illegible]

SUP:	
AMDT:	ORIG
DATED:	11/28/2002

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LADME	LADME	010	IAF	IF		FB				
	LADME	MEKLE	020		TF		FB	1.0	308.9 (315T)	005.0	02400
	MEKLE	MEKLE	010		HF	R	FB		038.9 (045T)	004.0	02400
	NADOE	NADOE	010	IAF	IF		FB				
	NADOE	MEKLE	020		TF		FB	1.0	128.9 (135T)	005.0	02400
		MEKLE	010	FACF	IF		FB				02400
		OHAGU	020	FAF	TF		FB	0.5	038.9 (045T)	006.1	02200
		RW04	030	MAP	TF		FO	0.3	038.9 (045T)	004.8	00651

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CERKA	040		DF		FO	1.0			02600
	CERKA	050		HM	R	FO	2.0	219.1 (225T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CERKA	N354741.56	W0951208.42	N3547.693	W09512.140
	LADME	N352809.74	W0952723.57	N3528.162	W09527.393
	MEKLE	N353141.87	W0953143.78	N3531.698	W09531.730
	NADOE	N353513.84	W0953604.37	N3535.231	W09536.073
	OHAGU	N353601.59	W0952626.87	N3536.027	W09526.448
	RW04	N353925.55	W0952217.40	N3539.426	W09522.290

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00611	40

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 611
 AIRPORT NAME:
DAVIS FIELD

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 4, AMDT 1
31 JUL 2008

SUP:
 AMDT: ORIG
 DATED: 11/28/2002

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
JANUX (IAF)	POKYO (NOPT) (FB)	218.92 / 6.00	2900	LPV: DA LNAV/VNAV: DA LNAV: RW13	
MODVE (IAF)	POKYO (NOPT) (FB)	038.82 / 6.00	2900	CLIMB TO 2800 DIRECT FALUN AND HOLD.	
POKYO (IF/IAF)	CULAD (FB)	128.87 / 6.10	2400		
				ADDITIONAL FLIGHT DATA: HOLD SE, RT, 309.08 INBOUND. CHART FAS OBST: 819 TREE 354027N/0952315W CHART FAS OBST: 1004 TOWER 354051N/0952520W CHART 1212 TOWER 354206N/0952608W. CHART VDP AT 1.64 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 70607 REFERENCE PATH ID: W13A DISTANCE TO THLD FROM 250 HAT: 0.63NM.	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW POKYO, RT, 128.87 INBOUND, 2900 FT. IN LIEU OF PT (IAF) 3. FAC: 128.92 FAF: CULAD DIST FAF TO MAP: 5.39 THLD: 5.39 4. MIN. ALT: POKYO 2900, CULAD 2400, HENBI/3.00 NM TO RW13 1620* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2400 GS ALT AT: CULAD OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR 8. MSA FROM: _____					
				MAG VAR: 6E EPOCH YEAR: 1985	

MINIMUMS																
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT							ALTERNATE: N A	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	857	3/4	250	857	3/4	250	857	3/4	250	857	3/4	250	857	3/4	250	
LNAV/VNAV DA	1142	2	535	1142	2	535	1142	2	535	1142	2	535	1142	2	535	
LNAV MDA	1180	1	573	1180	1	573	1180	1 1/2	573	1180	1 3/4	573	1180	2	573	
CIRCLING	1180	1	569	1180	1	569	1180	1 1/2	569	1200	2	589	1580	3	969	

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (+4F) OR ABOVE 47C (116F).

CHART NOTE: DME/DME RNP-0.3 NA.

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

SEE 8260-10

@ CAT E 1000-3

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 607 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAHLEQUAH ALTIMETER SETTING AND INCREASE ALL DA 92 FT; INCREASE LPV VISIBILITY 1/2 MILE ALL CATS. INCREASE LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, INCREASE ALL MDA 100 FEET AND LNAV CAT C/D/E VISIBILITY 1/2 MILE, CIRCLING VISIBILITY CAT C/D 1/4 MILE.

*LNAV ONLY

TAA

	FROM	TO	ALT
1.	039/30 CW 219/30 (NOPT)	039/5 CW 219/5	3600
2.	039/5 CW 219/5	POKYO (IF/IAF) (FB)	2900
3.	219/30 CW 309/30	219/5 CW 309/5	3000
4.	219/5 CW 309/5	JANUX (IAF) (FB)	2900
5.	309/30 CW 039/30	309/5 CW 039/5	3000
6.	309/5 CW 039/5	MODVE (IAF) (FB)	2900

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611 TDZE: 607

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMKO
RUNWAY RW13
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W13A
LTP/FTP LATITUDE 353939.2795N
LTP/FTP LONGITUDE 0952201.8705W
LTP/FTP ELLIPSOIDAL HEIGHT +01553
FPAP LATITUDE 353836.2100N
FPAP LONGITUDE 0952044.5300W
THRESHOLD CROSSING HEIGHT (TCH) 00050.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0552
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

F76D2E7A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +01849
FPAP ORTHOMETRIC HEIGHT +01849

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611 TDZE: 607

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECK

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

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ARINC PACKET - 424-18

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

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 607
AIRPORT NAME:
DAVIS FIELD

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, ORIG
31 JUL 2008

SUP:	
AMDT:	NONE
DATED:	1/1/11

ALITA
1
CHECKED

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

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

SUSAP KMKOK4PR13 RW13 001 0000W13A0N3539392795W09522018705+015530300N3538362100W09520445300106750552000500F400500F76D2E7A
SUSAP KMKOK4PR13 RW13 002E +01849+01849LPV 70607 000

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611 TDZE: 607

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, ORIG

31 JUL 2008

SUP:

AMDT:

NONE

DATED:

CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JANUX	JANUX	010	IAF	IF		FB				
	JANUX	POKYO	020		TF		FB	1.0	218.9 (225T)	006.0	02900
	MODVE	MODVE	010	IAF	IF		FB				
	MODVE	POKYO	020		TF		FB	1.0	038.8 (045T)	006.0	02900
	POKYO	POKYO	010		HF	R	FB		128.9 (135T)	004.0	02900
		POKYO	010	FACF	IF		FB				02900
		CULAD	020	FAF	TF		FB	0.5	128.9 (135T)	006.1	02400
		HENBI	021	SDF	TF		FB	0.3	128.9 (135T)	002.4	01620
		RW13	030	MAP	TF		FO	0.3	128.9 (135T)	003.0	00657

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FALUN	040		DF		FO	1.0			02800
	FALUN	050		HM	R	FO	2.0	309.1 (315T)	004.0	02800

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CULAD	N354328.26	W0952643.08	N3543.471	W09526.718
	FALUN	N353037.50	W0951059.18	N3530.625	W09510.986
	HENBI	N354146.66	W0952438.22	N3541.778	W09524.637
	JANUX	N355202.22	W0952648.94	N3552.037	W09526.816
	MODVE	N354331.19	W0953713.36	N3543.520	W09537.223
	POKYO	N354746.82	W0953201.43	N3547.780	W09532.024
	RW13	N353939.28	W0952201.87	N3539.655	W09522.031

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00607	50

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 607
 AIRPORT NAME:
 DAVIS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 13, ORIG
 31 JUL 2008

SUP:
 AMDT: NONE
 DATED:

QUALITY
110

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
KURRE (IAF)	CERKA (NOPT) (FB)	309.12 / 5.00	2600	LNAV: RW22	
JOKAT (IAF)	CERKA (NOPT) (FB)	129.04 / 5.00	2600		
CERKA (IF/IAF)	FEVUP (FB)	219.08 / 6.10	2200	CLIMB TO 2400 DIRECT MEKLE AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD SW, RT, 038.89 INBOUND. FAS OBST: 849 AAO 354150N/0951756W 959 AAO 353535N/0952601W. 909 AAO 354253N/0951619W CHART VDP AT 1.44 MILES TO RW22. FEVUP TO RW22: 3.04/40 CHART APT ELEVATION 611	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE CERKA, RT, 219.08 INBOUND, 2600 FT. IN LIEU OF PT (IF/IAF) 3. FAC: <u>219.03</u> FAF: <u>FEVUP</u> DIST FAF TO MAP: <u>4.84</u> THLD: <u>4.84</u> 4. MIN. ALT: <u>CERKA 2600, FEVUP 2200</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u> </u> TCH: <u>34:1 IS CLEAR</u> 8. MSA FROM: <u> </u>					
				MAG VAR: 6E 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
LNAV MDA	1100	1	503	1100	1	503	1100	1 1/2	503	1100	1 1/2	503			
CIRCLING	1120	1	509	1160	1	549	1180	1 1/2	569	1200	2	589			

NOTES:
 CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAHLEQUAH ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LNAV CAT C VISIBILITY 1/4 MILE, CAT D VISIBILITY 1/2 MILE, INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 597 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	129/30 CW 309/30 (NOPT)	129/10 CW 309/10	3100
2.	129/10 CW 309/10	CERKA (IF/IAF)	2600
3.	309/30 CW 039/30	309/5 CW 039/5	3000
4.	309/5 CW 039/5	KURRE (IAF)	2600
5.	039/30 CW 129/30	039/10 CW 129/10	3500
6.	039/10 CW 129/10	JOKAT (IAF)	2600

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611 TDZE: 597

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 22, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 597 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 22, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CERKA	CERKA	010		HF	R	FB		219.1 (225T)	004.0	02600
	JOKAT	JOKAT	010	IAF	IF		FB				
	JOKAT	CERKA	020		TF		FB	1.0	129.0 (135T)	005.0	02600
	KURRE	KURRE	010	IAF	IF		FB				
	KURRE	CERKA	020		TF		FB	1.0	309.1 (315T)	005.0	02600
		CERKA	010	FACF	IF		FB				02600
		FEVUP	020	FAF	TF		FB	0.5	219.1 (225T)	006.1	02200
		RW22	030	MAP	TF		FO	0.3	219.0 (225T)	004.8	00637

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	MEKLE	040		DF		FO	1.0			02400
	MEKLE	050		HM	R	FO	2.0	038.9 (045T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CERKA	N354741.56	W0951208.42	N3547.693	W09512.140
	FEVUP	N354322.81	W0951726.49	N3543.380	W09517.442
	JOKAT	N355114.22	W0951629.01	N3551.237	W09516.484
	KURRE	N354408.74	W0950748.21	N3544.146	W09507.804
	MEKLE	N353141.87	W0953143.78	N3531.698	W09531.730
	RW22	N353957.01	W0952138.87	N3539.950	W09521.648

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00597	40

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 597
 AIRPORT NAME:
DAVIS FIELD

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 22, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED: **1**

QUALITY
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
GAMRE (IAF)	FALUN (NOPT) (FB)	039.03 / 6.00	2800	LPV: DA LNAV/VNAV: DA LNAV: RW31 CLIMB TO 2900 DIRECT POKYO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 128.87 INBOUND. CHART FAS OBST: 739 TREE 353908N/0952027W FAS OBST: 849 AAO 353543N/0951838W CHART 750 POWERLINES 353713N/0951754W CHART VDP AT 1.15 MILES TO RW31**LNAV ONLY. WAAS CHANNEL # 42807 REFERENCE PATH ID: W31B CHART AIRPORT ELEVATION 611 DISTANCE TO THLD FROM 250 HAT: 0.66 NM
EKARE (IAF)	FALUN (NOPT) (FB)	219.13 / 6.00	2800	
FALUN (IF/IAF)	IVCUP (FB)	309.08 / 6.10	2400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SE FALUN, RT, 309.08 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
- FAC: 309.30 FAF: IVCUP DIST FAF TO MAP: 5.46 THLD: 5.46
- MIN. ALT: FALUN 2800, IVCUP 2400, CONIK/2.80 NM TO RW31 1540*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2400 GS ALT AT: IVCUP OM: MM: IM:
- GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
- MSA FROM:

MAG VAR: 6E 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	843	1	250	843	1	250	843	1	250	843	1	250	843	1	250
LNAV/VNAV DA	1139	2	546	1139	2	546	1139	2	546	1139	2	546	1139	2	546
LNAV MDA	1000	3/4	407	1000	3/4	407	1000	1 1/4	407	1000	1 1/4	407	1000	1 1/2	407
CIRCLING	1120	1	509	1160	1	549	1180	1 1/2	569	1200	2	589	1580	3	969

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (+4F) OR ABOVE 47C (116F).
 CHART NOTE: BARO-VNAV AND VDP NA WHEN USING TAHLEQUAH ALTIMETER SETTING.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAHLEQUAH ALTIMETER SETTING AND SEE 8260-10.
 @ CAT E 1000-3
 @ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 593 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG-A DATED 07/06/2006

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

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

NOTES CONT.

INCREASE ALL DA 92 FEET, VISIBILITIES 1/4 MILE; INCREASE ALL MDA 100 FEET, LNAV VISIBILITIES CAT C/D/E 1/4 MILE, AND CIRCLING CAT C 1/4 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV CAT A/B/C AND LNAV CAT C.

*LNAV ONLY

TAA

	FROM	TO	ALT
1.	219/30 CW 039/30 (NOPT)	219/10 CW 039/10	3300
2.	219/10 CW 039/10	FALUN (IF/IAF)	2800
3.	039/30 CW 129/30	039/10 CW 129/10	3000
4.	039/10 CW 129/10	GAMRE (IAF)	2800
5.	129/30 CW 219/30	EKARE (IAF)	2800

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611

TDZE: 593

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG-A

DATED: 07/06/2006

CHECK

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KMKO
RUNWAY RW31
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W31B
LTP/FTP LATITUDE 353848.9435N
LTP/FTP LONGITUDE 0952100.1425W
LTP/FTP ELLIPSOIDAL HEIGHT +01475
FPAP LATITUDE 353952.0100N
FPAP LONGITUDE 0952217.4900W
THRESHOLD CROSSING HEIGHT (TCH) 00053.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0552
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

7D9608CD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K4
LTP ORTHOMETRIC HEIGHT +01771
FPAP ORTHOMETRIC HEIGHT +01771

CITY AND STATE

MUSKOGEE, OK

ELEVATION: 611

TDZE: 593

AIRPORT NAME:

DAVIS FIELD

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 31, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG-A

DATED: 07/06/2006

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

[illegible]

CITY AND STATE MUSKOGEE, OK	ELEVATION: 611 TDZE: 593 AIRPORT NAME: DAVIS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG-A
				DATED: 07/06/2008

CHECKED

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

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SUSAP KMKOK4PR31 RW31 001 0000W31B0N3538489435W09521001425+014750300N3539520100W09522174900106750552000530F4005007D9608CD
SUSAP KMKOK4PR31 RW31 002E +01771+01771LPV 42807 000

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 593
AIRPORT NAME:
DAVIS FIELD

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: ORIG-A
DATED: 07/06/2008

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EKARE	EKARE	010	IAF	IF		FB				
	EKARE	FALUN	020		TF		FB	1.0	219.1 (225T)	006.0	02800
	FALUN	FALUN	010		HF	R	FB		309.1 (315T)	004.0	02800
	GAMRE	GAMRE	010	IAF	IF		FB				
	GAMRE	FALUN	020		TF		FB	1.0	039.0 (045T)	006.0	02800
		FALUN	010	FACF	IF		FB				02800
		IVCUP	020	FAF	TF		FB	0.5	309.1 (315T)	006.1	02400
		CONIK	021	SDF	TF		FB	0.3	309.0 (315T)	002.7	01540
		RW31	030	MAP	TF		FO	0.3	309.0 (315T)	002.8	00634

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	POKYO	040		DF		FO	1.0			02900
	POKYO	050		HM	R	FO	2.0	128.9 (135T)	004.0	02900

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CONIK	N353649.98	W0951834.39	N3536.833	W09518.573
	EKARE	N353451.98	W0950546.66	N3534.866	W09505.778
	FALUN	N353037.50	W0951059.18	N3530.625	W09510.986
	GAMRE	N352622.79	W0951611.15	N3526.380	W09516.186
	IVCUP	N353456.82	W0951615.91	N3534.947	W09516.265
	POKYO	N354746.82	W0953201.43	N3547.780	W09532.024
	RW31	N353848.94	W0952100.14	N3538.816	W09521.002

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW31	00581	53

CITY AND STATE
MUSKOGEE, OK

ELEVATION: 611 TDZE: 593
 AIRPORT NAME:
DAVIS FIELD

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **ORIG-A**
 DATED: **07/06/2006**

CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 18, 36 NA-ENVIRONMENTAL.

RWY 4, 13 STANDARD.

RWY 22, 200-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 436 FEET PER NM TO 900.

RWY 31, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 217 FEET PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT/NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1,700 FT PRIOR TO DEPARTURE END OF RUNWAY.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 22, TREE 3,637' FROM DER, 985' RIGHT OF CENTERLINE, 100' AGL/809' MSL.

NOTE: RWY 31, TREE 7,679' FROM DER, 851' LEFT OF CENTERLINE, 100' AGL/819' MSL.

(4) CONTROLLING OBSTACLES:

RWY 22: 809 MSL TREE 353907.00N/0952257.00W

RWY 31: 819 MSL TREE 354027.00N/0952315.00W

(5) City, State

MUSKOGEE, OK

(6) Airport

DAVIS FIELD

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

ORIG

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

1. PT <u>L</u> SIDE OF COURSE <u>155.00</u> OUTBOUND <u>4500</u> FT WITHIN <u>10</u> MILES OF <u>ONO NDB</u> (IAF)	
2. _____	
3. FAC <u>335.00</u> FAF _____ DIST FAF TO MAP _____ THLD _____	
4. MIN. ALT _____	
8. MSA FROM: <u>ONO NDB 360-090 7100, 090-180 5800, 180-360 7500</u>	MAG VAR: 17E EPOCH YEAR: 1985

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: N A		X					
CATEGORY =====>		A			B			C			D			E			
		MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
S-32		3160	1 1/4	967	3160	1 1/2	967	3160	3	967	3160	3	967				
CIRCLING		3160	1 1/4	967	3160	1 1/2	967	3160	3	967	3160	3	967				

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE
MDA 100FT.

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PIYID	HOVEL (FB)	042.43 / 10.00	9000	LPV: DA LNAV/VNAV: DA LNAV: RW14
NEYGI	HOVEL (FB)	222.74 / 10.00	9000	
HOVEL	CEYTA (FB)	145.43 / 3.91	7400	CLIMB TO 9000 DIRECT TUCUB AND RIGHT TURN VIA 240.86 TRACK TO LUYID AND RIGHT TURN VIA 341.72 TRACK TO HOVEL AND HOLD.
CEYTA (IAF)	JIRBU (FB)	141.48 / 4.20	5500	
JIRBU (IF)	KODGE (FB)	141.51 / 3.15	5000	
KODGE	ZEMTI (FB)	141.53 / 3.15	4500	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 145.43 INBOUND. CHART FAS OBST: 2458 TREE 440301N/1170204W 3139 AAO 440757.00N/1170409.00W DISTANCE TO THLD FROM 551 HAT: 1.61 NM. WAAS CHANNEL # 78207 REFERENCE PATH ID: W14A

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT JIRBU
- FAC: 141.55 FAF: ZEMTI DIST FAF TO MAP: 6.98 THLD: 6.98
- MIN. ALT: JIRBU 5500, KODGE 5000, ZEMTI 4500, TEMAE/3.80 NM TO RW14 3420*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 4500 GS ALT AT: ZEMTI OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW14 7600

MAG VAR: 17E 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	2744	2	551	2744	2	551	2744	2	551	2744	2	551			
LNAV/VNAV DA	2781	2	588	2781	2	588	2781	2	588	2781	2	588			
LNAV MDA	2720	1	527	2720	1	527	2720	1 1/2	527	2720	1 3/4	527			
CIRCLING	2720	1	527	2760	1	567	2760	1 1/2	567	2760	2	567			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING CALDWELL ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 45C (113F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

CITY AND STATE ONTARIO, OR	ELEVATION: 2193 TDZE: 2193 AIRPORT NAME: ONTARIO MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 31 JUL 2008	SUP:
				AMD'T: NONE
				DATED

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

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

NOTES CONT.**CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.*****LNAV ONLY**

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE DA/MDA 100FT, AND INCREASE LPV VISIBILITY 1/4 MILE ALL CATS, LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS, LNAV CAT C AND D 1/4 MILE, CIRCLING CAT C 1/4 MILE.

CITY AND STATE

ONTARIO, OR

ELEVATION: 2193 TDZE: 2193

AIRPORT NAME:

ONTARIO MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KONO
RUNWAY RW14
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W14A
LTP/FTP LATITUDE 440132.7315N
LTP/FTP LONGITUDE 1170059.3835W
LTP/FTP ELLIPSOIDAL HEIGHT +06506
FPAP LATITUDE 440009.7700N
FPAP LONGITUDE 1170014.3200W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

2363D3F1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +06684
FPAP ORTHOMETRIC HEIGHT +06684

CITY AND STATE
ONTARIO, OR

ELEVATION: 2193 TDZE: 2193
AIRPORT NAME:
ONTARIO MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

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

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

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KONOK1FR14	ACEYTA	010CEYTA	K1EA0E	A	IF					18000		A JS	
SUSAP KONOK1FR14	ACEYTA	020JIRBUK1EA0EE		010TF		14150042		+ 05500				A JS	
SUSAP KONOK1FR14	AHOVEL	010HOVELK1EA0E		IF						18000		A JS	
SUSAP KONOK1FR14	AHOVEL	020CEYTA	K1EA0E	A	020TF	14540039		+ 07400				A JS	
SUSAP KONOK1FR14	AHOVEL	030JIRBUK1EA0EE		010TF		14150042		+ 05500				A JS	
SUSAP KONOK1FR14	ANEYGI	010NEYGIK1EA0E		IF						18000		A JS	
SUSAP KONOK1FR14	ANEYGI	020HOVELK1EA0E		020TF		22270100		+ 09000				A JS	
SUSAP KONOK1FR14	ANEYGI	030CEYTA	K1EA0E	A	020TF	14540039		+ 07400				A JS	
SUSAP KONOK1FR14	ANEYGI	040JIRBUK1EA0EE		010TF		14150042		+ 05500				A JS	
SUSAP KONOK1FR14	APIYID	010PIYIDK1EA0E		IF						18000		A JS	
SUSAP KONOK1FR14	APIYID	020HOVELK1EA0E		020TF		04240100		+ 09000				A JS	
SUSAP KONOK1FR14	APIYID	030CEYTA	K1EA0E	AR	020TFY	14540039		+ 07400				A JS	
SUSAP KONOK1FR14	APIYID	040JIRBUK1EA0EE		010TF		14150042		+ 05500				A JS	
SUSAP KONOK1FR14	R	010JIRBUK1EA0E		I	IF			+ 05500		18000		A JS	
SUSAP KONOK1FR14	R	011KODGEK1EA0E		S	051TF	14150032		+ 05000				A JS	
SUSAP KONOK1FR14	R	020ZEMTIK1EA1E		F	051TF	14150032		+ 04500				A JS	
SUSAP KONOK1FR14	R	020ZEMTIK1EA2WALPV									RW14	K1PGA	JS
					ALNAV/VNAV	ALNAV							JS

CITY AND STATE
ONTARIO, OR

ELEVATION: 2193 TDZE: 2193
AIRPORT NAME:
ONTARIO MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14, ORIG
31 JUL 2008

SUP: _____
AMDT: **NONE**
DATED: _____

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

SUSAP KONOK1FR14	R	021TEMAEK1EA0E S	031TF	14160032	V 0342003457	-300	A JS
SUSAP KONOK1FR14	R	030RW14 K1PGOGY M	031TF	14160038	02233	-300	A JS
SUSAP KONOK1FR14	R	040TUCUBK1EA0E M	010DF				A JS
SUSAP KONOK1FR14	R	050LUYIDK1EA0E	R010TFY	2409			A JS
SUSAP KONOK1FR14	R	060HOVELK1EA0EY	R010TFY	3417	+ 09000		A JS
SUSAP KONOK1FR14	R	070HOVELK1EA0EE	HR020HM	14540070	+ 09000		A JS

[illegible]

SUSAP KONOK1GRW14 0050111416 N44013273W117005938-0100 +0650602193000040100R

[illegible]

SUSAP KONOK1PR14	RW14	001	0000W14A0N440L327315W11700593835+065060300N4400097700W11700143200106751224000400F4005002363D3F1
SUSAP KONOK1PR14	RW14	002E	+06684+06684LPV 78207 000

[illegible]

