U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 13-25 **October 25, 2013**

**PREPARED BY THE PRODUCT SUPPORT GROUP, AJV-34
(AVAILABLE ON THE WEB AT HTTP://NFDC.FAA.GOV)**

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

The following are corrected copies of procedures that were previously published in TL 13-23 and TL 13-24.

Red Bluff, CA, Red Bluff Muni, VOR/DME RWY 15, Amdt 8
Reno, NV, Reno/Tahoe Intl, RNAV (RNP) Y RWY 16L, Amdt 1
The Dalles, OR, Columbia Gorge Rgnl/The Dalles Muni, Copter LDA/DME RWY 25, Amdt 1
The Dalles, OR, Columbia Gorge Rgnl/The Dalles Muni, LDA/DME RWY 25, Amdt 1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RBL VORTAC	CABBE/9.00 DME	328.89 / 9.00	3000
HOMAN/19.00 DME CCW (IAF)	GIBGE/19.00 DME (NOPT)	19.00 DME ARC	3000
BEIRA/25.91 DME (IAF)	GIBGE/19.00 DME (NOPT)	100.00 / 2.69 (HDG) & 148.89 / 5.06 (RBL R-329)	3000
GIBGE/19.00 DME (IF)	CABBE/9.00 DME	148.89 / 10.00 (RBL R-329)	2100

MISSED APPROACH

MAP: RBL 3.61 DME FIX

CLIMB TO 2000 DIRECT RBL VORTAC AND HOLD.

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 13-24

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 341.00 INBOUND.
CHART FAS OBST: 629 TREE 401147N/1221733W
CHART (CFFKK) AT INTERSECTION OF BEIRA DR LEG AND INTERMEDIATE COURSE.
CHART RBL R-357 AT HOMAN.
CABBE TO RW15: 2.99/40
810 AAO 401512N/1221656W
CHART VDP AT 5.16 DME
DISTANCE VDP TO THLD 1.55 MILES

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW CABBE, LT, 148.89 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC 148.89 FAF CABBE/9.00 DME DIST FAF TO MAP ____ THLD 5.39
4. MIN. ALT CABBE 2100, JABGU/RBL 5.80 DME 1080
8. MSA FROM: RBL VORTAC 360-090 7100, 090-180 5200, 180-270 9300, 270-360 5500

MAG VAR: 17E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-15	880	1	533	880	1	533	880	1 1/2	533	880	1 1/2	533			
CIRCLING	880	1	528	880	1	528	900	1 1/2	548	1060	2 1/4	708			

NOTES:

CHART NOTE: CIRCLING TO RWY 33 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE REDDING ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET AND ALL CAT C/D VISIBILITIES 1/4 MILE.
CHART NOTE: VDP NA WITH REDDING ALTIMETER SETTING.

@ CAT D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 11 CHECKED

CITY AND STATE	ELEVATION: 352 THRE: 347 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
RED BLUFF, CA	RED BLUFF MUNI	RBL	VOR/DME RWY 15, AMDT 8 12 DECEMBER 2013	AMDT 7 DATE 09/25/2008

US 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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VIKES (IAF)	CANYA (TF) (FB) (RNP 1.00)	335.67 / 11.97	9500
CANYA (IF)	GOYET (TF) (FB) (RNP 1.00)	335.64 / 5.00	8000
GOYET	HOMES (RF) (FB) (RNP 0.70)	(2.90 NM RADIUS CCW (CFFKL))/1.40	7700
KLOCK (IF)	ICEYA (TF) (FB) (RNP 1.00)	308.03 / 3.16	9000
ICEYA	HOMES (TF) (FB) (RNP 1.00)	307.99 / 4.14	7700
(SEE FORM 8260-10)			

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 13-23

MISSED APPROACH

RNP: DA

CLIMB TO 13000 ON TRACK 164.11 TO ZIDGO AND ON TRACK 180.55 TO USINE AND ON TRACK 124.37 TO YARKU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. *PROFILE STARTS AT HOMES*
3. FAC: % FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: *HOMES 7700, WORTH 6400*
5. DIST TO THLD FROM OM: 6.00 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6400 GS ALT AT: WORTH 6400, URATE 5445 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 75.0 # 34:1 IS NOT CLEAR
8. MSA FROM: RW16L 12000

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 346.76 INBOUND.
CHART 4501 TOWER 393127N/1194557W
CHART 4458 TREE 393102N/1194605W.
CHART 4490 TREE 393112N/1194554W.
CHART 4497 POLE 393118N/1194553W.
CHART 4454 ROD ON POLE 393101N/1194558W.
CHART 4458 POLE 393101N/1194557W.
DISTANCE TO THLD FROM 377 HATH: 0.95 NM.
ROUTE TYPE QUALIFIER 1: F
ROUTE TYPE QUALIFIER 2: S
ROUTE TYPE: A, H
#TCH 4489.8 MSL (DO NOT CHART)