SUSAP KONOK1SRW14 K1PG	0	18018007625	M

CITY AND STATE ONTARIO, OR	ELEVATION: 2193 TDZE: 2193 AIRPORT NAME: ONTARIO MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CEYTA	CEYTA	010	IAF	IF		FB				
	CEYTA	JIRBU	020		TF		FB	1.0	141.5(159T)	004.2	05500
	HOVEL	HOVEL	010		IF		FB				
	HOVEL	CEYTA	020	IAF	TF		FB	2.0	145.4(162T)	003.9	07400
	HOVEL	JIRBU	030		TF		FB	1.0	141.5(159T)	004.2	05500
	NEYGI	NEYGI	010		IF		FB				
	NEYGI	HOVEL	020		TF		FB	2.0	222.7(240T)	010.0	09000
	NEYGI	CEYTA	030	IAF	TF		FB	2.0	145.4(162T)	003.9	07400
	NEYGI	JIRBU	040		TF		FB	1.0	141.5(159T)	004.2	05500
	PIYID	PIYID	010		IF		FB				
	PIYID	HOVEL	020		TF		FB	2.0	042.4(059T)	010.0	09000
	PIYID	CEYTA	030	IAF	TF	R	FB	2.0	145.4(162T)	003.9	07400
	PIYID	JIRBU	040		TF		FB	1.0	141.5(159T)	004.2	05500
	JIRBU	JIRBU	010	FACF	IF		FB				05500
	KODGE	011	SDF	TF			FB	0.5	141.5(159T)	003.2	05000
	ZEMTI	020	FAF	TF			FB	0.5	141.5(159T)	003.2	04500
	TEMAE	021	SDF	TF			FB	0.3	141.6(159T)	003.2	03420
	RW14	030	MAP	TF			FO	0.3	141.6(159T)	003.8	02233

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	TUCUB	040		DF		FB	1.0			
	LUYID	050		TF	R	FB	1.0	240.9(258T)		
	HOVEL	060		TF	R	FO	1.0	341.7(359T)		09000
	HOVEL	070		HM	R	FO	2.0	145.4(162T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEYTA	N441748.99	W1170952.54	N4417.817	W11709.876
	HOVEL	N442132.65	W1171131.17	N4421.544	W11711.520
	JIRBU	N441354.58	W1170744.02	N4413.910	W11707.734
	KODGE	N441058.70	W1170607.81	N4410.978	W11706.130
	LUYID	N435339.91	W1171038.95	N4353.665	W11710.649
	NEYGI	N442635.62	W1165928.83	N4426.594	W11659.481
	PIYID	N441628.17	W1172331.21	N4416.470	W11723.520
	TEMAE	N440504.99	W1170254.85	N4405.083	W11702.914
	TUCUB	N435540.51	W1165748.28	N4355.675	W11657.805
	ZEMTI	N440802.79	W1170431.76	N4408.047	W11704.529
	RW14	N440132.73	W1170059.38	N4401.546	W11700.990

CITY AND STATE
ONTARIO, OR

ELEVATION: 2193 TDZE: 2193
AIRPORT NAME:
ONTARIO MUNI

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

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

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RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW14	02193	40

CITY AND STATE
ONTARIO, OR

ELEVATION: 2193 TDZE: 2193
AIRPORT NAME:
ONTARIO MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 14, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HOSTS	UKAYI (FB)	100.10 / 25.06	6100	LPV: DA LNAV/VNAV: DA LNAV: RW32
UKAYI (IAF)	OYABU (FB)	051.59 / 5.00	5000	
EMETT (IAF)	OYABU (FB)	228.87 / 12.97	5000	CLIMB TO 9000 DIRECT ZEMTI AND VIA 322.62 TRACK TO HOVEL AND HOLD, CONTINUE CLIMB-IN-HOLD TO 9000.
PARMO (IAF)	OYABU (FB)	298.99 / 5.52	5000	
OYABU (IF)	YENUR (FB)	321.66 / 6.00	4200	ADDITIONAL FLIGHT DATA: HOLD NW, RT, 145.43 INBOUND. CHART FAS OBST: 2260 ANTENNA 440033N/1170017W FAS OBST: 2499 AAO 435548N/1165645W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.67 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 87007 REFERENCE PATH ID: W32A

1. PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT OYABU
3. FAC: 321.62 FAF: YENUR DIST FAF TO MAP: 6.09 THLD: 6.09
4. MIN. ALT: OYABU 5000, YENUR 4200
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 4200 GS ALT AT: YENUR OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 7500

MAG VAR: 17E 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	2443	1	250	2443	1	250	2443	1	250	2443	1	250				
LNAV/VNAV DA	2510	1 1/4	317	2510	1 1/4	317	2510	1 1/4	317	2510	1 1/4	317				
LNAV MDA	2760	1	567	2760	1	567	2760	1 1/2	567	2760	1 3/4	567				
CIRCLING	2760	1	567	2760	1	567	2760	1 1/2	567	2760	2	567				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 44C (111F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

CITY AND STATE	ELEVATION: 2193 TDZE: 2193	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG	SUP:
ONTARIO, OR	AIRPORT NAME: ONTARIO MUNI		31 JUL 2008	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: BARO-VNAV AND VDP NA WHEN USING CALDWELL ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CALDWELL ALTIMETER SETTING AND INCREASE DA/MDA 100FT, AND INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, LNAV CAT C AND D AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

ONTARIO, OR

ELEVATION: 2193 TDZE: 2193

AIRPORT NAME:

ONTARIO MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 32, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KONO
RUNWAY RW32
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W32A
LTP/FTP LATITUDE 440046.6615N
LTP/FTP LONGITUDE 1170034.3535W
LTP/FTP ELLIPSOIDAL HEIGHT +06492
FPAP LATITUDE 440209.6100N
FPAP LONGITUDE 1170119.4400W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

50954DE1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +06670
FPAP ORTHOMETRIC HEIGHT +06670

CITY AND STATE ONTARIO, OR	ELEVATION: 2193 TDZE: 2193	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME: ONTARIO MUNI			AMDT: NONE
	DATED:			

CHECKED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KONOK1FR32	AEMETT	010EMETTK1EA0E	A	IF						18000		A JS	
SUSAP KONOK1FR32	AEMETT	020OYABUK1EA0EE		010TF		22890130		+ 05000				A JS	
SUSAP KONOK1FR32	AHOSTS	010HOSTSK1EA0E		IF						18000		A JS	
SUSAP KONOK1FR32	AHOSTS	020UKAYIK1EA0E	A	020TF		10010251		+ 06100				A JS	
SUSAP KONOK1FR32	AHOSTS	030OYABUK1EA0EE		010TF		05160050		+ 05000				A JS	
SUSAP KONOK1FR32	APARMO	010PARMOK1EA0E	A	IF						18000		A JS	
SUSAP KONOK1FR32	APARMO	020OYABUK1EA0EE		010TF		29900055		+ 05000				A JS	
SUSAP KONOK1FR32	R	010OYABUK1EA0E	I	IF				+ 05000		18000		A JS	
SUSAP KONOK1FR32	R	020YENURK1EA1E	F	010TF		32170060		+ 04200			RW32	K1PGA JS	
SUSAP KONOK1FR32	R	020YENURK1EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KONOK1FR32	R	030RW32 K1PG0GY	M	031TF		32160061		02228		-300		A JS	
SUSAP KONOK1FR32	R	040ZEMTIK1EA0E	M	010DF								A JS	
SUSAP KONOK1FR32	R	050HOVELK1EA0EY		010TF		3226		+ 09000				A JS	
SUSAP KONOK1FR32	R	060HOVELK1EA0EE		HR020HM		14540070		+ 09000				A JS	

[illegible]

CITY AND STATE ONTARIO, OR	ELEVATION: 2193 TDZE: 2193	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG 31 JUL 2008	SUP:
	AIRPORT NAME: ONTARIO MUNI			AMDT: NONE
	DATED:			

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

[illegible]

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	EMETT	EMETT	010	IAF	IF		FB				
	EMETT	OYABU	020		TF		FB	1.0	228.9 (246T)	013.0	05000
	HOSTS	HOSTS	010		IF		FB				
	HOSTS	UKAYI	020	IAF	TF		FB	2.0	100.1 (117T)	025.1	06100
	HOSTS	OYABU	030		TF		FB	1.0	051.6 (069T)	005.0	05000
	PARMO	PARMO	010	IAF	IF		FB				
	PARMO	OYABU	020		TF		FB	1.0	299.0 (316T)	005.5	05000
		OYABU	010	FACF	IF		FB				05000
		YENUR	020	FAF	TF		FB	1.0	321.7 (339T)	006.0	04200
		RW32	030	MAP	TF		FO	0.3	321.6 (339T)	006.1	02228

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ZEMTI	040		DF		FB	1.0			
	HOVEL	050		TF		FO	1.0	322.6 (340T)		09000
	HOVEL	060		HM	R	FO	2.0	145.4 (162T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EMETT	N435450.49	W1163807.41	N4354.842	W11638.124
	HOSTS	N435910.97	W1173142.48	N4359.183	W11731.708
	HOVEL	N442132.65	W1171131.17	N4421.544	W11711.520
	OYABU	N434931.10	W1165428.56	N4349.518	W11654.476
	PARMO	N434532.78	W1164910.43	N4345.546	W11649.174
	UKAYI	N434741.74	W1170054.37	N4347.696	W11700.906
	YENUR	N435506.52	W1165729.86	N4355.109	W11657.498
	ZEMTI	N440802.79	W1170431.76	N4408.047	W11704.529
	RW32	N440045.66	W1170034.35	N4400.778	W11700.573

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW32	02188	40

CITY AND STATE
 ONTARIO, OR

ELEVATION: 2193 TDZE: 2193
 AIRPORT NAME:
 ONTARIO MUNI

FACILITY
 IDENTIFIER:
 RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 32, ORIG
 31 JUL 2008

SUP:
 AMDT: NONE
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
BOYER (IAF)	HEDED (FB)	169.16 / 4.98	3000	LNAV: RW26 CLIMB TO 3000 DIRECT FANRU AND RIGHT TURN VIA 354.52 TRACK TO KUPPS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, LT, 168.00 INBOUND. CHART FAS OBST: 710 ELEVATOR 400859N/0761506W CHART VDP AT 1.88 MILES TO RW26. FERKO TO RW26: 3.06/47.
TRAGG (IAF)	HEDED (FB)	329.67 / 7.98	3000	
HEDED (IF)	FERKO (FB)	257.14 / 6.03	2200	

- PT NA SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HEDED
- FAC: 257.06 FAF: FERKO DIST FAF TO MAP: 5.48 THLD: 5.48
- MIN. ALT: HEDED 3000, FERKO 2200, HATBU/2.90 NM TO RW26 1340
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS CLEAR
- MSA FROM: RW26 3000

MAG VAR: 9W

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N A			STANDARD @						
CATEGORY =====>		A			B			C			D			E		
		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		1020	1	633	1020	1	633	1020	1 3/4	633	1020	2	633			
CIRCLING		1020	1	617	1020	1	617	1020	1 3/4	617	1080	2 1/4	677			

NOTES:

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOYER VIA V12 WESTBOUND AND V170 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TRAGG VIA V210 EASTBOUND.

SEE 8260-10

@ CAT D 800-2 1/4

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE LANCASTER, PA	ELEVATION: 403 TDZE: 387 AIRPORT NAME: LANCASTER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 07/05/2007

QUALITY
CHECKED

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

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NOTES CONT.

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

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

CITY AND STATE

LANCASTER, PA

ELEVATION: 403

TDZE: 387

AIRPORT NAME:

LANCASTER

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 07/05/2007

CHECKED

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KLNSK6FR26	ABOYER	010BOYERK6EA0E	A	IF						18000		B JS	
SUSAP KLNSK6FR26	ABOYER	020HEDEDR6EA0EE		010TF		16920050		+ 03000				B JS	
SUSAP KLNSK6FR26	ATRAGG	010TRAGGK6EA0E	A	IF						18000		B JS	
SUSAP KLNSK6FR26	ATRAGG	020HEDEDR6EA0EE		010TF		32970080		+ 03000				B JS	
SUSAP KLNSK6FR26	R	010HEDEDR6EA0E	I	IF				+ 03000		18000		B JS	
SUSAP KLNSK6FR26	R	020FERKOR6EA1E	F	051TF		25710060		+ 02200			RW26	K6PGB JS	
SUSAP KLNSK6FR26	R	020FERKOK6EA2WN			N	ALNAV						JS	
SUSAP KLNSK6FR26	R	021HATBUR6EA0E	S	031TF		25710026		V 0134001353		-306		B JS	
SUSAP KLNSK6FR26	R	030RW26 K6PGOGY	M	031TF		25710029		00422		-306		B JS	
SUSAP KLNSK6FR26	R	040FANRUR6EA0E	M	DF								B JS	
SUSAP KLNSK6FR26	R	050KUPPSK6EA0EY	R	TFY		3545		+ 03000				B JS	
SUSAP KLNSK6FR26	R	060KUPPSK6EA0EE	HL020HM			16800040		+ 03000				B JS	

[illegible][illegible]

CITY AND STATE LANCASTER, PA	ELEVATION: 403 TDZE: 387 AIRPORT NAME: LANCASTER	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 07/05/2007

4
CHECKED

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

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SUSAP KLNSK6SRW26 K6PG

0 18018003025

M

CITY AND STATE

LANCASTER, PA

ELEVATION: 403 TDZE: 387

AIRPORT NAME:

LANCASTER

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 07/05/2008

CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BOYER	BOYER	010	IAF	IF		FB				
	BOYER	HEDED	020		TF		FB	1.0	169.2 (160T)	005.0	03000
	TRAGG	TRAGG	010	IAF	IF		FB				
	TRAGG	HEDED	020		TF		FB	1.0	329.7 (321T)	008.0	03000
		HEDED	010	FACF	IF		FB				03000
		FERKO	020	FAF	TF		FB	0.5	257.1 (248T)	006.0	02200
		HATBU	021	SDF	TF		FB	0.3	257.1 (248T)	002.6	01340
		RW26	030	MAP	TF		FO	0.3	257.1 (248T)	002.9	00422

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FANRU	040		DF		FB				
	KUPPS	050		TF	R	FO		354.5 (346T)		03000
	KUPPS	060		HM	L	FO	2.0	168.0 (159T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BOYER	N401636.84	W0760509.38	N4016.614	W07605.156
	FANRU	N400539.04	W0762312.59	N4005.651	W07623.210
	FERKO	N400940.25	W0761015.21	N4009.671	W07610.254
	HATBU	N400842.43	W0761322.15	N4008.707	W07613.369
	HEDED	N401155.39	W0760256.99	N4011.923	W07602.950
	KUPPS	N401714.32	W0762707.01	N4017.239	W07627.117
	TRAGG	N400544.75	W0755620.79	N4005.746	W07556.347
	RW26	N400737.22	W0761652.51	N4007.620	W07616.875

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW26	00375	47

CITY AND STATE
LANCASTER, PA

ELEVATION: 403 TDZE: 387
 AIRPORT NAME:
 LANCASTER

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 26, AMDT 1
 31 JUL 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2008

CHANGED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: COYAC/0.62 DME FIX							
DETTE/13.52 DME (IF/AF)		AVOCI/6.20 DME		247.37 / 7.32 (LRP R-067)				2200		CLIMBING RIGHT TURN TO 3000 VIA LRP VORTAC R-333 TO KUPPS INT/LRP 12.46 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 152.70 INBOUND. CHART FAS OBST: 710 ELEVATOR 400859N/0761506W CHART 1041 TOWER 401025N/0760948W. CHART TDZE: 387 FAC CROSSES RWY C/L EXTENDED 4267 FROM THLD. AVOCI TO RW26: 3.00/47							
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT DETTE/13.52 DME 3. FAC <u>247.37</u> FAF <u>AVOCI/6.20 DME</u> DIST FAF TO MAP <u> </u> THLD <u>5.59</u> 4. MIN. ALT <u>DETTE 3000, AVOCI 2200, CETEL/3.30 DME 1260</u> 8. MSA FROM: LRP VORTAC 040-240 2600, 240-040 3000														MAG VAR: 9W		EPOCH YEAR: 1975	
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-26		1020	1	633	1020	1	633	1020	1 3/4	633	1020	2	633				
CIRCLING		1020	1	617	1020	1	617	1020	1 3/4	617	1080	2 1/4	677				
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARRISBURG INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND S-26 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DETTE VIA V457 NORTHEASTBOUND.																	
CITY AND STATE LANCASTER, PA		ELEVATION: 403 AIRPORT NAME: LANCASTER		TDZE: 387 FACILITY IDENTIFIER: LRP		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME RWY 26, AMDT 10 31 JUL 2008						SUP					
												AMDT 9					
												DATE 06/10/2004					

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 26, NA - OBSTACLES.

RWY 27L, 27R, STANDARD.

RWY 8, STANDARD WITH MINIMUM CLIMB OF 320 FT PER NM TO 900.

RWY 9L, STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM TO 500.

RWY 9R, STANDARD WITH MINIMUM CLIMB OF 310 FT PER NM TO 500.

(CONTINUED)

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, FENCE 163' FROM DER, 250' RIGHT OF CENTERLINE, 4' AGL/41' MSL.

NOTE: RWY 9L, TREE 593' FROM DER, 633' LEFT OF CENTERLINE, 12' AGL/26' MSL.

NOTE: RWY 9R, MULTIPLE TOWERS BEGINNING 2592' FROM DER, 1044' RIGHT OF CENTERLINE, UP TO 140' AGL/145' MSL.

NOTE: RWY 17, MULTIPLE TREES BEGINNING 1115' FROM DER, 286' LEFT OF CENTERLINE, UP TO 56' AGL/65' MSL. ROD ON TOWER 1617' FROM DER, 847' RIGHT OF CENTERLINE, 68' AGL/77' MSL. SHIP IN CHANNEL 3500' FROM DER, 86' LEFT OF CENTERLINE, 188' AGL/188' MSL.

NOTE: RWY 27L, MULTIPLE TREES BEGINNING 256' FROM DER, 282' RIGHT OF CENTERLINE, UP TO 40' AGL/49' MSL. (CONTINUED)

(4) CONTROLLING OBSTACLES:

RWY 8: 220 MSL CRANE 395305.87N/0751128.42W. 1004 MSL BUILDING 395709.00N/0751006.00W.

RWY 9R: 188 MSL SHIP IN CHANNEL 395200.00N/0751319.00W. 1004 MSL BUILDING 395709.00N/0751006.00W.

RWY 9L: 188 MSL SHIP IN CHANNEL 395225.75N/0751233.75W. 1004 MSL BUILDING 395709.00N/0751006.00W.

RWY 17: 188 MSL SHIP IN CHANNEL 395147.30N/0751324.90W.

RWY 35: 1004 MSL BLDG 395709.00N/0751006.00W.

(5) City, State PHILADELPHIA, PA	(6) Airport PHILADELPHIA INTL	(7) Effective Date 31 JUL 2008	(8) Amdt. No. 8

QUALITY
5
CHECKED

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

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

(1) TAKEOFF MINIMUMS: (CONTINUED)

RWY 17, 200-1 OR STANDARD WITH MINIMUM CLIMB OF 410 FT PER NM TO 300.
RWY 35, STANDARD WITH MINIMUM CLIMB OF 264 FT PER NM TO 1400.

(3) TAKEOFF OBSTACLE NOTES: (CONTINUED)

NOTE: RWY 35, SIGN AND MULTIPLE LIGHT POLES AND TREES BEGINNING 1232' FROM DER, 205' LEFT OF CENTERLINE, UP TO 114' AGL/128' MSL. MULTIPLE SIGNS AND LIGHT
POLES BEGINNING 1709' FROM DER, 644' RIGHT OF CENTERLINE, UP TO 69' AGL/83' MSL.

City, State PHILADELPHIA, PA	Airport PHILADELPHIA INTL	Effective Date 31 JUL 2008	Amdt. No. 8		
DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

Checked

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
EWC VORTAC	KERRS (FO)	159.53 / 22.55	4000	LPV: DA LNAV/VNAV: DA LNAV: RW28R CLIMB TO 4000 DIRECT KANVE AND RIGHT TURN VIA 030.52 TRACK TO EWC VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 182.00 INBOUND. CHART FAS OBST: 1356 ANT ON BLDG 403038N/0801331W CHART FAS OBST: 1390 ROD ON OL ATCT 402941N/0801416W DISTANCE TO THLD FROM 279 HAT: 0.70 NM. CHART VDP AT 1.24 MILES TO RW28R* *LNAV ONLY. WAAS CHANNEL # 40027 REFERENCE PATH ID: W28D CHART APT ELEV 1203, TDZ ELEV 1174.								
GRACE	NASTY (FB)	200.69 / 22.40	4000									
NESTO	NASTY (FB)	341.54 / 19.97	4000									
NASTY (IAF)	KERRS (NOPT) (FB)	280.17 / 3.14	4000									
KERRS (IF/IAF)	ZAICO (FB)	280.12 / 6.29	3000									
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD E KERRS, RT, 280.12 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: 280.04 FAF: ZAICO DIST FAF TO MAP: <u>5.47</u> THLD: <u>5.47</u> 4. MIN. ALT: KERRS 4000, ZAICO 3000 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: ZAICO OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>57.4</u> 34:1 IS CLEAR 8. MSA FROM: RW28R 3100				MAG VAR: 8W EPOCH YEAR: 1995								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1453	2400	279	1453	2400	279	1453	2400	279	1453	2400	279
LNAV/VNAV DA	1710	6000	536	1710	6000	536	1710	6000	536	1710	6000	536
LNAV MDA	1640	2400	466	1640	2400	466	1640	4000	466	1640	5000	466
CIRCLING	1700	1	497	1700	1	497	1700	1 1/2	497	1760	2	557
NOTES: CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWC VORTAC VIA V37 NORTHBOUND. CHART PROFILE NOTE: VGSLAND RNAV GLIDEPATH NOT COINCIDENT.												
CITY AND STATE		ELEVATION: 1203 TDZE: 1174		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
PITTSBURGH, PA		AIRPORT NAME: PITTSBURGH INTERNATIONAL				RNAV (GPS) RWY 28R, AMDT 4			AMDT: 3			
						31 JUL 2008			DATED 03/15/2007			

CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPIT
RUNWAY RW28R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR W28D
REFERENCE PATH IDENTIFIER (APPROACH ID) 403004.8660N
LTP/FTP LATITUDE 0801400.4045W
LTP/FTP LONGITUDE +03239
LTP/FTP ELLIPSOIDAL HEIGHT 403008.4500N
FPAP LATITUDE 0801618.3900W
FPAP LONGITUDE 00057.4
THRESHOLD CROSSING HEIGHT (TCH) F
TCH UNITS SELECTOR (METERS OR FEET USED) 03.00
GLIDEPATH ANGLE (GPA) 106.75
COURSE WIDTH AT THRESHOLD 0048
LENGTH OFFSET 40.0
HORIZONTAL ALERT LIMIT (HAL) 50.0
VERTICAL ALERT LIMIT (VAL)

CRC REMAINDER

C6766F85

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +03579
FPAP ORTHOMETRIC HEIGHT +03579

CITY AND STATE

PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1174

AIRPORT NAME:

PITTSBURGH INTERNATIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 28R, AMDT 4

31 JUL 2008

SUP:

AMDT: 3

DATED: 03/15/2007

CHECKED

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

[illegible]

CITY AND STATE PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1174	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28R, AMDT 4 31 JUL 2008	SUP:
	AIRPORT NAME:			AMDT: 3
	PITTSBURGH INTERNATIONAL			DATED: 03/15/2007

4
CHECKED

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CITY AND STATE PITTSBURGH, PA	ELEVATION: 1203 TDZE: 1174 AIRPORT NAME: PITTSBURGH INTERNATIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 28R, AMDT 4 31 JUL 2008	SUP:
				AMDT: 3
				DATED: 03/15/2007

CHECKED

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EWC	EWC	010		IF		FB				
	EWC	KERRS	020		TF		FO	2.0	159.5(152T)	022.6	04000
	EWC	KERRS	030		HF	R	FO		280.1(272T)	004.0	04000
	GRACE	GRACE	010		IF		FB				
	GRACE	NASTY	020	IAF	TF		FB	2.0	200.7(193T)	022.4	04000
	GRACE	KERRS	030		TF		FB	1.0	280.2(272T)	003.1	04000
	NESTO	NESTO	010		IF		FB				
	NESTO	NASTY	020	IAF	TF		FB	2.0	341.5(334T)	020.0	04000
	NESTO	KERRS	030		TF		FB	1.0	280.2(272T)	003.1	04000
		KERRS	010	FACF	IF		FB				04000
		ZAICO	020	FAF	TF		FB	0.5	280.1(272T)	006.3	03000
		RW28R	030	MAP	TF		FO	0.3	280.0(272T)	005.5	01231

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	KANVE	040		DF		FB	1.0			
	EWC	050		TF	R	FO	1.0	030.5(023T)		04000
	EWC	060		HM	R	FO	2.0	182.0(174T)	T01.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWC	N404930.73	W0801241.62	N4049.512	W08012.694
	GRACE	N405124.66	W0794802.12	N4051.411	W07948.035
	KANVE	N403018.88	W0802310.69	N4030.315	W08023.178
	KERRS	N402939.74	W0795836.22	N4029.662	W07958.604
	NASTY	N402932.67	W0795429.13	N4029.545	W07954.486
	NESTO	N401140.05	W0794249.49	N4011.668	W07942.825
	ZAICO	N402953.42	W0800650.44	N4029.890	W08006.841
	RW28R	N403004.87	W0801400.40	N4030.081	W08014.007

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW28R	01174		57

CITY AND STATE
PITTSBURGH, PA

ELEVATION: 1203 TDZE: 1174
 AIRPORT NAME:
PITTSBURGH INTERNATIONAL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 28R, AMDT 4
31 JUL 2008

SUP:
 AMDT: **3**
 DATED: **03/15/2007**

4
 CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PTW VORTAC	RUSDE (FB)	053.49 / 9.41	3000	LNAV: RW26 CLIMBING RIGHT TURN TO 3000 DIRECT RUSDE AND HOLD. ADDITIONAL FLIGHT DATA: FAS OBST: 759 AAO 401643N/0753816W NUGAE TO RW26: 3.05/30. CHART POTTSTOWN LIMERICK ASOS, 119.425
SPUDS (IAF)	RUSDE (NOPT) (FB)	188.65 / 6.70	3000	
ZUVIV (IAF)	RUSDE (NOPT) (FB)	255.39 / 6.30	3000	
RUSDE (IF/IAF)	NUGAE (FB)	259.28 / 6.10	2200	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E RUSDE, RT, 259.28 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 259.20 FAF: NUGAE DIST FAF TO MAP: 5.95 THLD: 5.95
- MIN. ALT: RUSDE 3000, NUGAE 2200
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW26 2900

MAG VAR: 12W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X											
CATEGORY ==>	A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LNAV MDA	1040	1	784	1040	1 1/4	784	1040	2 1/4	784		NA					
CIRCLING	1040	1	784	1040	1 1/4	784	1080	2 1/2	824		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: USE POTTSTOWN LIMERICK ALTIMETER SETTING; WHEN NOT RECEIVED, USE READING ALTIMETER
 SETTING AND INCREASE ALL MDA 40 FEET AND LNAV CAT C VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 256 TDZE: 256	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 26, ORIG 31 JUL 2008	SUP: AMDT: NONE DATED
POTTSTOWN, PA	AIRPORT NAME: POTTSTOWN MUNI			



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[illegible]

SUP:
AMDT: NONE
DATED:

QUALITY
2
CHECKED

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

[illegible]

SUP: _____
AMDT: **NONE** *QUAL*
DATED: *Q* 2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PTW	PTW	010		IF		FB				
	PTW	RUSDE	020		TF		FB	2.0	053.5 (042T)	009.4	03000
	PTW	RUSDE	030		HF	R	FO		259.3 (247T)	004.0	03000
	SPUDS	SPUDS	010	IAF	IF		FB				
	SPUDS	RUSDE	020		TF		FB	1.0	188.7 (177T)	006.7	03000
	ZUVIV	ZUVIV	010	IAF	IF		FB				
	ZUVIV	RUSDE	020		TF		FB	1.0	255.4 (243T)	006.3	03000
		RUSDE	010	FACF	IF		FB				03000
		NUGAE	020	FAF	TF		FB	0.5	259.3 (247T)	006.1	02200
		RW26	030	MAP	TF		FO	0.3	259.2 (247T)	006.0	00274

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	RUSDE	040		DF	R	FO	1.0			03000
	RUSDE	050		HM	R	FO	2.0	259.3 (247T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PTW	N401320.16	W0753336.96	N4013.336	W07533.616
	NUGAE	N401801.34	W0753249.12	N4018.022	W07532.819
	RUSDE	N402023.07	W0752527.85	N4020.385	W07525.464
	SPUDS	N402704.91	W0752558.56	N4027.082	W07525.976
	ZUVIV	N402312.68	W0751805.98	N4023.211	W07518.100
	RW26	N401542.67	W0753958.98	N4015.711	W07539.983

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW26	00244		30

CITY AND STATE

POTTSTOWN, PA

ELEVATION: 256 TDZE: 256

AIRPORT NAME:

POTTSTOWN MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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

TERMINAL ROUTES

MISSED APPROACH

FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: 5.42 MILES AFTER PTW VORTAC OR AT MAJEH/PTW 5.42 DME FIX
				CLIMBING LEFT TURN TO 2100 DIRECT PTW VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 769 COOL TWR 401336N/0753514W FAS OBST: 699 AAO 401636N/0753902W FAC CROSSES MID POINT OF RWY 8/26. CHART POTTSTOWN LIMERICK ASOS, 119.425

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SE PTW VORTAC, RT, 303.27 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC 303.27 FAF PTW VORTAC DIST FAF TO MAP 5.42 THLD
4. MIN. ALT PTW VORTAC 2100, HYDRA/PTW 3.60 DME 1100*
8. MSA FROM: PTW VORTAC 150-240 2200, 240-150 2900

MAG VAR: 9W

EPOCH YEAR: 1965

MINIMUMS

TAKEOFF: ☐	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A ☒												
CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1100	1	844	1100	1 1/4	844	1100	2 1/2	844		NA				

HYDRA FIX MINIMUMS

CIRCLING	1020	1	764	1020	1 1/4	764	1080	2 1/4	824		NA				

NOTES:

CHART NOTE: USE POTTSTOWN LIMERICK ALTIMETER SETTING, WHEN NOT RECEIVED, USE READING ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND ALL VISIBILITIES 1/4 MILE.
* 1140 WHEN USING READING ALTIMETER SETTING.

CITY AND STATE POTTSTOWN, PA	ELEVATION: 256 TDZE: AIRPORT NAME: POTTSTOWN MUNI	FACILITY IDENTIFIER: PTW	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR-B, AMDT 5 31 JUL 2008	SUP VOR OR GPS-B AMDT 4A DATE 10/03/2002

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
CUBBY	OTVOE (FO)	060.09 / 31.00	2100	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2100 DIRECT JUKLI AND VIA 317.40 TRACK TO TUCUK AND VIA 047.40 TRACK TO WEDBI AND VIA 137.52 TRACK TO OTVOE AND HOLD.
PLANN (IAF)	OTVOE (NOPT) (FB)	218.56 / 7.25	2100	
OTVOE (IF/IAF)	LEYIV (FB)	227.48 / 6.17	1600	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 183 TANK 331912N/0791829W DISTANCE TO THLD FROM 320 HAT: 0.89 NM. WAAS CHANNEL # 58108 REFERENCE PATH ID: W23A

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE OTVOE, RT, 227.48 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
- FAC: 227.43 FAF: LEYIV DIST FAF TO MAP: 4.73 THLD: 4.73
- MIN. ALT: OTVOE 2100, LEYIV 1600, OSIYO/2.10 NM TO RW23 740*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1600 GS ALT AT: LEYIV 1600 OM: MM: IM:
- GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
- MSA FROM: RW23 2100

MAG VAR: 6W

EPOCH YEAR: 1985

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT			ALTERNATE: N/A			X						
CATEGORY ==>		A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	357	1 1/4	320	357	1 1/4	320	357	1 1/4	320	357	1 1/4	320				
LNAV/VNAV DA	507	1 3/4	470	507	1 3/4	470	507	1 3/4	470	507	1 3/4	470				
LNAV MDA	440	1	403	440	1	403	440	1 1/4	403	440	1 1/4	403				
CIRCLING	520	1	481	520	1	431	520	1 1/2	481	800	2 1/2	761				

NOTES:

CHART NOTE: BARO-VNAV NA WHEN USING MYRTLE BEACH INTL 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.

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

SEE 8260-10

CITY AND STATE	ELEVATION: 39 TDZE: 37	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GEORGETOWN, SC	AIRPORT NAME: GEORGETOWN COUNTY		RNAV (GPS) RWY 23, ORIG	AMDT: NONE
			31 JUL 2008	DATED

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

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NOTES CONT.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

*LNAV ONLY

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

CITY AND STATE

GEORGETOWN, SC

ELEVATION: 39

TDZE: 37

AIRPORT NAME:

GEORGETOWN COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 23, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGGE
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	331911.6730N
LTP/FTP LONGITUDE	0791855.5260W
LTP/FTP ELLIPSOIDAL HEIGHT	-00242
FPAP LATITUDE	331804.7000N
FPAP LONGITUDE	0792005.8300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER E63A72F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00102
FPAP ORTHOMETRIC HEIGHT	+00102

CITY AND STATE
GEORGETOWN, SC

ELEVATION: 39 TDZE: 37
AIRPORT NAME:
GEORGETOWN COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

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

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGGEK7FR23	ACUBBY	010CUBBYK7EA0E	IF						18000		A JS	
SUSAP	KGGEK7FR23	ACUBBY	020OTVOEK7EA0EY	020TF		06010310		+ 02100				A JS	
SUSAP	KGGEK7FR23	ACUBBY	030OTVOEK7EA0EB	CR HF		22750040		+ 02100				A JS	
SUSAP	KGGEK7FR23	APLANN	010PLANNK7EA0E	A IF						18000		A JS	
SUSAP	KGGEK7FR23	APLANN	020OTVOEK7EA0EE	010TF		21860073		+ 02100				A JS	
SUSAP	KGGEK7FR23	R	010OTVOEK7EA0E	I IF				+ 02100		18000		A JS	
SUSAP	KGGEK7FR23	R	020LEYIVK7EA1E	F 051TF		22750062		+ 01600			RW23	K7PGA JS	
SUSAP	KGGEK7FR23	R	020LEYIVK7EA2WALPV		ALNAV/VNAV	ALNAV						JS	
SUSAP	KGGEK7FR23	R	021OSIYOK7EA0E	S 031TF		22740026		V 0074000747		-300		A JS	
SUSAP	KGGEK7FR23	R	030RW23	K7PG0GY M 031TF		22740021		00073		-300		A JS	
SUSAP	KGGEK7FR23	R	040JUKLIK7EA0E	M 010DF								A JS	
SUSAP	KGGEK7FR23	R	050TUCUKK7EA0E	R010TFY		3174						A JS	
SUSAP	KGGEK7FR23	R	060WEDBIK7EA0E	010TF		0474						A JS	
SUSAP	KGGEK7FR23	R	070OTVOEK7EA0EY	010TF		1375		+ 02100				A JS	
SUSAP	KGGEK7FR23	R	080OTVOEK7EA0EE	HR020HM		22750040		+ 02100				A JS	

[illegible]

CITY AND STATE GEORGETOWN, SC	ELEVATION: 39 TDZE: 37 AIRPORT NAME: GEORGETOWN COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

QUALITY
CHECKED

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SUSAP KGGEK7GRW23 0050002274 N33191167W079185553+0100 -0024200033000040100R

[illegible]

SUSAP	KGGEK7PR23	RW23	001	0000W23A0N3319116730W07918555260-002420300N3318047000W07920058300106751224000400F400500E63A72F2
SUSAP	KGGEK7PR23	RW23	002E	+00102+00102LPV 58108 000

[illegible]

SUSAP KGGEK7SRW23 K7PG	0	18018002125	M

SUP:	
AMDT:	NONE
DATED:	

QUALITY
2
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CUBBY	CUBBY	010		IF		FB				
	CUBBY	OTVOE	020		TF		FO	2.0	060.1(054T)	031.0	02100
	CUBBY	OTVOE	030		HF	R	FO		227.5(222T)	004.0	02100
	PLANN	PLANN	010	IAF	IF		FB				
	PLANN	OTVOE	020		TF		FB	1.0	218.6(213T)	007.3	02100
		OTVOE	010	FACF	IF		FB				02100
		LEYIV	020	FAF	TF		FB	0.5	227.5(222T)	006.2	01600
		OSIYO	021	SDF	TF		FB	0.3	227.4(221T)	002.6	00740
		RW23	030	MAP	TF		FO	0.3	227.4(221T)	002.1	00073

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUKLI	040		DF		FB	1.0			
	TUCUK	050		TF		FB	1.0	317.4(311T)		
	WEDBI	060		TF		FB	1.0	047.4(041T)		
	OTVOE	070		TF		FO	1.0	137.5(132T)		02100
	OTVOE	080		HM	R	FO	2.0	227.5(222T)	004.0	02100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CUBBY	N330913.65	W0794019.27	N3309.228	W07940.321
	JUKLI	N331445.09	W0792335.14	N3314.752	W07923.586
	LEYIV	N332244.97	W0791511.33	N3322.750	W07915.189
	OSIYO	N332046.35	W0791716.06	N3320.773	W07917.268
	OTVOE	N332722.86	W0791018.60	N3327.381	W07910.310
	PLANN	N333330.41	W0790538.64	N3333.507	W07905.644
	TUCUK	N332026.74	W0793117.15	N3320.446	W07931.286
	WEDBI	N333304.47	W0791758.57	N3333.075	W07917.976
	RW23	N331911.67	W0791855.53	N3319.195	W07918.926

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW23	00033		40

CITY AND STATE
GEORGETOWN, SC

ELEVATION: 39 TDZE: 37
 AIRPORT NAME:
GEORGETOWN COUNTY

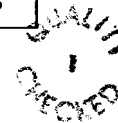
FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, ORIG
31 JUL 2008

SUP:
 AMDT: **NONE**
 DATED:

QUALITY
 2
 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: BGF NDB											
RQZ VORTAC		BGF NDB		048.56 / 36.03				4000		CLIMBING RIGHT TURN TO 3500 VIA 260 BEARING FROM BGF NDB TO UPECE INT THEN RIGHT TURN VIA 100 COURSE TO BGF NDB AND HOLD.											
SYI VOR/DME		BGF NDB		142.54 / 29.33				4000													
										ADDITIONAL FLIGHT DATA: HOLD N, RT, 191.17 INBOUND. CHART FAS OBST: 1329 TREE 351519N/0860230W FAC CROSSES RWY C/L EXTENDED 3002 FROM THLD.											
1. PT <u> L </u> SIDE OF COURSE <u> 011.17 </u> OUTBOUND <u> 3000 </u> FT WITHIN <u> 10 </u> MILES OF <u> BGF NDB </u> (IAF)																					
2.																					
3. FAC <u> 191.17 </u> FAF _____ DIST FAF TO MAP _____ THLD _____																					
4. MIN. ALT _____																					
8. MSA FROM: <u> BGF NDB 3600 </u>										MAG VAR: 3W EPOCH YEAR: 2010											
MINIMUMS																					
TAKEOFF:		STANDARD		☒ X		SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		☒ X					
CATEGORY =====>		A			B			C			D			E							
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA			
S-18	1680	1	709	1680	1	709	1680	2	709	1680	2 1/4	709									
CIRCLING	1680	1	701	1680	1	701	1680	2	701	1780	2 1/2	801									
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATTANOOGA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET. INCREASE S-18 AND CIRCLING VISIBILITY 1/4 MILE CAT B, 1/2 MILE CAT C AND D.																					
CITY AND STATE				ELEVATION: 979 TDZE: 971				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP NDB OR GPS RWY					
WINCHESTER, TN				AIRPORT NAME:				BGF				NDB RWY 18, AMDT 6				18					
				WINCHESTER MUNI								31 JUL 2008				AMDT 5					
																DATE 06/22/1995					



RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW36 CLIMB TO 4000 DIRECT ZEDUX AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 184.71 INBOUND. CHART FAS OBST: 1359 TREE 350826N/0860512W CHART FAS OBST: 1839 TREE 350545N/0860409W CHART: 1899 TREE 350531N/0860409W. CHART: 1979 TREE 350702N/0860205W. DISTANCE TO THLD FROM 361 HAT: 0.85 NM. WAAS CHANNEL # 99707 REFERENCE PATH ID: W36A											
JOGUV (IAF)	YOKUS (NOPT) (FB)	274.77 / 6.00	4000												
SOGOC (IAF)	YOKUS (NOPT) (FB)	094.63 / 6.00	4000												
YOKUS (IF)	WETSO (FB)	004.70 / 6.75	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD S YOKUS, RT, 004.70 INBOUND, 4000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>004.71</u> FAF: <u>WETSO</u> DIST FAF TO MAP: <u>5.25</u> THLD: <u>5.25</u> 4. MIN. ALT: <u>YOKUS 4000, WETSO 3000, ZORIG/2.90 NM TO RW36 2100*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>WETSO 3000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.50</u> TCH: <u>51.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 3W EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY >>>>>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1340	1	361	1340	1	361	1340	1	361		NA				
LNAV/VNAV DA	1367	1 1/4	388	1367	1 1/4	388	1367	1 1/4	388		NA				
LNAV MDA	1540	1	561	1540	1	561	1540	1 1/2	561		NA				
CIRCLING	1540	1	561	1540	1	561	1540	1 1/2	561		NA				
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 46C (114F). CHART NOTE: GPS OR RNP-0.3 REQUIRED. DME/DME RNP-0.3 NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. *LNAV ONLY SEE 8260-10															
CITY AND STATE		ELEVATION: 979 TDZE: 979		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:							
WINCHESTER, TN		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 36, ORIG		AMDT: NONE							
		WINCHESTER MUNI				31 JUL 2008		DATED							

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

CHART NOTE: BARO-VNAV AND LNAV NA WHEN USING CHATTANOOGA ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATTANOOGA ALTIMETER SETTING AND INCREASE LPV DA TO 1503, LNAV/VNAV DA TO 1530 AND ALL MDA 160 FEET. INCREASE LPV AND LNAV/VNAV VISIBILITY 1/2 MILE ALL CATS. INCREASE CIRCLING VISIBILITY 1/2 MILE CAT C.

TAA

	FROM	TO	ALT
1.	275/30 CW 095/30 (NOPT)	275/15 CW 095/15	5000
2.	275/15 CW 095/15	YOKUS (IF/IAF)	4000
3.	095/30 CW 185/30	SOGOC (IAF)	5000
4.	185/30 CW 275/30	JOGUV (IAF)	5000

CITY AND STATE

WINCHESTER, TN

ELEVATION: 979 TDZE: 979

AIRPORT NAME:

WINCHESTER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBGF
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	351014.3950N
LTP/FTP LONGITUDE	0860359.1010W
LTP/FTP ELLIPSOIDAL HEIGHT	+02683
FPAP LATITUDE	351143.6000N
FPAP LONGITUDE	0860355.8600W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 073BA965

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02971
FPAP ORTHOMETRIC HEIGHT	+02971

CITY AND STATE
WINCHESTER, TN

ELEVATION: 979 TDZE: 979
AIRPORT NAME:
WINCHESTER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
31 JUL 2008

SUP:	
AMDT:	NONE
DATED:	

08/01/17
CHECKED

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KBGFK7FR36	AJOGUV	010JOGUVK7EAGE	A	IF					18000			A JS	
SUSAP KBGFK7FR36	AJOGUV	020YOKUSK7EAGEE	010TF			27480060		+ 04000				A JS	
SUSAP KBGFK7FR36	ASOGOC	010SOGOCK7EAGE	A	IF					18000			A JS	
SUSAP KBGFK7FR36	ASOGOC	020YOKUSK7EAGEE	010TF			09460060		+ 04000				A JS	
SUSAP KBGFK7FR36	AYOKUS	010YOKUSK7EAGEE	CR	HF		00470050		+ 04000	18000			A JS	
SUSAP KBGFK7FR36	R	010YOKUSK7EAGE	I	IF				+ 04000	18000			A JS	
SUSAP KBGFK7FR36	R	020WETSOK7EA1E	F	051TF		00470068		+ 03000				A JS	
SUSAP KBGFK7FR36	R	020WETSOK7EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KBGFK7FR36	R	021ZORIGK7EAGE	S	031TF		00470024		V 0210002112		-350		A JS	
SUSAP KBGFK7FR36	R	030RW36 K7PGG9Y	M	031TF		00470029		01026		-350		A JS	
SUSAP KBGFK7FR36	R	040ZEDUXK7EA0EYM		DF				+ 04000				A JS	
SUSAP KBGFK7FR36	R	050ZEDUZXK7EA0EE	HR020HM			18470050		+ 04000				A JS	

[illegible][illegible]

CITY AND STATE WINCHESTER, TN	ELEVATION: 979 TDZE: 979 AIRPORT NAME: WINCHESTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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

SUSAP KBGFK7PR36 RW36 001 0000W36A0N3510143950W08603591010+026830350N3511436000W08603558600106751224000510F400500073BA965
SUSAP KBGFK7PR36 RW36 002E +02971+02971LPV 99707 000

CITY AND STATE
WINCHESTER, TN

ELEVATION: 979 TDZE: 979
AIRPORT NAME:
WINCHESTER MUNI

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 36, ORIG
31 JUL 2008

SUP:
AMDT: NONE
DATED:

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

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AFINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JOGUV	JOGUV	010	IAF	IF		FB				
	JOGUV	YOKUS	020		TF		FB	1.0	274.8(272T)	006.0	04000
	SOGOC	SOGOC	010	IAF	IF		FB				
	SOGOC	YOKUS	020		TF		FB	1.0	094.6(092T)	006.0	04000
	YOKUS	YOKUS	010		HF	R	FB		004.7(002T)	005.0	04000
		YOKUS	010	FACF	IF		FB				04000
		WETSO	020	FAP	TF		FB	0.5	004.7(002T)	006.8	03000
		ZORIG	021	SDF	TF		FB	0.3	004.7(002T)	002.4	02100
		RW36	030	MAP	TF		FO	0.3	004.7(002T)	002.9	01026

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZEDUX	040		DF		FO				04000
	ZEDUX	050		HM	R	FO	2.0	184.7(182T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOGUV	N345802.64	W0855707.40	N3458.044	W08557.123
	SOGOC	N345824.04	W0861143.11	N3458.401	W08611.719
	WETSO	N350459.26	W0860410.55	N3504.988	W08604.176
	YOKUS	N345813.56	W0860425.24	N3458.226	W08604.421
	ZEDUX	N352355.71	W0860329.16	N3523.929	W08603.486
	ZORIG	N350720.20	W0860405.43	N3507.337	W08604.091
	RW36	N351014.40	W0860359.10	N3510.240	W08603.985

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW36	00975 51

CITY AND STATE WINCHESTER, TN	ELEVATION: 979 TDZE: 979 AIRPORT NAME: WINCHESTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
JUKIN (IAF)	ZEDUX (NOPT) (FB)	094.64 / 6.00	4000	LNAV: RW18
COGTO (IAF)	ZEDUX (NOPT) (FB)	274.78 / 6.00	4000	CLIMBING RIGHT TURN TO 4000 DIRECT ZEDUX AND HOLD.
ZEDUX (IF)	TECUG (FB)	184.71 / 7.03	2900	
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 1169 TREE 351335N/0860330W CHART 1299 TREE 351455N/0860247W. TECUG TO RW18: 3.05/45.

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	HOLD N ZEDUX, RT, 184.71 INBOUND, 4000 FT. IN LIEU OF PT (IAF)				
3. FAC:	184.71	FAF: TECUG	DIST FAF TO MAP:		5.82 THLD: 5.82
4. MIN. ALT:	ZEDUX 4000, TECUG 2900, WANUG/2.50 NM TO RW18 1820				
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:					

EPOCH YEAR: 2010

[illegible]

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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATTANOOGA ALTIMETER SETTING AND INCREASE ALL MDA 160 FEET. INCREASE LNAV AND CIRCLING CAT C AND CAT D VISIBILITY 1/2 MILE.

SUP:	
AMDT:	NONE
DATED	

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.	095/30 CW 275/30 (NOPT)	095/15 CW 275/15 (IAF) (FB)	5000
2.	095/15 CW 275/15	ZEDUX (IAF) (FB)	4000
3.	275/30 CW 005/30	COGTO (IAF) (FB)	5000
4.	005/30 CW 095/30	JUKIN (IAF) (FB)	5000

CITY AND STATE

WINCHESTER, TN

ELEVATION: 979 TDZE: 971

AIRPORT NAME:

WINCHESTER MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Y RWY 18, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COGTO	COGTO	010	IAF	IF		FB				
	COGTO	ZEDUX	020		TF		FB	1.0	274.8(272T)	006.0	04000
	JUKIN	JUKIN	010	IAF	IF		FB				
	JUKIN	ZEDUX	020		TF		FB	1.0	094.6(092T)	006.0	04000
	ZEDUX	ZEDUX	010		HF	R	FB		184.7(182T)	005.0	04000
		ZEDUX	010	FACF	IF		FB				04000
		TECUG	020	FAF	TF		FB	0.5	184.7(182T)	007.0	02900
		WANUG	021	SDF	TF		FB	0.3	184.7(182T)	003.3	01820
		RW18	030	MAP	TF		FB	0.3	184.7(182T)	002.5	01016

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ZEDUX	040		DF	R	FO				04000
	ZEDUX	050		HM	R	FO	2.0	184.7(182T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COGTO	N352344.73	W0855609.02	N3523.746	W08556.150
	JUKIN	N352406.25	W0861049.34	N3524.104	W08610.822
	TECUG	N351653.50	W0860344.57	N3516.892	W08603.743
	WANUG	N351334.02	W0860351.84	N3513.567	W08603.864
	ZEDUX	N352355.71	W0860329.16	N3523.929	W08603.486
	RW18	N351103.85	W0860357.30	N3511.064	W08603.955

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00971	45

CITY AND STATE
WINCHESTER, TN

ELEVATION: 979 TDZE: 971
 AIRPORT NAME:
WINCHESTER MUNI

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
JUKIN (IAF)	ZEDUX (NOPT) (FB)	094.64 / 6.00	4000	LPV: DA LNAV/VNAV: DA CLIMB TO 4000 DIRECT YOKUS AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.70 INBOUND. CHART FAS OBST: 1100 TREE 351151N/0860400W DISTANCE TO THLD FROM 397 HAT: 1.10 NM. WAAS CHANNEL # 42708 REFERENCE PATH ID: W18A
COGTO (IAF)	ZEDUX (NOPT) (FB)	274.78 / 6.00	4000	
ZEDUX (IF)	TECUG (FB)	184.71 / 7.03	2900	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N ZEDUX, RT, 184.71 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
- FAC: 184.71 FAF: DIST FAF TO MAP: THLD:
- MIN. ALT: ZEDUX 4000
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2900 GS ALT AT: TECUG OM: MM: IM:
- GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
- MSA FROM:

MAG VAR: 3W

EPOCH YEAR: 2010

MINIMUMS

TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	X										
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		1368	1 1/2	397	1368	1 1/2	397	1368	1 1/2	397	1368	1 1/2	397			
LNAV/VNAV DA		1589	2 1/4	618	1589	2 1/4	618	1589	2 1/4	618	1589	2 1/4	618			

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING CHATTANOOGA ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 SEE 8260-10

CITY AND STATE WINCHESTER, TN	ELEVATION: 979 TDZE: 971 AIRPORT NAME: WINCHESTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 18, ORIG 31 JUL 2008	SUP: AMD'T: NONE DATED

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART PROFILE NOTE: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHATTANOOGA ALTIMETER SETTING AND INCREASE LPV DA TO 1510, LNAV/VNAV DA TO 1731 AND ALL VISIBILITIES 1/2 MILE.

TAA

	FROM	TO	ALT
1.	095/30 CW 275/30 (NOPT)	095/15 CW 275/15	5000
2.	095/15 CW 275/15	ZEDUX (IAF) (FB)	4000
3.	275/30 CW 005/30	COGTO (IAF) (FB)	5000
4.	005/30 CW 095/30	JUKIN (IAF) (FB)	5000

CITY AND STATE

WINCHESTER, TN

ELEVATION: 979 TDZE: 971

AIRPORT NAME:

WINCHESTER MUNI

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 18, ORIG

31 JUL 2008

SUP:

AMDT: NONE

DATED:

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KBGF
RUNWAY RW18
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Z
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W18A
LTP/FTP LATITUDE 351103.8460N
LTP/FTP LONGITUDE 0860357.2990W
LTP/FTP ELLIPSOIDAL HEIGHT +02673
FPAP LATITUDE 350934.6500N
FPAP LONGITUDE 0860400.5400W
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 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

C5E4D1D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +02961
FPAP ORTHOMETRIC HEIGHT +02961

CITY AND STATE
WINCHESTER, TN

ELEVATION: 979 TDZE: 971
AIRPORT NAME:
WINCHESTER MUNI

FACILITY
IDENTIFIER:
RNAV

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

SUP:
AMDT: NONE
DATED:

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

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APINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COGTO	COGTO	010	IAF	IF		FB				
	COGTO	ZEDUX	020		TF		FB	1.0	274.8(272T)	006.0	04000
	JUKIN	JUKIN	010	IAF	IF		FB				
	JUKIN	ZEDUX	020		TF		FB	1.0	094.6(092T)	006.0	04000
	ZEDUX	ZEDUX	010		HF	R	FB		184.7(182T)	005.0	04000
		ZEDUX	010	FACF	IF		FB				04000
		TECUG	020	FAF	TF		FB	0.5	184.7(182T)	007.0	02900
		RW18	030	MAP	TF		FO	0.3	184.7(182T)	005.8	01016

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	YOKUS	040		DF		FO				04000
	YOKUS	050		HM	R	FO	2.0	004.7(002T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	COGTO	N352344.73	W0855609.02	N3523.746	W08556.150
	JUKIN	N352405.25	W0861049.34	N3524.104	W08610.822
	TECUG	N351653.50	W0860344.57	N3516.892	W08603.743
	YOKUS	N345813.56	W0860425.24	N3458.226	W08604.421
	ZEDUX	N352355.71	W0860329.16	N3523.929	W08603.486
	RW18	N351103.85	W0860357.30	N3511.064	W08603.955

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	03971	45

CITY AND STATE WINCHESTER, TN	ELEVATION: 979 TDZE: 971 AIRPORT NAME: WINCHESTER MUNI	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 18, ORIG 31 JUL 2008	SUP:
				AMD'T: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
HRL VOR/DME	DEPOO LOM/I-BRO 7.34 DME	147.27 / 16.60	2000	ILS: DA LOC: 5.97 MILES AFTER DEPOO LOM/I-BRO 7.34 DME OR AT I-BRO 1.38 DME FIX	
RELAX INT	DEPOO LOM/I-BRO 7.34 DME	194.86 / 17.71	1900	CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 DIRECT HRL VOR/DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 700 THEN CLIMBING LEFT TURN TO 1900 DIRECT DEPOO LOM/I-BRO 7.34 DME AND HOLD NW, LT, 128.39 INBOUND.	
BRO VORTAC	DEPOO LOM/I-BRO 7.34 DME	287.23 / 8.06	1900		
				ADDITIONAL FLIGHT DATA: HOLD NW, RT, 146.00 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD NW DEPOO LOM/I-BRO 7.34 DME, LT, 128.39 INBOUND. CHART FAS OBST: 183 TOWER 255722N/0972915W CHART VDP AT 2.63 DME; DISTANCE VDP TO THLD 1.25 MILES. CHART IN PLANVIEW: DEPOO LOM/I-BRO 7.34 DME.	

1. PT R SIDE OF COURSE 308.39 OUTBOUND 1900 FT WITHIN 10 MILES OF DEPOO LOM (IAF)

2. _____

3. FAC: 128.39 FAF: DEPOO LOM/I-BRO 7.34 DME DIST FAF TO MAP: 5.97 THLD: 5.97

4. MIN. ALT: DEPOO LOM 1900

5. DIST TO THLD FROM OM: 5.97 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1248

6. MIN GS INCPT: 1900 GS ALT AT: GS INTCP OM: 1850 MM: - IM: -

7. GS ANGLE: 2.75 TCH: 58.0

8. MSA FROM: BR LOM 360-240 1600, 240-360 2600

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS																
TAKEOFF:	X	STANDARD		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 13R	219	2400	200	219	2400	200	219	2400	200	219	2400	200				
S-LOC 13R	440	2400	421	440	2400	421	440	4000	421	440	4000	421				
CIRCLING	440	1	418	540	1	518	540	1 1/2	518	580	2	558				

NOTES:
CHART PLANVIEW NOTE: ADF, DME OR RADAR REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE PORT ISABEL ALTIMETER SETTING AND INCREASE DA 38 FEET AND ALL MDA 40 FEET AND S-LOC 13R CAT D VISIBILITY TO RVR 5000.

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

CITY AND STATE BROWNSVILLE, TX	ELEVATION: 22 TDZE: 19 AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL	FACILITY IDENTIFIER: I-BRO	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 13R, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 10/27/2005

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
MYLES/I-LVF 14.90 DME/RADAR (IF)	JAKID/I-LVF 4.91 DME/RADAR	309.63 / 9.99 (I-LVF)	2200	ILS: DA LOC: 5.03 MILES AFTER JAKID/I-LVF 4.91 DME/RADAR CLIMB TO 900 THEN CLIMBING RIGHT TURN 5000 VIA HEADING 042 AND CVE R-046 TO FINGR/CVE 36.40 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 900 THEN CLIMBING RIGHT TURN 5000 VIA HEADING 042 AND TTT R-050 TO FINGR/TTT 42.74 DME AND HOLD SW, LT, 050.29 INBOUND. (DME REQUIRED). ADDITIONAL FLIGHT DATA: HOLD S, LT, 010.99 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD SW FINGR/TTT 42.74 DME, LT, 050.29 INBOUND. CHART FAS OBST: 845 BLDG 324750N/0964841W CHART PLANVIEW NOTE: RADAR REQUIRED. CHART CONIS OM SUBDUED. CHART VDP AT 1.77 DME; DISTANCE VDP TO THLD 1.90 MILES.								
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT MYLES/I-LVF 14.90 DME/RADAR 3. FAC: <u>309.63</u> FAF: <u>JAKID/I-LVF 4.91 DME/RADAR</u> DIST FAF TO MAP: <u>5.03</u> THLD: <u>5.03</u> 4. MIN. ALT: <u>MYLES 2500, JAKID 2200, ENTRA/I-LVF 2.88 DME 1520*</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u>1020</u> 6. MIN GS INCPT: <u>2200</u> GS ALT AT: <u>JAKID/I-LVF 4.91 DME/RADAR 2200</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.08</u> TCH: <u>56.0</u> 8. MSA FROM: <u>CVE VOR/DME 090-270 3600, 270-090 2700</u>				MAG VAR: 6E EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF: <u> </u>	STANDARD ☒	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: <u>NA</u>	ILS: # <u> </u>	LOC: @ <u> </u>							
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31L	676	1800	200	676	1800	200	676	1800	200	676	1800	200
S-LOC 31L	1520	4000	1044	1520	5000	1044	1520	2 1/2	1044	1520	2 1/2	1044
CIRCLING	1520	1 1/4	1033	1520	1 1/2	1033	1520	3	1033	1520	3	1033
ENTRA FIX MINIMUMS												
S-LOC 31L	1160	2400	684	1160	2400	684	1160	1 1/2	684	1160	1 3/4	684
CIRCLING	1160	1	673	1160	1	673	1160	2	673	1160	2 1/4	673
NOTES: CHART NOTE: DME OR RADAR REQUIRED. *LOC ONLY												
# CAT A, B 1100-2, CAT C, D 1100-3 @ CAT A, B 1100-2, CAT C, D 1100-3												
CITY AND STATE		ELEVATION: 487 TDZE: 476		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
DALLAS, TX		AIRPORT NAME:		I-LVF		ILS OR LOC RWY 31L, AMDT 21			AMDT: 20			
		DALLAS LOVE FIELD				31 JUL 2008			DATED 07/05/2007			

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE									
ORVLL	CEMPI (FB)	307.08 / 13.66	3000	LPV: DA LNAV: RW31L CLIMB TO 5000 DIRECT GRMPE AND RIGHT TURN VIA 047.62 TRACK TO FINGR AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 226.00 INBOUND. CHART FAS OBST: 1049 BLDG 324820N/0964733W CHART 1368 BLDG 324648N/0964814W. CHART 1167 BLDG 324715N/0964757W. DISTANCE TO THLD FROM 293 HAT: 0.72 NM. CHART VDP AT 2.53 MILES TO RW31L* *LNAV ONLY. WAAS CHANNEL # 72808 REFERENCE PATH ID: W31A								
YEAGR	CEMPI (FB)	273.33 / 12.09	3000									
CEMPI (IAF)	MYLES (FB)	309.78 / 5.00	2500									
MYLES (IF)	JAKID (FB)	309.74 / 9.99	2200									
1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT MYLES 3. FAC: 309.67 FAF: JAKID _____ DIST FAF TO MAP: 5.03 THLD: 5.03 4. MIN. ALT: MYLES 2500, JAKID 2200, GIYET/3.30 NM TO RW31L 1620* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: JAKID 2200 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.08 TCH: 56.0 34:1 IS CLEAR 8. MSA FROM: RW31L 3600				MAG VAR: 6E EPOCH YEAR: 1990								
MINIMUMS												
TAKEOFF: ☐ STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A @												
CATEGORY =====>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	769	2400	293	769	2400	293	769	2400	293	769	2400	293
LNAV MDA	1360	4000	884	1360	4000	884	1360	2 1/4	884	1360	2 1/2	884
CIRCLING	1360	1 1/4	873	1360	1 1/4	873	1360	2 3/4	873	1360	3	873
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ CAT A, B 900-2, CAT C 900-2 3/4, CAT D 900-3 *LNAV ONLY CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO RVR 5000.												
CITY AND STATE		ELEVATION: 487 TDZE: 476		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
DALLAS, TX		AIRPORT NAME: DALLAS LOVE FIELD				RNAV (GPS) RWY 31L, AMDT 1		AMDT: ORIG				
						31 JUL 2008		DATED 03/22/2001				

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 Checked

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDAL
RUNWAY	RW31L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	325002.5060N
LTP/FTP LONGITUDE	0965036.2950W
LTP/FTP ELLIPSOIDAL HEIGHT	+01186
FPAP LATITUDE	325107.0000N
FPAP LONGITUDE	0965151.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.08
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 73083C7D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01451
FPAP ORTHOMETRIC HEIGHT	+01451

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 476 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31L, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 03/22/2001

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

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

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 476 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31L, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 03/22/2001

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

CITY AND STATE DALLAS, TX	ELEVATION: 487 TDZE: 476 AIRPORT NAME: DALLAS LOVE FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 31L, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 03/22/2001

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ORVLL	ORVLL	010		IF		FB				
	ORVLL	CEMPI	020	IAF	TF		FB	2.0	307.1(313T)	013.7	03000
	ORVLL	MYLES	030		TF		FB	1.0	309.8(316T)	005.0	02500
	YEAGR	YEAGR	010		IF		FB				
	YEAGR	CEMPI	020	IAF	TF		FB	2.0	273.3(279T)	012.1	03000
	YEAGR	MYLES	030		TF		FB	1.0	309.8(316T)	005.0	02500
		MYLES	010	FACF	IF		FB				02500
		JAKID	020	FAF	TF		FB	0.5	309.7(316T)	010.0	02200
		GIYET	021	SDF	TF		FB	0.3	309.7(316T)	001.7	01620
		RW31L	030	MAP	TF		FO	0.3	309.7(316T)	003.3	00532

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GRMPE	040		DF		FB	1.0			
	FINGR	050		TF	R	FO	1.0	047.6(054T)		05000
	FINGR	060		HM	L	FO	2.0	226.0(232T)	005.0	05000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEMPI	N323540.82	W0963401.79	N3235.680	W09634.030
	FINGR	N331547.65	W0962001.79	N3315.794	W09620.030
	GIYET	N324740.66	W0964752.05	N3247.678	W09647.868
	GRMPE	N325403.87	W0965516.28	N3254.065	W09655.271
	JAKID	N324626.18	W0964625.88	N3246.436	W09646.431
	MYLES	N323916.19	W0963809.61	N3239.270	W09638.160
	ORVLL	N322620.57	W0962213.31	N3226.343	W09622.222
	YEAGR	N323343.76	W0961954.28	N3233.729	W09619.905
	RW31L	N325002.51	W0965036.30	N3250.042	W09650.605

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW31L	00476		68

CITY AND STATE
DALLAS, TX

ELEVATION: 487 TDZE: 476
 AIRPORT NAME:
DALLAS LOVE FIELD

FACILITY
 IDENTIFIER:
RNAV

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

SUP:
 AMDT: **ORIG**
 DATED: **03/22/2001**

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION	RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HRL VOR/DME	GIDGE (FB)	075.40 / 5.04	2000	LPV: DA LNAV/VNAV: DA LNAV: RW13 CLIMB TO 3000 DIRECT COKAX AND VIA 185.33 TRACK TO CHICO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 185.33 INBOUND. CHART FAS OBST: 124 TREE 261053N/0972142W FAS OBST: 226 AAO 261409N/0972420W DISTANCE TO THLD FROM 358 HAT: 1.01 NM. CHART VDP AT 2.07 MILES TO RW13* *LNAV ONLY. WAAS CHANNEL # 53708 REFERENCE PATH ID: W13A
MADRE (IAF)	BUTAC (NOPT) (FB)	132.59 / 7.03	2000	
GIDGE (IAF)	BUTAC (NOPT) (FB)	039.76 / 5.00	2000	
BUTAC (IF/IAF)	GEWAV (FB)	129.78 / 6.21	1600	

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
 2. HOLD NW BUTAC, LT, 129.78 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
 3. FAC: 129.81 FAF: GEWAV DIST FAF TO MAP: 4.79 THLD: 4.79
 4. MIN. ALT: BUTAC 2000, GEWAV 1600
 5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
 6. MIN GS INCPT: 1600 GS ALT AT: GEWAV OM: MM: IM:
 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
 8. MSA FROM: RW13 2600

MAG VAR: 5E
EPOCH YEAR: 2010

MINIMUMS																
TAKEOFF:		STANDARD	X	SEE FAA FORM 8260-15A	FOR THIS AIRPORT	ALTERNATE: N/A		STANDARD @								
CATEGORY =====>		A			B			C			D			E		
		DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA		376	1 1/4	358	376	1 1/4	358	376	1 1/4	358		NA				
LNAV/VNAV DA		424	1 1/2	406	424	1 1/2	406	424	1 1/2	406		NA				
LNAV MDA		480	1	462	480	1	462	480	1 1/4	462		NA				
CIRCLING		540	1	521	540	1	521	660	1 3/4	641		NA				

NOTES:
 CHART NOTE: BARO-VNAV NA WHEN USING BROWNSVILLE ALTIMETER SETTING.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 SEE 8260-10

© NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 19 TDZE: 18	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PORT ISABEL, TX	AIRPORT NAME:		RNAV (GPS) RWY 13, AMDT 1	AMDT: ORIG
	PORT ISABEL-CAMERON COUNTY		31 JUL 2008	DATED 10/30/2003

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: VDP NA WHEN USING BROWNSVILLE ALTIMETER SETTING

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MADRE VIA V70 NORTHWEST BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BROWNSVILLE ALTIMETER SETTING AND INCREASE ALL DA 38 FEET AND ALL MDA 40 FEET, INCREASE LPV ALL CATS, LNAV CAT C, AND CIRCLING CAT C VISIBILITY 1/4 MILE.

CITY AND STATE

PORT ISABEL, TX

ELEVATION: 19 TDZE: 18

AIRPORT NAME:

PORT ISABEL-CAMERON COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 13, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 10/30/2003

CHECKED

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

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPIL
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	261022.7265N
LTP/FTP LONGITUDE	0972059.5340W
LTP/FTP ELLIPSOIDAL HEIGHT	-00176
FPAP LATITUDE	260919.7100N
FPAP LONGITUDE	0971949.3200W
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	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 9F15D519

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00042
FPAP ORTHOMETRIC HEIGHT	+00042

CITY AND STATE
PORT ISABEL, TX

ELEVATION: 19 TDZE: 18
AIRPORT NAME:
PORT ISABEL-CAMERON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1
31 JUL 2008

SUP:	
AMDT:	ORIG
DATED:	10/30/2003

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KPILK4FR13	ABUTAC	010BUTACK4EA0EE	CL	HF			12980040	+ 02000		18000		A JS	
SUSAP KPILK4FR13	AHRL	010HRL K4D 0V		IF						18000		A JS	
SUSAP KPILK4FR13	AHRL	020GIDGEK4EA0E	A	020TF			07540050	+ 02000				A JS	
SUSAP KPILK4FR13	AHRL	030BUTACK4EA0EE		010TF			03980050	+ 02000				A JS	
SUSAP KPILK4FR13	AMADRE	010MADREK4EA0E	A	IF						18000		A JS	
SUSAP KPILK4FR13	AMADRE	020BUTACK4EA0EE		010TF			13260070	+ 02000				A JS	
SUSAP KPILK4FR13	R	010BUTACK4EA0E	I	IF				+ 02000		18000		A JS	
SUSAP KPILK4FR13	R	020GEWAVK4EA1E	F	051TF			12980062	+ 01600			RW13 K4PGA	JS	
SUSAP KPILK4FR13	R	020GEWAVK4EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KPILK4FR13	R	030RW13 K4PG0GY	M	031TF			12980048		00054		-300	A JS	
SUSAP KPILK4FR13	R	040COKAXK4EA0E	M	010DF								A JS	
SUSAP KPILK4FR13	R	050CHICOK4EA0EY		010TF			1853	+ 03000				A JS	
SUSAP KPILK4FR13	R	060CHICOK4EA0EE		HR020HM			18530040	+ 03000				A JS	

[illegible]

CITY AND STATE PORT ISABEL, TX	ELEVATION: 19 TDZE: 18 AIRPORT NAME: PORT ISABEL-CAMERON COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 13, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 10/30/2003

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

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SUSAP KPILK4GRW13 0080011298 N26102273W097205953+0100 -0017600014000040200R

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KPILK4PR13 RW13 001 0000W13A0N2610227265W09720595340-0176 0300N2609197100W09719493200106750312000400F4005009F15D519
SUSAP KPILK4PR13 RW13 002E +00042+00042LPV 53708 000

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KPILK4SRW13 K4PG 0 18018002625 M

CITY AND STATE
PORT ISABEL, TX

ELEVATION: 19 TDZE: 18
AIRPORT NAME:
PORT ISABEL-CAMERON COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1
31 JUL 2008

SUP:
AMDT: ORIG
DATED: 10/30/2003

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BUTAC	BUTAC	010		HF	L	FB		129.8(135T)	004.0	02000
	HRL	HRL	010		IF		FB				
	HRL	GIDGE	020	IAF	TF		FB	2.0	075.4(080T)	005.0	02000
	HRL	BUTAC	030		TF		FB	1.0	039.8(045T)	005.0	02000
	MADRE	MADRE	010	IAF	IF		FB				
	MADRE	BUTAC	020		TF		FB	1.0	132.6(138T)	007.0	02000
		BUTAC	010	FACF	IF		FB				02000
		GEWAV	020	FAF	TF		FB	0.5	129.8(135T)	006.2	01600
		RW13	030	MAP	TF		FO	0.3	129.8(135T)	004.8	00054

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	COKAX	040		DF		FB	1.0			
	CHICO	050		TF		FO	1.0	185.3(190T)		03000
	CHICO	060		HM	R	FO	2.0	185.3(190T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HRL	N261345.23	W0973906.85	N2613.754	W09739.114
	BUTAC	N261809.23	W0972940.29	N2618.154	W09729.672
	CHICO	N255743.62	W0971510.35	N2557.727	W09715.173
	COKAX	N260400.65	W0971354.31	N2604.011	W09713.905
	GEWAV	N261345.99	W0972446.22	N2613.767	W09724.770
	GIDGE	N261435.68	W0973335.33	N2614.595	W09733.589
	MADRE	N262321.79	W0973456.98	N2623.363	W09734.950
	RW13	N261022.73	W0972059.53	N2610.379	W09720.992

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW13	00014	40

CITY AND STATE
PORT ISABEL, TX

ELEVATION: 19 TDZE: 18
AIRPORT NAME:
PORT ISABEL-CAMERON COUNTY

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 13, AMDT 1
31 JUL 2008

SUP:
AMDT: ORIG
DATED: 10/30/2003

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 3, 8, 13, 21, 26, 31, 35 STANDARD

RWY 17 400-2 OR STANDARD WITH MINIMUM CLIMB OF 253' PER NM TO 500.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 3, TREES BEGINNING 178' FROM DER, 27' LEFT OF CENTERLINE, UP TO 100' AGL/114' MSL.

NOTE: RWY 8, TREES BEGINNING 2046' FROM DER, 511' RIGHT OF CENTERLINE, UP TO 100' AGL/119' MSL. TREES BEGINNING 1981' FROM DER, 118' RIGHT OF CENTERLINE, UP TO 100' AGL/119' MSL.

NOTE: RWY 13, TREES BEGINNING 530' FROM DER, 32' LEFT OF CENTERLINE, UP TO 100' AGL/119' MSL.

NOTE: RWY 17, TREES BEGINNING 911' FROM DER, 84' LEFT OF CENTERLINE, UP TO 100' AGL/119' MSL.

NOTE: RWY 35, TREES BEGINNING 15' FROM DER, 4' LEFT OF CENTERLINE, UP TO 100' AGL/114' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 292 MSL TOWER 260805.00N-0972057.00W

(5) City, State

PORT ISABEL, TX

(6) Airport

PORT ISABEL-CAMERON COUNTY

(7) Effective Date

31 JUL 2008

(8) Amdt. No.

2

QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

MLS - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.29

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
-
- FAC: FAF: DIST FAF TO MAP: THLD:
- MIN. ALT:
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH:
- MSA FROM:

MAG VAR:

EPOCH YEAR:

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 31 JUL 2008

CITY AND STATE MOSES LAKE, WA	ELEVATION: 1189 TDZE: 1167 AIRPORT NAME: GRANT COUNTY INTL	FACILITY IDENTIFIER: MWH	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: MLS RWY 32R, ORIG-B, 05/10/2007	SUP: AMDT: ORIG-A DATED 09/12/1996

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
DREAR (IAF)	FIBVU (NOPT) (FB)	064.03 / 13.31	3000	LPV: DA LNAV/VNAV: DA LNAV: RW02	
WAITS (IAF)	FIBVU (NOPT) (FB)	318.00 / 9.12	3000	CLIMB TO 3000 DIRECT NUNEF AND HOLD.	
FIBVU (IF/IAF)	EGACA (FB)	018.15 / 6.15	2700		
				ADDITIONAL FLIGHT DATA: HOLD N, RT, 198.26 INBOUND. CHART FAS OBST: 1085 TOWER 432434N/0884204W DISTANCE TO THLD FROM 256 HAT: 0.69 NM. CHART VDP AT 1.35 MILES TO RW02* *LNAV ONLY. WAAS CHANNEL # 87107 REFERENCE PATH ID: W02A	
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD S FIBVU, RT, 018.15 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 018.18 FAF: EGACA DIST FAF TO MAP: 5.35 THLD: 5.35 4. MIN. ALT: FIBVU 3000, EGACA 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: EGACA OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW02 2700					
				MAG VAR: 1W EPOCH YEAR: 1995	

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	STANDARD @										
CATEGORY >>>>>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1189	1	256	1189	1	256	1189	1	256		NA				
LNAV/VNAV DA	1432	1 3/4	499	1432	1 3/4	499	1432	1 3/4	499		NA				
LNAV MDA	1400	1	467	1400	1	467	1400	1 1/4	467		NA				
CIRCLING	1440	1	506	1440	1	506	1440	1 1/2	506		NA				

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART NOTE: VDP AND BARO-VNAV NA WHEN USING DANE COUNTY REGIONAL-TRUAX FIELD ALTIMETER SETTING.
 SEE 8260-10

CITY AND STATE JUNEAU, WI	ELEVATION: 934 TDZE: 933 AIRPORT NAME: DODGE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1 31 JUL 2008	SUP: AMDT: ORIG DATED 05/10/2007

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

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

NOTES CONT.

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANE COUNTY REGIONAL-TRUAX FIELD
ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET, INCREASE ALL VISIBILITIES 1/2 MILE.**

CITY AND STATE

JUNEAU, WI

ELEVATION: 934 TDZE: 933

AIRPORT NAME:

DODGE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 2, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 05/10/2007

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUNU
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	432517.7610N
LTP/FTP LONGITUDE	0884206.7435W
LTP/FTP ELLIPSOIDAL HEIGHT	+02486
FPAP LATITUDE	432642.8900N
FPAP LONGITUDE	0884130.5700W
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	1520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER BDA1BF22

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02836
FPAP ORTHOMETRIC HEIGHT	+02836

CITY AND STATE JUNEAU, WI	ELEVATION: 934 TDZE: 933 AIRPORT NAME: DODGE COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1 31 JUL 2008	SUP:
				AMDT: ORIG
				DATED: 05/10/2007

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

[illegible]

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

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

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

[illegible]

CITY AND STATE
JUNEAU, WI

ELEVATION: 934	TDZE: 933
AIRPORT NAME:	
DODGE COUNTY	

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 1
31 JUL 2008

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	DREAR	DREAR	010	IAF	IF		FB				
	DREAR	FIBVU	020		TF		FB	1.0	064.0 (063T)	013.3	03000
	FIBVU	FIBVU	010		HF	R	FB		018.2 (017T)	004.0	03000
	WAITS	WAITS	010	IAF	IF		FB				
	WAITS	FIBVU	020		TF		FB	1.0	318.0 (317T)	009.1	03000
		FIBVU	010	FACF	IF		FB				03000
		EGACA	020	FAF	TF		FB	0.5	018.2 (017T)	006.2	02700
		RW02	030	MAP	TF		FO	0.3	018.2 (017T)	005.4	00970

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	NUNEF	040		DF		FO	1.0			03000
	NUNEF	050		HM	R	FO	2.0	198.3 (197T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DREAR	N430817.19	W0890259.70	N4308.287	W08902.995
	EGACA	N432010.95	W0884416.85	N4320.183	W08844.281
	FIBVU	N431418.41	W0884645.88	N4314.307	W08846.765
	NUNEF	N433652.02	W0883710.79	N4336.867	W08837.180
	WAITS	N430738.29	W0883815.14	N4307.638	W08838.252
	RW02	N432517.76	W0884206.74	N4325.296	W08842.112

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW02	00930		40

CITY AND STATE
JUNEAU, WI

ELEVATION: 934 TDZE: 933
AIRPORT NAME:
DODGE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 1
31 JUL 2008

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

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW20 CLIMB TO 3000 DIRECT FIBVU AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 018.15 INBOUND. CHART FAS OBST: 1049 TREE 432648N/0884148W DISTANCE TO THLD FROM 280 HAT: 0.76 NM. WAAS CHANNEL # 61307 REFERENCE PATH ID: W20A							
RANDO		SOTTE (FB)		055.32 / 16.11				3000									
BAE VORTAC		NUNEF (FO)		334.93 / 33.26				3000									
OSH VORTAC (IAF)		NUNEF (NOPT) (FB)		188.02 / 22.72				3000									
SOTTE (IAF)		NUNEF (NOPT) (FB)		108.19 / 5.00				3000									
NUNEF (IF/IAF)		HOMNY (FB)		198.26 / 6.10				2700									
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD N NUNEF, RT, 198.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 198.23 FAF: HOMNY _____ DIST FAF TO MAP: 5.35 THLD: 5.35 4. MIN. ALT: NUNEF 3000, HOMNY 2700 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2700 GS ALT AT: HOMNY _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW20 2700														MAG VAR: 1W		EPOCH YEAR: 1995	
MINIMUMS																	
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @					
CATEGORY =====>		A			B			C			D			E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA		
LPV DA	1214	1	280	1214	1	280	1214	1	280		NA						
LNAV/VNAV DA	1350	1 1/2	416	1350	1 1/2	416	1350	1 1/2	416		NA						
LNAV MDA	1300	1	366	1300	1	366	1300	1	366		NA						
CIRCLING	1440	1	506	1440	1	506	1440	1 1/2	506		NA						
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING DANE COUNTY RGNL-TRUAX FIELD ALTIMETER SETTING. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. SEE 8260-10																	
CITY AND STATE				ELEVATION: 934 TDZE: 934				FACILITY IDENTIFIER:				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
JUNEAU, WI				AIRPORT NAME:				RNAV				RNAV (GPS) RWY 20, AMDT 1				AMDT: ORIG	
				DODGE COUNTY								31 JUL 2008				DATED 05/10/2007	

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

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

NOTES CONT.**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BAE VORTAC VIA V217 SOUTHBOUND.****CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.****CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DANE COUNTY RGNL-TRUAX FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET, INCREASE VISIBILITIES 1/4 MILE.**

CITY AND STATE

JUNEAU, WI

ELEVATION: 934 TDZE: 934

AIRPORT NAME:

DODGE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 05/10/2007

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

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

FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUNU
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	432555.7665N
LTP/FTP LONGITUDE	0884150.5935W
LTP/FTP ELLIPSOIDAL HEIGHT	+02491
FPAP LATITUDE	432430.6400N
FPAP LONGITUDE	0884226.7600W
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	1520
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D8FED248

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02841
FPAP ORTHOMETRIC HEIGHT	+02841

CITY AND STATE

JUNEAU, WI

ELEVATION: 934 TDZE: 934

AIRPORT NAME:

DODGE COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 20, AMDT 1

31 JUL 2008

SUP:

AMDT: ORIG

DATED: 05/10/2007

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

[illegible]

DATED: 05/10/2007

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

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

RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KUNUK5GRW20 0040291982 N43255577W088415059+0000 +0249100932000040075R

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

SUSAP KUNUK5PR20 RW20 001 0000W20A0N4325557665W08841505935+024910300N4324306400W08842267600106751520000400F400500D8FED248

SUSAP KUNUK5PR20 RW20 002E +02841+02841LPV 61307 000

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

SUSAP KUNUK5SRW20 K5PG 0 18018002725 M

CITY AND STATE
JUNEAU, WI

ELEVATION: 934 TDZE: 934
AIRPORT NAME:
DODGE COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 20, AMDT 1
31 JUL 2008

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

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BAE	BAE	010		IF		FB				
	BAE	NUNEF	020		TF		FO	2.0	334.9 (334T)	033.3	03000
	BAE	NUNEF	030		HF	R	FO		198.3 (197T)	004.0	03000
	OSH	OSH	010	IAF	IF		FB				
	OSH	NUNEF	020		TF		FB	1.0	188.0 (187T)	022.7	03000
	RANDO	RANDO	010		IF		FB				
	RANDO	SOTTE	020	IAF	TF		FB	2.0	055.3 (054T)	016.1	03000
	RANDO	NUNEF	030		TF	R	FB	1.0	108.2 (107T)	005.0	03000
		NUNEF	010	FACF	IF		FB				03000
		HOMNY	020	FAF	TF		FB	0.5	198.3 (197T)	006.1	02700
		RW20	030	MAP	TF		FO	0.3	198.2 (197T)	005.4	00972

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	FIBVU	040		DF		FO	1.0			03000
	FIBVU	050		HM	R	FO	2.0	018.2 (017T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.65	N4307.011	W08817.061
	OSH	N435925.50	W0883321.40	N4359.425	W08833.357
	FIBVU	N431418.41	W0884645.88	N4314.307	W08846.765
	HOMNY	N433102.22	W0883940.15	N4331.037	W08839.669
	NUNEF	N433652.02	W0883710.79	N4336.867	W08837.180
	RANDO	N432858.42	W0890146.53	N4328.974	W08901.776
	SOTTE	N433820.86	W0884345.32	N4338.348	W08843.755
	RW20	N432555.77	W0884150.59	N4325.930	W08841.843

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW20	00932	40

CITY AND STATE
JUNEAU, WI

ELEVATION: 934 TDZE: 934
 AIRPORT NAME:
 DODGE COUNTY

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 20, AMDT 1
 31 JUL 2008

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

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33		Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.	
TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW01 CLIMBING RIGHT TURN TO 5100 DIRECT WAGID AND HOLD. ADDITIONAL FLIGHT DATA: CHART 3019 TREE 374354N-0810708W CHART FAS OBST: 2779 TREE 374535N-0810658W HUDIR TO RW01: 3.05/40	
BKW VORTAC	WAGID (FO)	194.12 / 11.16	5800		
ESTEM (IAF)	WAGID (NOPT) (FB)	304.61 / 10.48	5100		
KEGLY (IAF)	WAGID (NOPT) (FB)	046.41 / 9.53	5100		
WAGID (IF/IAF)	SUCOG (FB)	013.47 / 3.61	4400		
SUCOG	HUDIR (FB)	013.47 / 2.49	4200		

1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)					
2. HOLD S WAGID, RT, 013.47 INBOUND, 5100 FT. IN LIEU OF PT (IAF)					
3. FAC: 013.48 FAF: HUDIR DIST FAF TO MAP: 5.15 THLD: 5.15					
4. MIN. ALT: WAGID 5100, SUCOG 4400, HUDIR 4200, OMUBE/2.70 NM TO RW01 3400					
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: RW01 5400					

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
LNAV MDA	3040	1	545	3040	1	545	3040	1 1/2	545	3040	1 3/4	545			
CIRCLING	3120	1	616	3180	1	676	3180	2	676	3180	2 1/4	676			

NOTES:
 CHART NOTE: CIRCLING TO RWY 28 NA AT NIGHT. @ CAT D 800-2 1/4
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KEGLY VIA V45 SOUTHBOUND, AND ARRIVALS AT BKW
 VORTAC VIA V519 NORTHBOUND.

CITY AND STATE	ELEVATION: 2504 TDZE: 2495	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BECKLEY, WV	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 1, ORIG	AMDT: NONE
	RALEIGH COUNTY MEMORIAL		31 JUL 2008	DATED

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

[illegible]

CITY AND STATE BECKLEY, WV	ELEVATION: 2504 TDZE: 2495 AIRPORT NAME: RALEIGH COUNTY MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 1, ORIG 31 JUL 2008	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KBKWK6GRW01 0067500135 N37465544W081073280-0700 +0729502495000040150R

SUSAP KBKWK6SRW01 K6PG 0 18018005425 M

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-1P

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	BKW	BKW	010		IF		FB				
	BKW	WAGID	020	IAF	TF		FO	2.0	194.1 (188T)	011.2	05800
	BKW	WAGID	030		HF	R	FO		013.5 (008T)	005.0	05100
	ESTEM	ESTEM	010	IAF	IF		FB				
	ESTEM	WAGID	020		TF		FB	1.0	304.6 (299T)	010.5	05100
	KEGLY	KEGLY	010	IAF	IF		FB				
	KEGLY	WAGID	020		TF		FB	1.0	046.4 (040T)	009.5	05100
		WAGID	010	FACF	IF		FB				05100
		SUCOG	011	SDF	TF		FB	0.5	013.5 (008T)	003.6	04400
		HUDIR	020	FAF	TF		FB	0.5	013.5 (008T)	002.5	04200
		OMUBE	021	SDF	TF		FB	0.3	013.5 (008T)	002.7	03400
		RW01	030	MAP	TF		FO	0.3	013.5 (008T)	002.7	02535

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WAGID	040		DF	R	FO	1.0			05100
	WAGID	050		HM	R	FO	2.0	013.5 (008T)	005.0	05100

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BKW	N374649.08	W0810724.44	N3746.818	W08107.407
	ESTEM	N373044.57	W0805748.95	N3730.743	W08057.816
	HUDIR	N374148.50	W0810823.59	N3741.808	W08108.393
	KEGLY	N372829.86	W0811709.74	N3728.498	W08117.162
	OMUBE	N374414.64	W0810759.42	N3744.244	W08107.990
	SUCOG	N373920.48	W0810848.02	N3739.341	W08108.800
	WAGID	N373545.40	W0810923.51	N3735.757	W08109.392
	RW01	N374655.44	W0810732.80	N3746.924	W08107.547

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	02495	40

CITY AND STATE
BECKLEY, WVELEVATION: 2504 TDZE: 2495
AIRPORT NAME:
RALEIGH COUNTY MEMORIALFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 1, ORIG
31 JUL 2008SUP:
AMDT: NONE
DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23					Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.																																																																																																																																						
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1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. _____ 3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: _____															MAG VAR: _____ EPOCH YEAR: _____																																																																																																																												
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td>TAKEOFF:</td> <td>STANDARD</td> <td colspan="8">SEE FAA FORM 8260-15A FOR THIS AIRPORT</td> <td colspan="2">ALTERNATE: N A</td> </tr> <tr> <td>CATEGORY =====></td> <td colspan="2">A</td> <td colspan="3">B</td> <td colspan="3">C</td> <td colspan="3">D</td> <td colspan="3">E</td> </tr> <tr> <td></td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> <td>MDA</td> <td>VIS</td> <td>HAT/HAA</td> </tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																	TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		CATEGORY =====>	A		B			C			D			E				MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																
TAKEOFF:	STANDARD	SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A																																																																																																																																	
CATEGORY =====>	A		B			C			D			E																																																																																																																															
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA																																																																																																																												
NOTES: PROCEDURE CANCELED EFFECTIVE <u>31 JUL 2008</u>																																																																																																																																											
CITY AND STATE BECKLEY, WV				ELEVATION: 2504 TDZE: 2495 AIRPORT NAME: RALEIGH COUNTY MEMORIAL				FACILITY IDENTIFIER: BKW				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR/DME OR GPS RWY 1, AMDT 3A, 03/04/1993				SUP AMDT 3 DATE Nov. 4, 1992																																																																																																																											

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
GFK VOR/DME	URBAH (FO)	084.71 / 11.71	2800	LPV: DA LNAV/VNAV: DA LNAV: RW26											
EYWUS (IAF)	URBAH (NOPT) (FB)	174.01 / 10.94	2800												
JIXIR (IAF)	URBAH (NOPT) (FB)	354.21 / 8.24	2800	CLIMB TO 4000 DIRECT DUCEV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.											
URBAH (IF/IAF)	JMKNG (FB)	264.21 / 6.31	2400												
				ADDITIONAL FLIGHT DATA: HOLD W, RT, 083.78 INBOUND. CHART FAS OBST: 884 TREE 475721N/0971002W CHART FAS OBST: 1149 TOWER 475749N/0970516W CHART 1326 TOWER 475745N/0970313W. DISTANCE TO THLD FROM 250 HAT: 0.65 NM. CHART VDP AT 1.80 MILES TO RW26* *LNAV ONLY. WAAS CHANNEL # 78104 REFERENCE PATH ID: W26A											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)															
2. HOLD E URBAH, RT, 264.21 INBOUND, 2800 FT. IN LIEU OF PT (IAF)															
3. FAC: 264.10 FAF: JMKNG _____ DIST FAF TO MAP: 4.69 THLD: 4.69															
4. MIN. ALT: URBAH 2800, JMKNG 2400															
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____															
6. MIN GS INCPT: 2400 GS ALT AT: JMKNG _____ OM: _____ MM: _____ IM: _____															
7. GS ANGLE: 3.00 TCH: 44.6 34:1 IS CLEAR															
8. MSA FROM: RW26 3300				MAG VAR: 6E 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	1093	1	250	1093	1	250	1093	1	250	1093	1	250			
LNAV/VNAV DA	1152	1	309	1152	1	309	1152	1	309	1152	1	309			
LNAV MDA	1460	1	617	1460	1	617	1460	1 3/4	617	1460	2	617			
CIRCLING	1460	1	615	1460	1	615	1460	1 3/4	615	1460	2	615			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CROOKSTON ALTIMETER SETTING AND INCREASE ALL DA 62 FEET AND ALL MDA 80 FEET. INCREASE LNAV/VNAV ALL CATS AND LNAV AND CIRCLING SEE 8260-10															
CITY AND STATE		ELEVATION: 845 TDZE: 843		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
GRAND FORKS, ND		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 26, AMDT 1A				AMDT: 1					
		GRAND FORKS INTL				28 AUG 2008				DATED 08/30/2007					

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CAT C AND D VISIBILITY 1/4 MILE.

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GFK VOR/DME AIRWAY RADIALS 071 CW 095.

CITY AND STATE

GRAND FORKS, ND

ELEVATION: 845 TDZE: 843

AIRPORT NAME:

GRAND FORKS INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1A

28 AUG 2008

SUP:

AMDT: 1

DATED: 08/30/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGFK
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	475708.6055N
LTP/FTP LONGITUDE	0971003.9405W
LTP/FTP ELLIPSOIDAL HEIGHT	+02301
FPAP LATITUDE	475708.6000N
FPAP LONGITUDE	0971216.4900W
THRESHOLD CROSSING HEIGHT (TCH)	00044.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D0CBDEBC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02569
FPAP ORTHOMETRIC HEIGHT	+02569

CITY AND STATE

GRAND FORKS, ND

ELEVATION: 845 TDZE: 843

AIRPORT NAME:

GRAND FORKS INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 26, AMDT 1A

28 AUG 2008

SUP:

AMDT: 1

DATED: 08/30/2007

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KGFKK3FR26	AEYWUS	010EYWUSK3EA0E	A	IF					18000		A JS	
SUSAP	KGFKK3FR26	AEYWUS	020URBAHK3EA0EE	010TF			17400109	+	02800			A JS	
SUSAP	KGFKK3FR26	AGFK	010GFK	K3D OV	IF					18000		A JS	
SUSAP	KGFKK3FR26	AGFK	020URBAHK3EA0EY	A	020TF		08470117	+	02800			A JS	
SUSAP	KGFKK3FR26	AGFK	030URBAHK3EA0EB	CR	HF		26420050	+	02800			A JS	
SUSAP	KGFKK3FR26	AJIXIR	010JIXIRK3EA0E	A	IF					18000		A JS	
SUSAP	KGFKK3FR26	AJIXIR	020URBAHK3EA0EE	010TF			35420082	+	02800			A JS	
SUSAP	KGFKK3FR26	R	010URBAHK3EA0E	I	IF			+	02800	18000		A JS	
SUSAP	KGFKK3FR26	R	020JMKNGK3EA1E	F	051TF		26420063	+	02400		RW26	K3PGA	JS
SUSAP	KGFKK3FR26	R	020JMKNGK3EA2	WALPV	ALNAV/VNAV	ALNAV						JS	
SUSAP	KGFKK3FR26	R	030RW26	K3PGOGY	M	031TF	26410047		00888	-300		A JS	
SUSAP	KGFKK3FR26	R	040DUCEVK3EA0EYM	010DF				+	04000			A JS	
SUSAP	KGFKK3FR26	R	050DUCEVK3EA0EE	HR020HM			08380050	+	04000			A JS	

[illegible]

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

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[illegible]

PAGE 5 OF 6 PAGES

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	EYWUS	EYWUS	010	IAF	IF		FB				
	EYWUS	URBAH	020		TF		FB	1.0	174.0(180T)	010.9	02800
	GFK	GFK	010		IF		FB				
	GFK	URBAH	020	IAF	TF		FO	2.0	084.7(091T)	011.7	02800
	GFK	URBAH	030		HF	R	FO		264.2(270T)	005.0	02800
	JIXIR	JIXIR	010	IAF	IF		FB				
	JIXIR	URBAH	020		TF		FB	1.0	354.2(000T)	008.2	02800
		URBAH	010	FACF	IF		FB				02800
		JMKNG	020	FAF	TF		FB	0.5	264.2(270T)	006.3	02400
		RW26	030	MAP	TF		FO	0.3	264.1(270T)	004.7	00888

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DUCEV	040		DF		FO	1.0			04000
	DUCEV	050		HM	R	FO	2.0	083.8(090T)	005.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GFK	N475717.40	W0971107.33	N4757.290	W09711.122
	DUCEV	N475707.26	W0972755.06	N4757.121	W09727.918
	EYWUS	N480803.20	W0965341.90	N4808.053	W09653.698
	JIXIR	N474853.52	W0965344.76	N4748.892	W09653.746
	JMKNG	N475708.35	W0970305.72	N4757.139	W09703.095
	URBAH	N475707.35	W0965342.07	N4757.123	W09653.701
	RW26	N475708.61	W0971003.94	N4757.144	W09710.066

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW26	00843		45

CITY AND STATE
GRAND FORKS, ND

ELEVATION: 845 TDZE: 843
 AIRPORT NAME:
GRAND FORKS INTL

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 26, AMDT 1A
28 AUG 2008

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

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 14, STANDARD WITH MINIMUM CLIMB OF 350' PER NM TO 2400 OR 1500-3 FOR CLIMB IN VISUAL CONDITIONS

RWY 32, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 14: CLIMB HEADING 144.51 TO 2400 BEFORE TURNING LEFT OR FOR CLIMB IN VISUAL CONDITIONS CROSS ITHACA TOMPKINS REGIONAL AIRPORT AT OR ABOVE 2400 BEFORE PROCEEDING ON COURSE

RWY 32: CLIMB HEADING 324.50 TO 1600 BEFORE PROCEEDING ON COURSE

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREES BEGINNING 569' FROM DER, 527' RIGHT OF CENTERLINE, UP TO 100' AGL/1599' MSL. TREES BEGINNING 1831' FROM DER, 767' LEFT OF CENTERLINE, UP TO 100' AGL/1780' MSL. TRMSN POLE AND TOWERS BEGINNING 1952' FROM DER, 330' RIGHT OF CENTERLINE, UP TO 52' AGL/1151' MSL. TOWER 2.46 NM FROM DER, 4420' LEFT OF CENTERLINE, UP TO 100' AGL/1620' MSL.

NOTE: RWY 32, TREES BEGINNING 338' FROM DER, 380' RIGHT OF CENTERLINE, UP TO 100' AGL/1219' MSL. TREES BEGINNING 1265' FROM DER, 462' LEFT OF CENTERLINE, UP TO 100' AGL/1179' MSL.

(4) CONTROLLING OBSTACLES:

RWY 14: 1959 MSL AAO 422729.48N/0762304.59W, 2139 MSL TOWER 422754.00N/0762223.00W

RWY 32: 2139 MSL TOWER 422754.00N/0762223.00W

RWY 14, (VCOA): 2139 MSL TOWER 422754.00N/0762223.00W

(5) City, State

ITHACA, NY

(6) Airport

ITHACA TOMPKINS REGIONAL

(7) Effective Date

28 AUG 2008

(8) Amdt. No.

4

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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(1) TAKEOFF MINIMUMS:

RWY 9, NA - OBSTACLE

RWY 27, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 447 FT PER NM TO 1300.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 27 - CLIMB HEADING 267.85 TO 1800 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 27, TREES BEGINNING 332' FROM DER, 315' LEFT OF CENTERLINE, UP TO 100' AGL/1,119' MSL. TREES BEGINNING 332' FROM DER, 360' RIGHT OF CENTERLINE, UP TO 100' AGL/1,239' MSL. POLE/SIGN 1,672' FROM DER, 623' LEFT OF CENTERLINE, 80' AGL/1,148' MSL.

(4) CONTROLLING OBSTACLES:

RWY 27: 1239 MSL TREES 395404.00N-0800854.00W, 1667 MSL TOWER 395452.26N-0801005.41W

(5) City, State

WAYNESBURG, PA

(6) Airport

GREENE COUNTY

(7) Effective Date

28 AUG 2008

(8) Amdt. No.

ORIG

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES								MISSED APPROACH								
FROM		TO		COURSE AND DISTANCE			ALTITUDE									
								ADDITIONAL FLIGHT DATA:								
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																
2.																
3. FAC _____ FAF _____ DIST FAF TO MAP _____ THLD _____																
4. MIN. ALT _____																
8. MSA FROM: _____								MAG VAR: _____			EPOCH YEAR: _____					
TAKEOFF: [] STANDARD [] SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A []																
CATEGORY =====>		A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	
NOTES:																
25 SEP 2008																
PROCEDURE CANCELED EFFECTIVE _____																
CITY AND STATE FORT PIERCE, FL				ELEVATION: 23 TDZE: 23 AIRPORT NAME: ST LUCIE COUNTY INTL				FACILITY IDENTIFIER: GPS		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: GPS RWY 9, ORIG-B, 12/15/1999				SUP GPS RWY 09 AMDT ORIG-A DATE 08/24/1999		

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.07 MILES AFTER LUUCE LOM/I-FJD 6.30 DME OR AT I-FJD 1.23 DME FIX CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 VIA HEADING 080 AND VIA VRB VORTAC R-129 TO ANGEE INT AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2000 DIRECT LUUCE LOM/I-FJD 6.30 DME AND HOLD W, RT, 094.47 INBOUND. (ADF REQUIRED). ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.61 INBOUND. CHART: ALTERNATE MA HOLDING, HOLD W LUUCE LOM/I-FJD 6.30 DME, RT, 094.47 INBOUND. CHART FAS OBST: 129 TREE 272943N/0802454W CHART APT ELEV 24. CHART VDP AT 2.19 DME. DISTANCE VDP TO THLD 0.96 MILES.											
VRB VORTAC	LUUCE LOM/I-FJD 6.30 DME	179.71 / 10.89	2000												
ANGEE INT	LUUCE LOM/I-FJD 6.30 DME	279.62 / 17.48	2000												
1. PT <u>L</u> SIDE OF COURSE <u>274.47</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>LUUCE LOM</u> (IAF) 2. 3. FAC: <u>094.47</u> FAF: <u>LUUCE LOM/I-FJD 6.30 DME</u> DIST FAF TO MAP: <u>5.07</u> THLD: <u>5.07</u> 4. MIN. ALT: <u>LUUCE LOM 1800</u> 5. DIST TO THLD FROM OM: <u>5.07</u> MM: <u>-</u> IM: <u>-</u> 150 HAT: <u>-</u> 100 HAT: <u>-</u> GS ANT: <u>950</u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>GS INTCP</u> OM: <u>1709</u> MM: <u>-</u> IM: <u>-</u> 7. GS ANGLE: <u>3.00</u> TCH: <u>49.0</u> 8. MSA FROM: <u>FJ LOM 2600</u>				MAG VAR: <u>4W</u> EPOCH YEAR: <u>1990</u>											
MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	ILS: STANDARD #	LOC: STANDARD @									
CATEGORY =====>	A		B		C		D	E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 9	223	3/4	200	223	3/4	200	223	3/4	200	223	3/4	200			
S-LOC 9	380	1	357	380	1	357	380	1	357	380	1 1/4	357			
CIRCLING	460	1	436	480	1	456	480	1 1/2	456	580	2	556			
NOTES: CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 720 MSL. CHART PLANVIEW NOTE: ADF OR DME REQUIRED. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND SEE 8260-10 # @ NA WHEN CONTROL TOWER CLOSED. # @ NA WHEN LOCAL WEATHER NOT AVAILABLE.															
CITY AND STATE		ELEVATION: 24 TDZE: 23		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP: ILS RWY 9					
FORT PIERCE, FL		AIRPORT NAME:		I-FJD		ILS OR LOC RWY 9, AMDT 2				AMDT: 1B					
		ST LUCIE COUNTY INTL				25 SEP 2008				DATED 11/23/2006					

QUALITY CHECKED

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.

INCREASE DA TO 254; INCREASE ALL MDA 40 FEET.

CHART NOTE: VDP NA WHEN USING VERO BEACH ALTIMETER SETTING.

CITY AND STATE

FORT PIERCE, FL

ELEVATION: 24

TDZE: 23

AIRPORT NAME:

ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:

I-FJD

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 9, AMDT 2

25 SEP 2008

SUP: ILS RWY 9

AMDT: 1B

DATED: 11/23/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION NDB STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.27								Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.									
TERMINAL ROUTES										MISSED APPROACH							
FROM		TO		COURSE AND DISTANCE				ALTITUDE		MAP: FPR NDB							
VRB VORTAC		FPR NDB		155.57 / 13.04				2000		CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT FPR NDB AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NE, LT, 247.49 INBOUND. CHART FAS OBST: 230 BLDG 273137N/0801850W CHART TDZE/APT ELEV 24. FAC CROSSES RWY C/L EXTENDED 3002 FROM THLD.							
ANGEET INT		FPR NDB		279.30 / 12.06				2000									
DIDDY INT		FPR NDB		072.92 / 29.15				2000									
1. PT <u>R</u> SIDE OF COURSE <u>067.49</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>FPR NDB</u> (IAF) 2. _____ 3. FAC <u>247.49</u> FAF _____ DIST FAF TO MAP _____ THLD _____ 4. MIN. ALT _____ 8. MSA FROM: <u>FPR NDB 2600</u>														MAG VAR: 4W		EPOCH YEAR: 1990	
MINIMUMS																	
TAKEOFF: _____		STANDARD _____		X _____		SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: NA _____		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	616	640	1	616	640	1 3/4	616	640	2	616					
CIRCLING	640	1	616	640	1	616	640	1 3/4	616	640	2	616					
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.																	
CITY AND STATE FORT PIERCE, FL		ELEVATION: 24 AIRPORT NAME: ST LUCIE COUNTY INTL		TDZE: 24 FACILITY IDENTIFIER: FPR		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: NDB RWY 27, AMDT 1 25 SEP 2008				SUP NDB OR GPS RWY 27							
										AMDT ORIG-B							
										DATE 11/23/2006							

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				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: RW09 CLIMB TO 2000 DIRECT VOCDU AND VIA 107.28 TRACK TO ANGEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.61 INBOUND. CHART FAS OBST: 135 TOWER 272929N/0802405W CHART VDP AT 1.15 MILES TO RW09. TIKIY TO RW09: 3.04/52 CHART APT ELEV 24.
VRB VORTAC	MIMBE (FB)	227.87 / 7.98	2000	
SHEDS	AWOTA (FB)	000.63 / 6.82	2000	
AWOTA (IAF)	ZAHZA (FB)	004.37 / 5.00	2000	
MIMBE (IAF)	ZAHZA (FB)	184.37 / 5.00	2000	
ZAHZA (IF)	TIKIY (FB)	094.37 / 6.11	1800	

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. **PROFILE STARTS AT ZAHZA**
3. FAC: 094.42 FAF: TIKIY DIST FAF TO MAP: 5.34 THLD: 5.34
4. MIN. ALT: ZAHZA 2000, TIKIY 1800, SIVYO/3.00 NM TO RW09 1020
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____
6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____
7. GS ANGLE: _____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW09 2600

MAG VAR: 4W

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		440	1	417	440	1	417	440	1 1/4	417	440	1 1/4	417			
CIRCLING		460	1	436	480	1	456	480	1 1/2	456	580	2	556			

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEDS VIA V531 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VRB VORTAC AIRWAY RADIALS 182 CW 228.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 23 AIRPORT NAME: ST LUCIE COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED

QUALITY
CHECKED

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

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

NOTES CONT.

INCREASE ALL MDA 40 FEET; INCREASE LNAV CAT D VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WHEN USING VERO BEACH ALTIMETER SETTING.

CITY AND STATE

FORT PIERCE, FL

ELEVATION: 24 TDZE: 23

AIRPORT NAME:

ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 9, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

CHECKED

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

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

[illegible]

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 23 AIRPORT NAME: ST LUCIE COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
			RNAV (GPS) RWY 9, ORIG	AMDT: NONE
			25 SEP 2008	DATED:

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

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[illegible]

CITY AND STATE
FORT PIERCE, FL

ELEVATION: 24 TDZE: 23
AIRPORT NAME:
ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
25 SEP 2008

SUP:	
AMDT:	NONE
DATED:	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SHEDS	SHEDS	010		IF		FB				
	SHEDS	AWOTA	020	IAF	TF		FB	2.0	000.6 (357T)	006.8	02000
	SHEDS	ZAHZA	030		TF		FB	1.0	004.4 (000T)	005.0	02000
	VRB	VRB	010		IF		FB				
	VRB	MIMBE	020	IAF	TF		FB	2.0	227.9 (224T)	008.0	02000
	VRB	ZAHZA	030		TF		FB	1.0	184.4 (180T)	005.0	02000
		ZAHZA	010	FACF	IF		FB				02000
		TIKIY	020	FAF	TF		FB	0.5	094.4 (090T)	006.1	01800
		SIVYO	021	SDF	TF		FB	0.3	094.4 (090T)	002.3	01020
		RW09	030	MAP	TF		FO	0.3	094.4 (090T)	003.0	00082

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	VOCDU	040		DF		FB				
	ANGEE	050		TF		FO		107.3 (103T)		02000
	ANGEE	060		HM	R	FO	2.0	308.6 (305T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VRB	N274042.30	W0802922.60	N2740.705	W08029.377
	ANGEE	N272804.57	W0800854.06	N2728.076	W08008.901
	AWOTA	N272454.35	W0803540.47	N2724.906	W08035.675
	MIMBE	N273456.01	W0803536.11	N2734.934	W08035.602
	SHEDS	N271804.61	W0803513.45	N2718.077	W08035.224
	SIVYO	N272951.56	W0802608.16	N2729.859	W08026.136
	TIKIY	N272952.62	W0802845.84	N2729.877	W08028.764
	VOCDU	N272947.48	W0801701.66	N2729.791	W08017.028
	ZAHZA	N272955.18	W0803538.29	N2729.920	W08035.638
	RW09	N272950.12	W0802245.75	N2729.835	W08022.763

RUNWAY DATA	THRESHOLD	TCH
RWY	ELEVATION	
RW09	00023	49

CITY AND STATE
FORT PIERCE, FLELEVATION: 24 TDZE: 23
AIRPORT NAME:
ST LUCIE COUNTY INTLFACILITY
IDENTIFIER:
RNAVPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, ORIG
25 SEP 2008SUP:
AMDT: NONE
DATED:

RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.								
TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW14 CLIMB TO 2000 DIRECT CILAP AND VIA 091.56 TRACK TO ANGEE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 308.61 INBOUND. CHART FAS OBST: 95 TREE 273008N/0802247W CHART FAS OBST: 142 ANT ON ATCT 272937N/0802223W DISTANCE TO THLD FROM 301 HAT: 0.81 NM. CHART VDP AT 1.04 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 82508 REFERENCE PATH ID: W14A CHART TDZE/APT ELEV 24.								
DIDDY	RUCYO (FB)	048.52 / 22.22	2000									
VALKA	KOYEP (FB)	159.64 / 14.84	2000									
RUCYO (IAF)	POBCI (FB)	049.36 / 5.00	2000									
KOYEP (IAF)	POBCI (FB)	229.42 / 5.00	2000									
POBCI (IF)	JOMDU (FB)	139.39 / 6.14	1800									
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT POBCI 3. FAC: <u>139.43</u> FAF: <u>JOMDU</u> DIST FAF TO MAP: <u>5.36</u> THLD: <u>5.36</u> 4. MIN. ALT: <u>POBCI 2000, JOMDU 1800</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1800</u> GS ALT AT: <u>JOMDU 1800</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW14 2600</u>				MAG VAR: <u>4W</u> EPOCH YEAR: <u>1990</u>								
MINIMUMS												
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @							
CATEGORY >>>>>	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	325	1	301	325	1	301	325	1	301	325	1	301
LNAV/VNAV DA	384	1 1/4	360	384	1 1/4	360	384	1 1/4	360	384	1 1/4	360
LNAV MDA	400	1	376	400	1	376	400	1	376	400	1 1/4	376
CIRCLING	460	1	436	480	1	456	480	1 1/2	456	580	2	556
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DIDDY VIA V267 SOUTHEAST BOUND. SEE 8260-10												
CITY AND STATE		ELEVATION: 24 TDZE: 24		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP:			
FORT PIERCE, FL		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 14, ORIG			AMDT: NONE			
		ST LUCIE COUNTY INTL				25 SEP 2008			DATED			

 01/11/2008
 01/11/2008

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VALKA VIA V3 NORTH BOUND.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND INCREASE LPV DA TO 356; INCREASE LNAV/VNAV DA TO 415; INCREASE ALL MDA 40 FEET; INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS; LNAV CAT C VISIBILITY 1/4 MILE.

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

CITY AND STATE

FORT PIERCE, FL

ELEVATION: 24

TDZE: 24

AIRPORT NAME:

ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 14, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFPR
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	272948.4990N
LTP/FTP LONGITUDE	0802218.9140W
LTP/FTP ELLIPSOIDAL HEIGHT	-00206
FPAP LATITUDE	272844.8100N
FPAP LONGITUDE	0802108.6400W
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	1304
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 1647D2F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00069
FPAP ORTHOMETRIC HEIGHT	+00069

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 24	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 25 SEP 2008	SUP:
	AIRPORT NAME: ST LUCIE COUNTY INTL			AMDT: NONE
	DATED:			

QUALITY
2
CHECKED

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

[illegible]

SUP:	
AMDT:	NONE
DATED:	

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

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ST LUCIE COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	DIDDY	DIDDY	010		IF		FB				
	DIDDY	RUCYO	020	IAF	TF		FB	2.0	048.5(045T)	022.2	02000
	DIDDY	POBCI	030		TF		FB	1.0	049.4(045T)	005.0	02000
	VALKA	VALKA	010		IF		FB				
	VALKA	KOYEP	020	IAF	TF		FB	2.0	159.6(156T)	014.8	02000
	VALKA	POBCI	030		TF		FB	1.0	229.4(225T)	005.0	02000
		POBCI	010	FACF	IF		FB				02000
		JOMDU	020	FAF	TF		FB	0.5	139.4(135T)	006.1	01800
		RW14	030	MAP	TF		FO	0.3	139.4(135T)	005.4	00068

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CILAP	040		DF		FB				
	ANGEE	050		TF		FO		091.6(088T)		02000
	ANGEE	060		HM	R	FO	2.0	308.6(305T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANGEE	N272804.57	W0800854.06	N2728.076	W08008.901
	CILAP	N272739.83	W0801956.98	N2727.664	W08019.950
	DIDDY	N271838.15	W0805255.92	N2718.636	W08052.932
	JOMDU	N273339.30	W0802632.73	N2733.638	W08026.546
	KOYEP	N274132.58	W0802723.23	N2741.543	W08027.387
	POBCI	N273801.37	W0803123.82	N2738.023	W08031.397
	RUCYO	N273430.05	W0803524.16	N2734.501	W08035.403
	VALKA	N275505.98	W0803416.89	N2755.100	W08034.282
	RW14	N272948.50	W0802218.91	N2729.808	W08022.315

RUNWAY DATA	THRESHOLD	
	RWY	ELEVATION TCH
RW14	00023 45	

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 24	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 25 SEP 2008	SUP:
	AIRPORT NAME: ST LUCIE COUNTY INTL			AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH			
FROM	TO	COURSE AND DISTANCE	ALTITUDE				
VRB VORTAC	VOYUT (FB)	104.48 / 17.11	2000	LNAV: RW27 CLIMB TO 2000 DIRECT WEBKU AND VIA 250.75 TRACK TO AWOTA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 004.37 INBOUND. CHART FAS OBST: 154 TREE 273027N/0802102W CHART VDP AT 1.07 MILES TO RW27. CHART TDZE/APT ELEV 24. YADDU TO RW27: 3.05/59			
VOYUT (IAF)	BRONG (FB)	169.57 / 5.00	2000				
JUDUD (IAF)	BRONG (FB)	349.59 / 5.70	2000				
BRONG (IF)	YADDU (FB)	259.58 / 6.18	1800				

1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)	
2. PROFILE STARTS AT BRONG	
3. FAC: <u>259.52</u> FAF: YADDU	DIST FAF TO MAP: <u>5.32</u> THLD: <u>5.32</u>
4. MIN. ALT: BRONG 2000, YADDU 1800	
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>	
6. MIN GS INCPT: <u> </u> GS ALT AT: <u> </u> OM: <u> </u> MM: <u> </u> IM: <u> </u>	
7. GS ANGLE: <u> </u> TCH: 34:1 IS NOT CLEAR	
8. MSA FROM: RW27 2600	

MAG VAR: **4W** 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	420	1	396	420	1	396	420	1	396	420	1 1/4	396			
CIRCLING	460	1	436	480	1	456	480	1 1/2	456	580	2	556			

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

© NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 24	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 25 SEP 2008	SUP:
	AIRPORT NAME: ST LUCIE COUNTY INTL			AMDT: NONE
				DATED

QUALITY
 CHECKED

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

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NOTES CONT.

CHART NOTE: VDP NA WHEN USING VERO BEACH ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VRB VORTAC AIRWAY RADIALS 147 CW 164.

CITY AND STATE

FORT PIERCE, FL

ELEVATION: 24 TDZE: 24

AIRPORT NAME:

ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

25 SEP 2008

SUP:

AMDT: **NONE**

DATED:

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

[illegible]

CITY AND STATE FORT PIERCE, FL	ELEVATION: 24 TDZE: 24 AIRPORT NAME: ST LUCIE COUNTY INTL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 27, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED:

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

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SUSAP KFPRK7GEW27 0064922745 N27294959W080213367+0000 -0021100021000059150R

[illegible]

SUSAP KFPRK7SRW27 K7PG

0 18018002625

M

CITY AND STATE
FORT PIERCE, FL

ELEVATION: 24 TDZE: 24
AIRPORT NAME:
ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:
BNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 27, ORIG
25 SEP 2008

SUP: _____
AMDT: **NONE**
DATED: _____

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	JUDUD	JUDUD	010	IAF	IF		FB				
	JUDUD	BRONG	020		TF		FB	1.0	349.6 (346T)	005.7	02000
	VRB	VRB	010		IF		FB				
	VRB	VOYUT	020	IAF	TF		FB	2.0	104.5 (101T)	017.1	02000
	VRB	BRONG	030		TF		FB	1.0	169.6 (166T)	005.0	02000
		BRONG	010	FACF	IF		FB				02000
		YADDU	020	FAF	TF		FB	0.5	259.6 (256T)	006.2	01800
		RW27	030	MAP	TF		FO	0.3	259.5 (256T)	005.3	00080

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	WEBKU	040		DF		FB				
	AWOTA	050		TF		FO		250.8 (247T)		02000
	AWOTA	060		HM	R	FO	2.0	004.4 (000T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	VRB	N274042.30	W0802922.60	N2740.705	W08029.377
	AWOTA	N272454.35	W0803540.47	N2724.906	W08035.675
	BRONG	N273242.50	W0800902.20	N2732.708	W08009.037
	JUDUD	N272710.63	W0800726.54	N2727.177	W08007.442
	VOYUT	N273733.85	W0801026.31	N2737.564	W08010.439
	WEBKU	N272904.30	W0802449.60	N2729.072	W08024.827
	YADDU	N273109.74	W0801546.04	N2731.162	W08015.767
	RW27	N272949.59	W0802133.67	N2729.827	W08021.561

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW27	00021		59

CITY AND STATE

FORT PIERCE, FL

ELEVATION: 24 TDZE: 24

AIRPORT NAME:

ST LUCIE COUNTY INTL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 27, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARDS SERVICE - FAR PART 97.23										Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES										MISSED APPROACH											
FROM		TO			COURSE AND DISTANCE				ALTITUDE		MAP: VRB 12.55 DME FIX										
VRB VORTAC (IF/IAF)		LADDY/7.00 DME			153.97 / 7.00				1800		CLIMB TO 900 THEN CLIMBING RIGHT TURN TO 2000 VIA HEADING 270 AND VRB VORTAC R-182 TO BIWIK/9.00 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 002.00 INBOUND. CHART FAS OBST: 154 TREE 273029N/0802101W GOLDY TO RW14: 3.46/45. CHART TDZE/APT ELEV 24.										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD NW VRB VORTAC, RT, 153.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF) 3. FAC 153.97 FAF LADDY/7.00 DME _____ DIST FAF TO MAP _____ - THLD 5.55 4. MIN. ALT VRB VORTAC 2000, LADDY 1800, GOLDY/10.50 DME 820 8. MSA FROM: VRB VORTAC 1600										MAG VAR: 4W 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-14		420	1	396	420	1	396	420	1	396	420	1 1/4	396								
CIRCLING		460	1	436	480	1	456	480	1 1/2	456	580	2	556								
NOTES: CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON VRB VORTAC AIRWAY RADIALS 228 CW 347. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VERO BEACH ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET; INCREASE S-14 CAT C AND D VISIBILITY 1/4 MILE.																					
CITY AND STATE				ELEVATION: 24 TDZE: 24				FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP VOR/DME OR GPS							
FORT PIERCE, FL				AIRPORT NAME:				VRB		VOR/DME RWY 14, AMDT 8				RWY 14							
				ST LUCIE COUNTY INTL						25 SEP 2008				AMDT 7B							
														DATE 11/23/2006							

 QUALITY
&
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH	
FROM	TO	COURSE AND DISTANCE	ALTITUDE		
PHK VORTAC	WIKIN (FO)	355.13 / 11.07	1500	LPV: DA LNAV/VNAV: DA LNAV: RW17	
WIKIN (IF/IAF)	SETUE (FB)	175.58 / 6.17	1500	CLIMB TO 2000 DIRECT PASAE AND HOLD.	
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 355.60 INBOUND. CHART FAS OBST: 100 TREE 264756N/0804139W DISTANCE TO THLD FROM 400 HAT: 1.08 NM. WAAS CHANNEL # 53408 REFERENCE PATH ID: W17A CHART PALM BEACH INTL ASOS, 119.975	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N WIKIN, LT, 175.58 INBOUND, 1500 FT. IN LIEU OF PT (IAF)
- FAC: 175.58 FAF: SETUE DIST FAF TO MAP: 4.43 THLD: 4.43
- MIN. ALT: WIKIN 1500, SETUE 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 1500 GS ALT AT: SETUE OM: MM: IM:
- GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
- MSA FROM: RW17 2600

MAG VAR: 2W EPOCH YEAR: 1980

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	VS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	
LPV DA	416	1 1/4	400	416	1 1/4	400	416	1 1/4	400	416	1 1/4	400				
LNAV/VNAV DA	436	1 1/2	420	436	1 1/2	420	436	1 1/2	420	436	1 1/2	420				
LNAV MDA	440	1	424	440	1	424	440	1 1/4	424	440	1 1/4	424				
CIRCLING	580	1	564	580	1	564	580	1 1/2	564	580	2	564				

NOTES:
 CHART NOTE: BARO-VNAV NA.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
 SEE 8260-10

CITY AND STATE PAHOKEE, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: PALM BEACH COUNTY GLADES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 25 SEP 2008	SUP: AMDT: NONE DATED

QUALITY
1
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.

CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VORTAC AIRWAY RADIALS 342 CW 010.

CITY AND STATE

PAHOKEE, FL

ELEVATION: 16

TDZE: 16

AIRPORT NAME:

PALM BEACH COUNTY GLADES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPHK
RUNWAY RW17
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W17A
LTP/FTP LATITUDE 264725.3960N
LTP/FTP LONGITUDE 0804138.4900W
LTP/FTP ELLIPSOIDAL HEIGHT -00205
FPAP LATITUDE 264556.6000N
FPAP LONGITUDE 0804127.3800W
THRESHOLD CROSSING HEIGHT (TCH) 00055.0
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

78EE94D7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00048
FPAP ORTHOMETRIC HEIGHT +00048

CITY AND STATE

PAHOKEE, FL

ELEVATION: 16 TDZE: 16

AIRPORT NAME:

PALM BEACH COUNTY GLADES

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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[illegible]

CITY AND STATE PAHOKEE, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: PALM BEACH COUNTY GLADES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED:

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SUSAP KPHKK7PR17	RW17 002E	+00048+00048LPV	53408	000

[illegible]

SUP: _____
AMDT: **NONE**
DATED: _____

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PHK	PHK	010		IF		FB				
	PHK	WIKIN	020		TF		FO	2.0	355.1 (353T)	011.1	01500
	PHK	WIKIN	030		HF	L	FO		175.6 (174T)	004.0	01500
		WIKIN	010	FACF	IF		FB				01500
		SETUE	020	FAF	TF		FB	0.5	175.6 (174T)	006.2	01500
		RW17	030	MAP	TF		FO	0.3	175.6 (174T)	004.4	00071

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	PASAE	040		DF		FO	1.0			02000
	PASAE	050		HM	R	FO	2.0	355.6 (354T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PHK	N264657.99	W0804129.11	N2646.967	W08041.485
	PASAE	N263616.70	W0804014.91	N2636.278	W08040.249
	SETUE	N265150.48	W0804211.69	N2651.841	W08042.195
	WIKIN	N265759.23	W0804257.96	N2657.987	W08042.966
	RW17	N264725.40	W0804138.49	N2647.423	W08041.642

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW17	00016		55

CITY AND STATE
PAHOKEE, FL

ELEVATION: 16 TDZE: 16
 AIRPORT NAME:
 PALM BEACH COUNTY GLADES

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 17, ORIG
 25 SEP 2008

SUP:
 AMDT: NONE
 DATED:

QUALITY
CHECKED

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

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PHK VORTAC	PASAE (FO)	176.06 / 10.71	1500	LPV: DA LNAV/VNAV: DA LNAV: RW35
THNDR	PASAE (FO)	099.30 / 10.61	1500	CLIMB TO 2000 DIRECT WIKIN AND HOLD.
HEDLY (IAF)	PASAE (NOPT) (FB)	290.34 / 4.18	1500	
PASAE (IF/IAF)	HOREP (FB)	355.60 / 6.10	1500	
				ADDITIONAL FLIGHT DATA: HOLD N, LT, 175.58 INBOUND. CHART FAS OBST: 143 TOWER 264631N/0804124W CHART FAS OBST: 213 TOWER 264324N/0803959W DISTANCE TO THLD FROM 518 HAT: 1.46 NM. WAAS CHANNEL # 56408 REFERENCE PATH ID: W35A CHART PALM BEACH INTL ASOS, 119.975.
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. <u>HOLD S PASAE, RT, 355.60 INBOUND, 1500 FT. IN LIEU OF PT (IAF)</u> 3. FAC: <u>355.59</u> FAF: <u>HOREP</u> DIST FAF TO MAP: <u>4.43</u> THLD: <u>4.43</u> 4. MIN. ALT: <u>PASAE 1500, HOREP 1500</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>1500</u> GS ALT AT: <u>HOREP</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>55.0</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW35 2600</u>				
				MAG VAR: 2W EPOCH YEAR: 1980

MINIMUMS

[illegible]

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSJ AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

CITY AND STATE PAHOKEE, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: PALM BEACH COUNTY GLADES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED

QUALITY
CHECKED

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

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

NOTES CONT.

CHART NOTE: USE PALM BEACH INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PHK VORTAC AIRWAY RADIALS 115 CW 211.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT THNDR VIA V-157-511-599 NORTHWEST BOUND.

CITY AND STATE

PAHOKEE, FL

ELEVATION: 16 TDZE: 16

AIRPORT NAME:

PALM BEACH COUNTY GLADES

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

QUALITY
CHECKED

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

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHK
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	0
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	264646.3810N
LTP/FTP LONGITUDE	0804133.6020W
LTP/FTP ELLIPSOIDAL HEIGHT	-00205
FPAP LATITUDE	264815.1800N
FPAP LONGITUDE	0804144.7200W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1512
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

7908AF1A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00047
FPAP ORTHOMETRIC HEIGHT	+00047

CITY AND STATE

PAHOKEE, FL

ELEVATION: 16

TDZE: 16

AIRPORT NAME:

PALM BEACH COUNTY GLADES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 35, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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

[illegible]

CITY AND STATE PAHOKEE, FL	ELEVATION: 16 TDZE: 16 AIRPORT NAME: PALM BEACH COUNTY GLADES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 35, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED: 2007

QUALITY
CHECKED

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

[illegible][illegible]

PAGE 5 OF 6 PAGES

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	HEDLY	HEDLY	010	IAF	IF		FB				
	HEDLY	PASAE	020		TF		FB	1.0	290.3(288T)	004.2	01500
	PHK	PHK	010		IF		FB				
	PHK	PASAE	020		TF		FO	2.0	176.1(174T)	010.7	01500
	PHK	PASAE	030		HF	R	FO		355.6(354T)	004.0	01500
	THNDR	THNDR	010		IF		FB				
	THNDR	PASAE	020		TF		FO	2.0	099.3(097T)	010.6	01500
	THNDR	PASAE	030		HF	R	FO		355.6(354T)	004.0	01500
		PASAE	010	FACF	IF		FB				01500
		HOREP	020	FAF	TF		FB	0.5	355.6(354T)	006.1	01500
		RW35	030	MAP	TF		FO	0.3	255.6(254T)	004.4	00071

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	WIKIN	040		DF		FO	1.0			02000
	WIKIN	050		HM	L	FO	2.0	175.6(174T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PHK	N264657.99	W0804129.11	N2646.967	W08041.485
	HEDLY	N263457.61	W0803549.24	N2634.960	W08035.821
	HOREP	N264221.22	W0804100.43	N2642.354	W08041.007
	PASAE	N263616.70	W0804014.91	N2636.278	W08040.249
	THNDR	N263738.36	W0805159.71	N2637.639	W08051.995
	WIKIN	N265759.23	W0804257.96	N2657.987	W08042.966
	RW35	N264646.38	W0804133.60	N2646.773	W08041.560

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH
RW35	00016 55

CITY AND STATE
PAHOKEE, FL

ELEVATION: 16 TDZE: 16
 AIRPORT NAME:
PALM BEACH COUNTY GLADES

FACILITY
 IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 35, ORIG
25 SEP 2008

SUP:
 AMDT: **NONE**
 DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LNAV: YOPUN CLIMBING LEFT TURN TO 2000 DIRECT PHIEL AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 303 BLDG 274615N/0823818W TONYJ TO RW07: 3.04/40
SRQ VORTAC	CWBIL (FB)	323.46 / 16.04	2000	
PIE VORTAC	LOYIL (FB)	229.22 / 12.74	2000	
CWBIL (IAF)	PHIEL (NOPT) (FB)	337.05 / 5.00	2000	
LOYIL (IAF)	PHIEL (NOPT) (FB)	157.01 / 5.00	2000	
PHIEL (IF/IAF)	TONYJ (FB)	067.03 / 6.04	1500	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD SW PHIEL, RT, 067.03 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
- FAC: 067.08 FAF: TONYJ DIST FAF TO MAP: 3.65 THLD: 4.51
- MIN. ALT: PHIEL 2000, TONYJ 1500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: GS ALT AT: OM: MM: IM:
- GS ANGLE: TCH: 34:1 IS NOT CLEAR
- MSA FROM: YOPUN 2700

MAG VAR: 5W

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	600	1	593	600	1	593	600	1 1/2	593		NA					
CIRCLING	720	1	713	720	1	713	720	2	713		NA					

NOTES:
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART NOTE: PROCEDURE NA AT NIGHT.
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SRQ VORTAC VIA Q100 EASTBOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 7 AIRPORT NAME: ALBERT WHITTED	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 6 AMDT: ORIG DATED 07/05/2007

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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NOTES CONT.

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

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

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7

TDZE: 7

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 7, AMDT 1

25 SEP 2008

SUP: RNAV (GPS) RWY 6

AMDT: ORIG

DATED: 07/05/2007

QUALITY
CHECKED

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

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ARINC PACKET - 424-18

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	PIE	K7011640VTHA	N27542795W082410351	N27542795W082410351E001000009	NARST PETERSBURG								
SUSAD	SRQ	K7011700VTH	N27242532W082334914	N27242532W082334914W002000017	NARSARASOTA								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	CWBIL	K70	W	N27362698W082454739	W0047	NAR	CWBIL						
SUSAEAENRT	LOYIL	K70	W	N27451836W082510437	W0047	NAR	LOYIL						
SUSAEAENRT	PHIEL	K70	W	N27405270W082482577	W0047	NAR	PHIEL						
SUSAEAENRT	TONYJ	K70	W	N27434310W082422492	W0047	NAR	TONYJ						
SUSAEAENRT	YOPUN	K70	W	N27452593W082384673	W0047	NAR	YOPUN						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSPGK7ASPG	0	036YHN27455440W082373710W005000007	1800018000C	MNAR	ALBERT WHITTED							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSPGK7FR07	APHIEL	010PHIELK7EA0EE	CR	HF	06700040	+ 02000	18000	B JS				
SUSAP	KSPGK7FR07	APIE	010PIE	K7D 0V	IF	18000	B JS						
SUSAP	KSPGK7FR07	APIE	020LOYILK7EA0E	A 020TF	22920127	+ 02000	B JS						
SUSAP	KSPGK7FR07	APIE	030PHIELK7EA0EE	010TF	15700050	+ 02000	B JS						
SUSAP	KSPGK7FR07	ASRQ	010SRQ	K7D 0V	IF	18000	B JS						
SUSAP	KSPGK7FR07	ASRQ	020CWBILK7EA0E	A 020TF	32350160	+ 02000	B JS						
SUSAP	KSPGK7FR07	ASRQ	030PHIELK7EA0EE	010TF	33710050	+ 02000	B JS						
SUSAP	KSPGK7FR07	R	010PHIELK7EA0E	I	IF	+ 02000	18000	B JS					
SUSAP	KSPGK7FR07	R	020TONYJK7EA1E	F 051TF	06700060	+ 01500	YOPUN K7EAB	JS					
SUSAP	KSPGK7FR07	R	020TONYJK7EA2WN	N	ALNAV	JS							
SUSAP	KSPGK7FR07	R	030YOPUNK7EA0EY	M 031TF	06710037	00321	-304	B JS					
SUSAP	KSPGK7FR07	R	040PHIELK7EA0EYM	L010DF	+ 02000	B JS							
SUSAP	KSPGK7FR07	R	050PHIELK7EA0EE	HR020HM	06700040	+ 02000	B JS						

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

CITY AND STATE ST PETERSBURG, FL	ELEVATION: 7 TDZE: 7	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 7, AMDT 1 25 SEP 2008	SUP: RNAV (GPS) RWY 6
	AIRPORT NAME: ALBERT WHITTED			AMDT: ORIG
				DATED: 07/05/2007

QUALITY
2
CHECKED

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[illegible]

SUP:	RNAV (GPS) RWY 6
AMDT:	ORIG
DATED:	07/05/2007

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PHIEL	PHIEL	010		HF	R	FB		067.0 (062T)	004.0	02000
	PIE	PIE	010		IF		FB				
	PIE	LOYIL	020	IAF	TF		FB	2.0	229.2 (224T)	012.7	02000
	PIE	PHIEL	030		TF		FB	1.0	157.0 (152T)	005.0	02000
	SRQ	SRQ	010		IF		FB				
	SRQ	CWBIL	020	IAF	TF		FB	2.0	323.5 (319T)	016.0	02000
	SRQ	PHIEL	030		TF		FB	1.0	337.1 (332T)	005.0	02000
		PHIEL	010	FACF	IF		FB				02000
		TONYJ	020	FAF	TF		FB	0.5	067.0 (062T)	006.0	01500
		YOPUN	030	MAP	TF		FO	0.3	067.1 (062T)	003.7	00321

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PHIEL	040		DF	L	FO	1.0			02000
	PHIEL	050		HM	R	FO	2.0	067.0 (062T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	SRQ	N272425.32	W0823349.14	N2724.422	W08233.819
	CWBIL	N273626.98	W0824547.39	N2736.450	W08245.790
	LOYIL	N274518.36	W0825104.37	N2745.306	W08251.073
	PHIEL	N274052.70	W0824825.77	N2740.878	W08248.430
	TONYJ	N274343.10	W0824224.92	N2743.718	W08242.415
	YOPUN	N274525.93	W0823846.73	N2745.432	W08238.779
	RW07	N274550.02	W0823755.57	N2745.834	W08237.926

RUNWAY DATA	THRESHOLD	
RWY	ELEVATION	TCH
RW07	00007	40

CITY AND STATE
ST PETERSBURG, FL

ELEVATION: 7 TDZE: 7
 AIRPORT NAME:
 ALBERT WHITTED

FACILITY IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 7, AMDT 1
 25 SEP 2008

SUP: RNAV (GPS) RWY 6
 AMDT: ORIG
 DATED: 07/05/2007

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PIE VORTAC (IF/IAF)	KENVE (FB)	157.97 / 5.39	1200	LNAV: PICOL
				CLIMBING RIGHT TURN TO 2000 DIRECT PIE VORTAC AND HOLD.
				ADDITIONAL FLIGHT DATA: CHART FAS OBST: 365 BLDG 274631N/0823759W CHART VDP AT 1.02 MILES TO PICOL. KENVE TO RW18: 3.03/37

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NW PIE VORTAC, RT, 157.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 171.90 FAF: KENVE DIST FAF TO MAP: 3.12 THLD: 3.60
4. MIN. ALT: PIE VORTAC 2000, KENVE 1200
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: PICOL 2700

MAG VAR: 5W 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	680	1	674	680	1	674		NA			NA					
CIRCLING	720	1	713	720	1	713		NA			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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TAMPA INTL ALTIMETER SETTING AND SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 7 TDZE: 6	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:	SUP:
ST PETERSBURG, FL	AIRPORT NAME:		RNAV (GPS) RWY 18, ORIG-A	AMD'T: ORIG
	ALBERT WHITTED		25 SEP 2008	DATED 07/05/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.33

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

NOTES CONT.

INCREASE ALL MDA 40 FEET, AND CIRCLING CAT B VISIBILITY 1/4 MILE.

CHART NOTE: VDP NA WITH TAMPA INTL ALTIMETER SETTING.

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 330 CW 061.

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7

TDZE: 6

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 18, ORIG-A

25 SEP 2008

SUP:

AMDT: ORIG

DATED: 07/05/2007

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

[illegible]

AMDT:	ORIG
DATED:	07/05/2007

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

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PIE	PIE	010		HF	R	FB		158.0(153T)	004.0	02000
		PIE	010	FACF	IF		FB				
		KENVE	020	FAF	TF		FB	0.5	158.0(153T)	005.4	01200
		PICOL	030	MAP	TF		FO	0.3	171.9(167T)	003.1	00203

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	PIE	040		DF	R	FO	1.0			02000
	PIE	050		HM	R	FO	2.0	158.0(153T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	KENVE	N274938.95	W0823817.68	N2749.649	W08238.295
	PICOL	N274636.30	W0823729.90	N2746.605	W08237.498
	RW18	N274606.60	W0823729.69	N2746.110	W08237.495

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00005	37

CITY AND STATE
ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6
 AIRPORT NAME:
 ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 18, ORIG-A
 25 SEP 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2007

CHECKED

US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				RNAV (GPS) - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.															
TERMINAL ROUTES												MISSED APPROACH											
FROM				TO				COURSE AND DISTANCE				ALTITUDE				LNAV: BENWA CLIMBING RIGHT TURN TO 2000 DIRECT JRGAL AND HOLD. ADDITIONAL FLIGHT DATA: CHART FAS OBST: 200 SHIP 274533N/0823729W WHITD TO RW36: 3.04/40							
JRGAL (IF/IAF)				WHITD (FB)				355.54 / 5.66				1600											
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)																MAG VAR: 5W EPOCH YEAR: 2010							
2. HOLD S JRGAL, RT, 355.54 INBOUND, 2000 FT. IN LIEU OF PT (IAF)																							
3. FAC: <u>004.64</u> FAF: <u>WHITD</u> DIST FAF TO MAP: <u>3.96</u> THLD: <u>4.82</u>																							
4. MIN. ALT: JRGAL 2000, WHITD 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: BENWA 2800																							
MINIMUMS																							
TAKEOFF: _____				STANDARD ☒ SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A				STANDARD @											
CATEGORY =====>				A			B			C			D			E							
				DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA					
LNAV MDA				500	1	494	500	1	494	NA			NA										
CIRCLING				720	1	713	720	1	713	NA			NA										
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. SEE 8260-10																@ NA WHEN LOCAL WEATHER NOT AVAILABLE.							
CITY AND STATE ST PETERSBURG, FL				ELEVATION: 7 TDZE: 6 AIRPORT NAME: ALBERT WHITTED				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 36, AMDT 1 25 SEP 2008				SUP: AMDT: ORIG DATED 07/05/2007							

 QUALITY
2
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.

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

CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JRGAL VIA V579 NORTHBOUND.

CITY AND STATE

ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6

AIRPORT NAME:

ALBERT WHITTED

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 36, AMDT 1

25 SEP 2008

SUP:

AMDT: ORIG

DATED: 07/05/2007

QUALITY
CHECKED
2

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

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ARINC PACKET - 424-18

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAEENRT BENWA K70 W N27444675W082372913 W0047 NAR BENWA												
	SUSAEENRT JRGAL K70 W L N27351248W082362461 W0047 NAR JRGAL												
	SUSAEENRT WHITD K70 W N27404832W082372744 W0047 NAR WHITD												

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSPGK7ASPG 0 036YHN27455440W082373710W0050000007 1800018000C MNAR ALBERT WHITTED												

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSPGK7FR36 AJRGAL 010JRGALK7EA0EE CR HF 35550040 02000 18000 B JS												
	SUSAP KSPGK7FR36 R 010JRGALK7EA0E I IF 18000 B JS												
	SUSAP KSPGK7FR36 R 020WHITDK7EALEY F 051TF 35550057 + 01600 BENWA K7EAB JS												
	SUSAP KSPGK7FR36 R 020WHITDK7EA2WN N ALNAV JS												
	SUSAP KSPGK7FR36 R 030BENWAK7EA0EY M 031TF 00460040 00322 -304 B JS												
	SUSAP KSPGK7FR36 R 040JRGALK7EA0EYM R010DF + 02000 B JS												
	SUSAP KSPGK7FR36 R 050JRGALK7EA0EE HR020HM 35550040 + 02000 B JS												

RUNWAY	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSPGK7GRW36 0028640046 N27453824W082372949 -0023000005000040150R												

MSA	1	2	3	4	5	6	7	8	9	0	1	2	3
	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
	SUSAP KSPGK7SBENWAK7EA 0 18018002825 M												

CITY AND STATE
ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6
 AIRPORT NAME:
 ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, AMDT 1
 25 SEP 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2007

QUALITY
CHECKED

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JRGAL	JRGAL	010		HF	R	FB		355.5 (351T)	004.0	02000
		JRGAL	010	FACF	IF		FB				
		WHITD	020	FAF	TF		FB	0.5	355.5 (351T)	005.7	01600
		BENWA	030	MAP	TF		FO	0.3	004.6 (360T)	004.0	00322

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	JRGAL	040		DF	R	FO	1.0			02000
	JRGAL	050		HM	R	FO	2.0	355.5 (351T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BENWA	N274446.75	W0823729.13	N2744.779	W08237.486
	JRGAL	N273512.48	W0823624.61	N2735.208	W08236.410
	WHITD	N274048.32	W0823727.44	N2740.805	W08237.457
	RW36	N274538.24	W0823729.49	N2745.637	W08237.492

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00005	40

CITY AND STATE
ST PETERSBURG, FL

ELEVATION: 7 TDZE: 6
 AIRPORT NAME:
 ALBERT WHITTED

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 36, AMDT 1
 25 SEP 2008

SUP:
 AMDT: ORIG
 DATED: 07/05/2007

CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
SALER	GIVLE (FB)	133.60 / 22.57	2500	LPV: DA LNAV/VNAV: DA LNAV: RW22 CLIMB TO 2000 DIRECT ROYOP AND VIA 154.48 TRACK TO GEF VORTAC AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 334.48 INBOUND. CHART FAS OBST: 355 TREES 305436N/0835208W CHART FAS OBST: 399 TREE 305613N/0835016W CHART VDP AT 1.16 MILES TO RW22* *LNAV ONLY. WAAS CHANNEL # 69604 REFERENCE PATH ID: W22A DISTANCE TO THLD FROM 340 HAT: 0.92 NM											
OTK VOR/DME	VAYDU (FB)	303.50 / 23.74	2500												
GIVLE (IAF)	WEVOB (FB)	131.89 / 5.00	2500												
VAYDU (IAF)	WEVOB (FB)	311.97 / 5.00	2500												
WEVOB (IF)	JEXER (FB)	221.93 / 6.38	1600												
1. PT <u>NA</u> SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WEVOB 3. FAC: <u>221.88</u> FAF: <u>JEXER</u> DIST FAF TO MAP: <u>4.07</u> THLD: <u>4.07</u> 4. MIN. ALT: <u>WEVOB 2500, JEXER 1600</u> 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1600</u> GS ALT AT: <u>JEXER</u> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>59.1</u> <u>34:1 IS NOT CLEAR</u> 8. MSA FROM: <u>RW22 3300</u>				MAG VAR: 2W EPOCH YEAR: 1985											
MINIMUMS															
TAKEOFF:	☐ STANDARD	☒ X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	☐ X										
CATEGORY =====>	A		B		C		D		E						
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	582	1 1/4	340	582	1 1/4	340	582	1 1/4	340	582	1 1/4	340			
LNAV/VNAV DA	625	1 1/4	383	625	1 1/4	383	625	1 1/4	383	625	1 1/4	383			
LNAV MDA	660	3/4	418	660	3/4	418	660	1 1/4	418	660	1 1/4	418			
CIRCLING	680	1	416	720	1	456	720	1 1/2	456	840	2	576			
NOTES: CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV AND LNAV CAT C. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (119F). CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SALER VIA V35-159 NORTHWEST BOUND. SEE 8260-10															
CITY AND STATE		ELEVATION: 264 TDZE: 242		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO.:				SUP:					
THOMASVILLE, GA		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 22, ORIG				AMDT: NONE					
		THOMASVILLE REGIONAL				25 SEP 2008				DATED					

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

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NOTES CONT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OTK VOR/DME VIA V579 SOUTH BOUND.

CHART NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE VALDOSTA REGIONAL ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 100 FEET.

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

CITY AND STATE

THOMASVILLE, GA

ELEVATION: 264 TDZE: 242

AIRPORT NAME:

THOMASVILLE REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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

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

FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KTVI
RUNWAY RW22
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W22A
LTP/FTP LATITUDE 305424.5500N
LTP/FTP LONGITUDE 0835234.7200W
LTP/FTP ELLIPSOIDAL HEIGHT +00426
FPAP LATITUDE 305342.7900N
FPAP LONGITUDE 0835315.1500W
THRESHOLD CROSSING HEIGHT (TCH) 00059.1
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 94.25
LENGTH OFFSET 0000
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

424550BF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K7
LTP ORTHOMETRIC HEIGHT +00702
FPAP ORTHOMETRIC HEIGHT +00702

CITY AND STATE

THOMASVILLE, GA

ELEVATION: 264 TDZE: 242

AIRPORT NAME:

THOMASVILLE REGIONAL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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

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ARINC PACKET - 424-17[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KTVIK7FR22	AOTK	0100TK	K7D 0V	IF					18000		A	S
SUSAP	KTVIK7FR22	AOTK	020VAYDUK7EA0E	A 020TF		30350237		+ 02500				A	S
SUSAP	KTVIK7FR22	AOTK	030WEVOBK7EA0EE	010TF		31200050		+ 02500				A	S
SUSAP	KTVIK7FR22	ASALER	010SALERK7EA0E	IF						18000		A	S
SUSAP	KTVIK7FR22	ASALER	020GIVLEK7EA0E	A 020TF		13360226		+ 02500				A	S
SUSAP	KTVIK7FR22	ASALER	030WEVOBK7EA0EE	010TF		13190050		+ 02500				A	S
SUSAP	KTVIK7FR22	R	010WEVOBK7EA0E	I IF				+ 02500		18000		A	S
SUSAP	KTVIK7FR22	R	020JEXERK7EA0E	F 051TF		22190064		+ 01600			RW22	K7PGA	S
SUSAP	KTVIK7FR22	R	030RW22	K7PG0GY M 031TF		22190041		00289		-300		A	S
SUSAP	KTVIK7FR22	R	040ROYOPK7EA0E	010DF								A	S
SUSAP	KTVIK7FR22	R	050GEF	K7D 0VY 010TF		1545		+ 02000				A	S
SUSAP	KTVIK7FR22	R	060GEF	K7D 0VE HR020HM		33450040		+ 02000				A	S

[illegible]

CITY AND STATE THOMASVILLE, GA	ELEVATION: 264 TDZE: 242 AIRPORT NAME: THOMASVILLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO.: RNAV (GPS) RWY 22, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED:

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

SUSAP KTVIK7SRW22 K7PG 0 25180033 M

CITY AND STATE THOMASVILLE, GA	ELEVATION: 264 TDZE: 242 AIRPORT NAME: THOMASVILLE REGIONAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO.: RNAV (GPS) RWY 22, ORIG 25 SEP 2008	SUP:
				AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-17

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OTK	OTK	010		IF		FB				
	OTK	VAYDU	020	IAF	TF		FB	2.0	303.5 (302T)	023.7	02500
	OTK	WEVOB	030		TF		FB	1.0	312.0 (310T)	005.0	02500
	SALER	SALER	010		IF		FB				
	SALER	GIVLE	020	IAF	TF		FB	2.0	133.6 (132T)	022.6	02500
	SALER	WEVOB	030		TF		FB	1.0	131.9 (130T)	005.0	02500
		WEVOB	010	FACF	IF		FB				02500
		JEXER	020	FAF	TF		FB	0.5	221.9 (220T)	006.4	01600
		RW22	030	MAP	TF		FO	0.3	221.9 (220T)	004.1	00289

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	ROYOP	040		DF		FB	1.0			
	GEF	050		TF		FO	1.0	154.5 (153T)		02000
	GEF	060		HM	R	FO	2.0	334.5 (333T)	004.0	02000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GEF	N303304.83	W0834659.28	N3033.081	W08346.988
	OTK	N304649.60	W0831647.02	N3046.827	W08316.784
	GIVLE	N310539.35	W0834915.14	N3105.656	W08349.252
	JEXER	N305732.17	W0834932.91	N3057.536	W08349.549
	ROYOP	N304947.50	W0835702.70	N3049.792	W08357.045
	SALER	N312041.96	W0840854.58	N3120.699	W08408.910
	VAYDU	N305913.37	W0834019.58	N3059.223	W08340.326
	WEVOB	N310226.44	W0834447.21	N3102.441	W08344.787
	RW22	N305424.55	W0835234.72	N3054.409	W08352.579

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00230	59

CITY AND STATE

THOMASVILLE, GA

ELEVATION: 264

TDZE: 242

AIRPORT NAME:

THOMASVILLE REGIONAL

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO.:

RNAV (GPS) RWY 22, ORIG

25 SEP 2008

SUP:

AMDT: NONE

DATED:

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

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

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

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

MAG VAR: _____ EPOCH YEAR: _____

TAKEOFF: ☐	STANDARD ☐	SEE FAA FORM 8260-15A FOR THIS AIRPORT						ALTERNATE: 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 25 SEP 2008

CITY AND STATE BLOOMINGTON/NORMAL, IL	ELEVATION: 872	TDZE: 872	FACILITY IDENTIFIER: BMI	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: VOR RWY 11, AMDT 13, 10/27/2005	SUP
	AIRPORT NAME: CENTRAL IL REGL ARPT AT BLOOMINGTON-NORMAL				AMDT 12C
					DATE 10/19/1989

QUALITY
CHECKED
1

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30617 ; Amdt. No. 3277]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

For Examination -

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

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

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

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

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

Availability - All SIAPs are available online free of charge.

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

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

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

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

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

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

THE RULE

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

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on June 27, 2008



James J. Ballough
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

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

Part 97 - Standard Instrument Approach Procedures

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

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

2. Part 97 is amended to read as follows:

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

.....EFFECTIVE UPON PUBLICATION

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
6/16/08	TN	FAYETTEVILLE	FAYETTEVILLE MUNI	8/1598	NDB RWY 20, AMDT 4A PUBLISHED IN TL 08-15 IS HEREBY RESCINDED
6/12/08	VA	SUFFOLK	SUFFOLK EXECUTIVE	8/2048	RNAV (GPS) RWY 7, ORIG
6/12/08	PA	CARLISLE	CARLISLE	8/2055	VOR-A, ORIG
6/12/08	WA	PASCO	TRI-CITIES	8/2128	RNAV (GPS) RWY 21R, ORIG
6/13/08	AK	EEK	EEK	8/2380	RNAV (GPS) RWY 35, ORIG
6/13/08	AK	EEK	EEK	8/2381	RNAV (GPS) RWY 17, ORIG
6/13/08	CA	HEMET	HEMET-RYAN	8/2383	RNAV (GPS) RWY 5, ORIG-A
6/13/08	CA	CORONA	CORONA MUNI	8/2386	VOR OR GPS-A, AMDT 4
6/13/08	AK	SCAMMON BAY	SCAMMON BAY	8/2387	GPS RWY 10, ORIG-A
6/13/08	AK	ADAK ISLAND	ADAK	8/2389	RNAV (GPS) RWY 23, ORIG
6/13/08	AK	DEADHORSE	DEADHORSE	8/2391	ILS OR LOC/DME RWY 5, AMDT 2A
6/13/08	IL	CANTON	INGERSOLL	8/2442	NDB OR GPS RWY 36, AMDT 2A
6/13/08	GA	ATLANTA	HARTSFIELD- JACKSON ATLANTA INTL	8/2453	ILS PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL, ORIG
6/13/08	GA	ATLANTA	HARTSFIELD- JACKSON ATLANTA INTL	8/2454	ILS OR LOC RWY 9L, AMDT 8A TAKE-OFF MINIMUMS AND OBSTACLE DP, ORIG
6/16/08	FL	TITUSVILLE	DUNN AIRPARK	8/2634	RNAV (GPS) RWY 7, ORIG
6/16/08	RI	WESTERLY	WESTERLY STATE	8/2741	RNAV (GPS) RWY 5, AMDT 1
6/16/08	PA	NEW CASTLE	NEW CASTLE MUNI	8/2742	NDB RWY 23, AMDT 3
6/16/08	PA	NEW CASTLE	NEW CASTLE MUNI	8/2743	RNAV (GPS) RWY 23, AMDT 1
6/16/08	PA	NEW CASTLE	NEW CASTLE MUNI	8/2744	ILS OR LOC/DME RWY 24, AMDT 1
6/16/08	AL	BIRMINGHAM	BIRMINGHAM INTL	8/2761	GPS RWY 21, ORIG
6/16/08	NY	ENDICOTT	TRI-CITIES	8/2766	VOR OR GPS-A, AMDT 4A
6/16/08	NY	ENDICOTT	TRI-CITIES	8/2772	
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/2990	ILS OR LOC RWY 3, AMDT 2A
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/2995	ILS OR LOC RWY 19, AMDT 21
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/2998	VOR RWY 21, AMDT 13
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/2999	VOR RWY 19, AMDT 19

6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/3001	VOR RWY 3, AMDT 17
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/3002	RNAV (GPS) RWY 21, ORIG
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/3004	RNAV (GPS) RWY 3, ORIG
6/18/08	MO	KANSAS CITY	CHARLES B. WHEELER DOWNTOWN	8/3005	NDB RWY 19, AMDT 17
6/19/08	MI	KALAMAZOO	KALAMAZOO/BATTLE CREEK INTL	8/3390	VOR RWY 35, AMDT 17
6/20/08	PA	ST MARYS MUNI	ST MARYS	8/3470	LOC/DME RWY 28, AMDT 4
6/20/08	NE	ALLIANCE	ALLIANCE MUNI	8/3539	RNAV (GPS) RWY 30, ORIG
6/20/08	NE	ALLIANCE	ALLIANCE MUNI	8/3540	LOC/DME RWY 30, ORIG
6/20/08	IN	WARSAW	WARSAW MUNI	8/3569	VOR OR GPS RWY 9, AMDT 5A
6/20/08	IN	WARSAW	WARSAW MUNI	8/3570	VOR OR GPS RWY 27, AMDT 6A
6/23/08	NE	KIMBALL	KIMBALL MUNI/ROBERT E ARRAJ FIELD	8/3840	RNAV (GPS) RWY 28, ORIG
4/22/08	VA	CHASE CITY	CHASE CITY MUNI	8/3845	RNAV (GPS) RWY 36, ORIG
6/24/08	VA	QUINTON	NEW KENT COUNTY	8/4044	VOR-A, AMDT 1A
6/25/08	VA	RICHMOND	RICHMOND INTL	8/4245	RNAV (GPS) RWY 16, ORIG
6/25/08	VA	MARION/WYTHEVILLE	MOUTAIN ENPIRE	8/4246	LOC RWY 26, AMDT 1A
5/31/08	NV	LAS VEGAS	NORTH LAS VEGAS	8/9076	ILS OR LOC RWY 12L, ORIG-A. THIS NOTAM PUBLISHED IN TL08-15 IS HEREBY RESCINDED IN ITS' ENTIRETY.
5/31/08	NY	ALBANY	ALBANY INTL	8/9709	ILS OR LOC RWY 19, AMDT 22. THIS NOTAM PUBLISHED IN TL08-15 IS HEREBY RESCINDED IN ITS' ENTIRETY.

FDC 8/2048 SFQ FI/P SUFFOLK EXECUTIVE, SUFFOLK, VA. RNAV (GPS) RWY 7, ORIG...DISTANCE IDZAT TO RWY 7: 4.71 ADDITIONAL FLIGHT DATA: IDZAT TO RWY 7: 2.98/40 THIS IS RNAV (GPS) RWY 7, ORIG-A.

FDC 8/2055 N94 FI/P CARLISLE, CARLISLE, PA. VOR-A, ORIG...DME MINIMUMS: CIRCLING MDA 1200/HAA 690 ALL CATS. VISIBILITY CAT C 2. THIS IS VOR-A, ORIG-A.

FDC 8/2128 PSC FI/P TRI-CITIES, PASCO, WA. RNAV (GPS) RWY 21R, ORIG...LPV DA 680/HAT 276 ALL CATS LNAV/VNAV DA 797/HAT 393 ALL CATS CIRCLING CAT C MDA 900/HAA 490. THIS IS RNAV (GPS) RWY 21R, ORIG-A.

FDC 8/2380 EEK FI/P EEK, EEK, AK. RNAV (GPS) RWY 35, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 35, ORIG-A.

FDC 8/2381 EEK FI/P EEK, EEK, AK. RNAV (GPS) RWY 17, ORIG...DELETE NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 17, ORIG-A.

FDC 8/2383 HMT FI/P HEMET-RYAN, HEMET, CA. RNAV (GPS) RWY 5, ORIG-A...DELETE: GPS OR RNP 0.3 REQUIRED. MISSED APPROACH: CLIMB TO 2500, THEN CLIMBING LEFT TURN TO 7900 DIRECT SETER AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7900. THIS IS RNAV (GPS) RWY 5, ORIG-B.

FDC 8/2386 AJO FI/P CORONA MUNI, CORONA, CA. VOR OR GPS-A, AMDT 4...HOLD E PDZ VORTAC, RT, 258.00 INBOUND, 3100 FT IN LIEU OF PT (IAF) CIRCLING CATS A/B 1660 / HAA 1127. CAT B VIS 1 1/2. DELETE NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO ALTIMETER SETTING MINIMA. DELETE: ONTARIO ALTIMETER SETTING MINIMA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ONTARIO INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. MISSED APPROACH: CLIMBING RIGHT TURN TO 3100 DIRECT PDZ VORTAC AND HOLD, CONTINUE CLIMB IN HOLD TO 3100. THIS IS VOR OR GPS A, AMDT 4A.

FDC 8/2387 SCM FI/P SCAMMON BAY, SCAMMON BAY, AK. GPS RWY 10, ORIG-A...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS GPS RWY 10, ORIG-B.

FDC 8/2389 ADK FI/P ADAK, ADAK ISLAND, AK. RNAV (GPS) RWY 23, ORIG...CIRCLING CAT D MDA 1540 / HAA 1522. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. ALTERNATE MINIMUMS CATS A/B/C 1300-3, CAT D 1600-3. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 8/2391 SCC FI/P DEADHORSE, DEADHORSE, AK. ILS OR LOC/DME RWY 5, AMDT 2A...DELETE ASTERISK FROM S-ILS 5 LINE OF MINIMUMS. DELETE NOTE: (ASTERISK) VISIBILITY CATS A/B/C/D, RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. THIS IS ILS OR LOC/DME RWY 5, AMDT 2B.

FDC 8/2442 CTK FI/P INGERSOLL, CANTON, IL. NDB OR GPS RWY 36, AMDT 2A...CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREATER PEORIA ALTIMETER SETTING. DELETE ALL REFERENCE TO (AZOGO) CHART TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE SYMBOL THIS IS NDB RWY 36, AMDT 2B.

FDC 8/2453 ATL FI/P HARTSFIELD - JACKSON ATLANTA INTL, ATLANTA, GA. ILS PRM RWY 9L (SIMULTANEOUS CLOSE PARALLEL), ORIG...S-ILS 9L VISIBILITY RVR 2400 ALL CATS. CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 9L LINE OF MINIMUMS. THIS IS ILS PRM RWY 9L(SIMULTANEOUS CLOSE PARALLEL)ORIG-A.

FDC 8/2454 ATL FI/P HARTSFIELD - JACKSON ATLANTA INTL, ATLANTA, GA. ILS OR LOC RWY 9L, AMDT 8A...S-ILS 9L VISIBILITY RVR 2400 ALL CATS. CHART NOTE: RVR 1800 AUTHORIZED WITH THE USE OF FD OR AP OR HUD TO DA. ADD ATTENTION SYMBOL TO MAKE NOTE APPLY TO S-ILS 9L LINE OF MINIMUMS. THIS IS ILS OR LOC RWY 9L, AMDT 8B.

FDC 8/2634 X21 FI/P AUTHUR DUNN AIRPARK, TITUSVILLE, FL. TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1...TAKE-OFF MINIMUMS RWY 15, 700-2 OR STD WITH A MINIMUM CLIMB OF 350 FEET PER MILE TO 700. NOTE: MULTIPLE TOWERS BEGINNING 1.52 NM FROM DEPARTURE END OF RUNWAY, 1140 FEET LEFT OF CENTERLINE, UP TO 399 FEET AGL/419 FEET MSL. TAKE-OFF RWY 33: STANDARD. THIS IS TAKE-OFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A.

FDC 8/2741 WST FI/P WESTERLY STATE, WESTERLY, RI. RNAV (GPS) RWY 7, ORIG...DELETE NOTE: GPS OR RNP-0.3 REQUIRED. MISSED APPROACH: CLIMBING LEFT TURN TO 2100 DIRECT LAFAY AND HOLD. THIS IS RNAV (GPS) RWY 7, ORIG-A.

FDC 8/2742 UCP FI/P NEW CASTLE MUNI, NEW CASTLE, PA. RNAV (GPS) RWY 5, AMDT 1...CIRCLING CATS B/C MDA 1700/HAA 630. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN/WARREN RGNL ALTIMETER SETTING AND INCREASE DA TO 1368 AND ALL MDAS 80 FEET. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN/WARREN ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET AND LPV ALL CATS, LNAV CAT C, AND CIRCLING CAT C VISIBILITIES 1/4 MILE. THIS IS RNAV (GPS) RWY 5, AMDT 1A.

FDC 8/2743 UCP FI/P NEW CASTLE MUNI, NEW CASTLE, PA. NDB RWY 23, AMDT 3...S-23 HAT 973 ALL CATS. CIRCLING HAA 930 ALL CATS. DELETE NOTE: USE YOUNGSTOWN/WARREN ALTIMETER SETTING; IF NOT RECEIVED, USE BUTLER COUNTY/K.W. SCHOLTER FIELD ALTIMETER SETTING AND INCREASE ALL MDAS 40 FEET. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN/WARREN ALTIMETER SETTING. CHART TDZE 1027. CHART APT ELEV 1070. THIS IS NDB RWY 23, AMDT 3A.

FDC 8/2744 UCP FI/P NEW CASTLE MUNI, NEW CASTLE, PA. RNAV (GPS) RWY 23, AMDT 1...CIRCLING CATS B/C MDA 1700/HAA 630. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN/WARREN RGNL ALTIMETER SETTING AND INCREASE DA TO 1349 AND ALL MDAS 80 FEET. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE YOUNGSTOWN/WARREN ALTIMETER SETTING AND INCREASE ALL DA 61 FEET AND ALL MDA 80 FEET AND LPV ALL CATS, LNAV CAT C, AND CIRCLING CAT C VISIBILITIES 1/4 MILE. THIS IS RNAV (GPS) RWY 23, AMDT 1A.

FDC 8/2761 BHM FI/P BIRMINGHAM INTL, BIRMINGHAM, AL. ILS OR LOC/DME RWY 24, AMDT 1...DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY. ADD NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 24 ALL CATS VISIBILITY TO 1 1/2, AND S-LOC 24 CATS A AND B VISIBILITY TO RVR 5000. CHART TDG 25.9 DME AT SPATT IN PLANVIEW ONLY. AIRPORT ELEVATION 650. THIS IS ILS OR LOC/DME RWY 24, AMDT 1A.

FDC 8/2766 CZG FI/P TRI-CITIES, ENDICOTT, NY. GPS RWY 21, ORIG...CIRCLING: CAT C MDA 2040/HAA 1207. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREATER BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, AND S-21 CAT B/C VISIBILITY 1/4 MILE. ADD NOTE: CIRCLING TO RWY 3 NA AT NIGHT. THIS IS GPS RWY 21, ORIG-A.

FDC 8/2772 CZG FI/P TRI-CITIES, ENDICOTT, NY. VOR OR GPS A, AMDT 4A...DME MINIMUMS: CIRCLING CAT A/B MDA 2000/HAA 1167, CAT C MDA 2040/HAA 1207. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREATER BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BINGHAMTON ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET. ADD NOTE: CIRCLING TO RWY 3 NA AT NIGHT. THIS IS VOR OR GPS A, AMDT 4B.

FDC 8/2990 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 3, AMDT 2A...S-ILS 3 CAT C/D NA. S-LOC 3 CAT C/D NA. KOCER FIX MINIMUMS: S-LOC 3 CAT C/D NA. DELETE NOTE: CIRCLING NOT AUTHORIZED SE OF RWYS 1 AND 21. ADD NOTE: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS ILS OR LOC RWY 3, AMDT 2B.

FDC 8/2995 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. ILS OR LOC RWY 19, AMDT 21...CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS ILS OR LOC RWY 19, AMDT 21A.

FDC 8/2998 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. VOR RWY 21, AMDT 13...S-21 CAT C/D MINIMUMS NA CABBS FIX MINIMUMS: S-21 MDA 1320/HAT 576 CATS A/B, CATS C/D NA. CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS VOR RWY 21, AMDT 13A.

FDC 8/2999 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. VOR RWY 19, AMDT 19...CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS VOR RWY 19, AMDT 19A.

FDC 8/3001 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. VOR RWY 3, AMDT 17...S-3 CAT C/D MINIMUMS NA REYBO FIX MINIMUMS: S-3 CAT C/D MINIMUMS NA. CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS VOR RWY 3, AMDT 17A.

FDC 8/3002 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. RNAV (GPS) RWY 21, ORIG...LNAV MDA CAT C/D MINIMUMS NA. CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS RNAV (GPS) RWY 21, ORIG-A.

FDC 8/3004 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. RNAV (GPS) RWY 3, ORIG...LPV DA CAT C/D MINIMUMS NA. LNAV MDA CAT C/D MINIMUMS NA. CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS RNAV (GPS) RWY 3, ORIG-A.

FDC 8/3005 MKC FI/P CHARLES B. WHEELER DOWNTOWN, KANSAS CITY, MO. NDB RWY 19, AMDT 17...CHANGE NOTE TO READ: CIRCLING NA EAST OF RUNWAYS 1 AND 19. CIRCLING CAT C/D NA RWY 3. THIS IS NDB RWY 19, AMDT 17A.

FDC 8/3390 AZO FI/P KALAMAZOO/BATTLE CREEK INTL, KALAMAZOO, MI. VOR RWY 35, AMDT 17...CORRECT PROFILE VIEW: CHANGE MAP TO AZO 0.8 DME.

FDC 8/3470 OYM FI/P ST MARYS MUNI, ST MARYS, PA. LOC/DME RWY 28, AMDT 4...S-28 VIS CAT A 1. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO CATS B AND C. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE: VDP I-OYM 3.2 DME. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: VDP NA WHEN USING BRADFORD ALTIMETER SETTING. THIS IS LOC/DME RWY 28, AMDT 4A.

FDC 8/3539 AIA FI/P ALLIANCE MUNI, ALLIANCE, NE. RNAV (GPS) RWY 30, ORIG...CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 30, ORIG-A.

FDC 8/3540 AIA FI/P ALLIANCE MUNI, ALLIANCE, NE. LOC/DME RWY 30, ORIG...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS LOC/DME RWY 30, ORIG-A.

FDC 8/3569 ASW FI/P WARSAW MUNI, WARSAW, IN. VOR OR GPS RWY 9, AMDT 5A...CHART APT ELEV: 850, TDZ ELEV: 848 S-9 HAT 474 ALL CATS. CIRCLING HAA CATS A/B/C 490, CAT D 550. MSA FROM WOLF LAKE (OLK) VOR 2700. THIS IS VOR OR GPS RWY 9, AMDT 5B.

FDC 8/3570 ASW FI/P WARSAW MUNI, WARSAW, IN. VOR OR GPS RWY 27, AMDT 6A...CHART APT ELEV: 850, TDZ ELEV: 848 S-27 MDA 1460/HAT 612 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING MDA 1460/HAA 610 ALL CATS. VIS CAT C 1 3/4. MSA FROM WOLF LAKE (OLK) VOR 2700. THIS IS VOR OR GPS RWY 27, AMDT 6B.

FDC 8/3840 IBM FI/P KIMBALL MUNI/ROBERT E ARRAJ FIELD, KIMBALL, NE. RNAV (GPS) RWY 28, ORIG...LPV DA 5255/HAT 347 CATS A, B, C, D. VISIBILITY 1 1/4 CATS A, B, C, D. LNAV MDA 5380/HAT 472 CATS A, B, C, D. VISIBILITY CAT C 1 1/4, CAT D 1 1/2. CIRCLING MDA CAT A 5380/HAA 454. DISTANCE TO THLD FROM 347 HAT 0.99 NM. THIS IS RNAV (GPS) RWY 28, ORIG-A.

FDC 8/3845 CXE FI/P CHASE CITY MUNI, CHASE CITY, VA. RNAV (GPS) RWY 36, ORIG...DELETE NOTE: PROCEDURE NA FOR ARRIVAL AT NOKIY VIA V454 NORTHEAST BOUND. DELETE TERMINAL ROUTE NOKIY TO FILOV. THIS IS RNAV (GPS) RWY 36, ORIG-A.

FDC 8/4044 W96 FI/P NEW KENT COUNTY, QUINTON, VA. VOR A, AMDT 1A...CIRCLING MDA 660/HAA 537 ALL CATS. MSA FROM HPW VORTAC 360-270 2000, 270-360 2600. THIS IS VOR A, AMDT 1B.

FDC 8/4245 RIC FI/P RICHMOND INTL, RICHMOND, VA. RNAV (GPS) RWY 16, ORIG...LNAV/VNAV DA 605/HAT 438 ALL CATS. CIRCLING VIS CAT A/B 1. DELETE NOTES: GPS OR RNP-0.3 REQUIRED AND BARO-VNAV NA BELOW -15C (5 F). CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5 F) OR ABOVE 49C (120F). THIS IS RNAV (GPS) RWY 16, ORIG-A.

FDC 8/4246 MKJ FI/P MOUNTAIN EMPIRE, MARION/WYTHEVILLE, VA. LOC RWY 26, AMDT 1A...S-26 HAT 561 ALL CATS CIRCLING: HAA 702 ALL CATS CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TWIN COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET, S-26 CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT B/C VISIBILITY 1/4 MILE. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT PSK VORTAC VIA AIRWAY RADIALS 192 CW 306. CHART: AIRPORT ELEVATION 2558 CHART: TDZE 2519 CHANGE SUZZE NDB TO RW26 DISTANCE FROM 5 NM TO 4.9 NM. NDB TO RW26: 3.73/TCH 47 THIS IS LOC RWY 26, AMDT 1B.