MAG VAR: 16E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: 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
AUTHORIZATION REQUIRED															
*RNP 0.12 DA	4792	1 1/8	377	4792	1 1/8	377	4792	1 1/8	377	4792	1 1/8	377			
RNP 0.30 DA	5127	2 1/2	712	5127	2 1/2	712	5127	2 1/2	712	5127	2 1/2	712			

NOTES:
CHART NOTE: *MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 252 FEET PER NM TO 7200.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 44C (111F).
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RF REQUIRED.
(SEE FORM 8260-10)

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

CITY AND STATE	ELEVATION: 4415 THRE: 4415 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	RENO/TAHOE INTL	RNAV	RNAV (RNP) Y RWY 16L, AMDT 1 14 NOVEMBER 2013	AMDT: ORIG DATED 06/30/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOMES	WORTH (RF) (FB) (RNP 0.60)	(2.90 NM RADIUS CCW (CFFKL))/4.28	6400
WORTH (FAF)	%URATE (RF) (FB)	(2.90 NM RADIUS CCW (CFFKL))/3.00	
URATE	%RW16L (MAP) (TF) (FO)	164.11 / 3.00	
RW16L (MAP)	ZIDGO (TF) (FB) (RNP 1.00)	164.11 / 8.77	
ZIDGO	USINE (TF) (FB) (RNP 1.00)	180.55 / 6.72	
USINE	YARKU (TF) (FO) (RNP 1.00)	124.37 / 9.36	13000

NOTES, (CONT.):
CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT HOMES : MAX 180 KIAS.
CHART PLANVIEW NOTE AT GOYET : MAX 180 KIAS.
CHART PLANVIEW NOTE AT VIKES: (RNP 0.60).
CHART PLANVIEW NOTE AT KLOCK: (RNP 0.60).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VIKES ON V494 SOUTHWEST BOUND.

CITY AND STATE	ELEVATION: 4415 THRE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (RNP) Y RWY 16L, AMDT 1 14 NOVEMBER 2013	AMDT: ORIG
				DATED: 06/30/2011

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

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ARINC PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CANYA K20    W     N39291764W119373563                    E0138     NAR           CANYA
        SUSAEAENRT   CFFKL K20    W     N39334958W119421475                    E0139     NAR           CNF(CFFKL)
        SUSAEAENRT   GOYET K20    W     N39341499W119383209                    E0139     NAR           GOYET
        SUSAEAENRT   HOMES K20    W     N39353211W119391277                    E0139     NAR           HOMES
        SUSAEAENRT   ICEYA K20    W     N39321097W119360380                    E0138     NAR           ICEYA
        SUSAEAENRT   KLOCK K20    W     N39293760W119334004                    E0138     NAR           KLOCK
        SUSAEAENRT   URATE K20    W     N39334997W119455982                    E0139     NAR           URATE
        SUSAEAENRT   USINE K20    W     N39153611W119482949                    E0138     NAR           USINE
        SUSAEAENRT   VIKES K20    C   L N39172659W119352123                    E0138     NAR           VIKES
        SUSAEAENRT   WORTH K20    W     N39361942W119440956                    E0139     NAR           WORTH
        SUSAEAENRT   YARKU K20    C   L N39082293W119404912                    E0138     NAR           YARKU
        SUSAEAENRT   ZIDGO K20    W     N39220316W119460157                    E0138     NAR           ZIDGO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2ARNO     0     110YHN39295680W119460520E016004415         1800018000C    MNAR    RENO/TAHOE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRNOK2FH16LY AKLOCK 010KLOCKK2EA0E  B    IF                                                18000                 A FS
        SUSAP KRNOK2FH16LY AKLOCK 020ICEYAK2EA0E    010TF                                          + 09000                      A FS
        SUSAP KRNOK2FH16LY AKLOCK 030HOMESK2EA0E    010TF                                          + 07700          180         A-FS
        SUSAP KRNOK2FH16LY AKLOCK 040WORTHK2EA0EE  L061RF       0029003080    22340043    + 06400                  CFFKL K2EAA FS
        SUSAP KRNOK2FH16LY AVIKES 010VIKESK2EA0E  A    IF                                                18000                 A FS
        SUSAP KRNOK2FH16LY AVIKES 020CANYAK2EA0E  B 010TF                                          + 09500                      A FS
        SUSAP KRNOK2FH16LY AVIKES 030GOYETK2EA0E    010TF                                          + 08000          180         A-FS
        SUSAP KRNOK2FH16LY AVIKES 040HOMESK2EA0E   L071RF       0029003356    30800014    + 07700          180    CFFKL K2EAA-FS
        SUSAP KRNOK2FH16LY AVIKES 050WORTHK2EA0EE  L061RF       0029003080    22340043    + 06400                  CFFKL K2EAA FS
        SUSAP KRNOK2FH16LY H      020WORTHK2EA1E  F    IF                                          + 06400     18000        RW16L K2PGA FS
        SUSAP KRNOK2FH16LY H      020WORTHK2EA2W                                                       A031A122                     FS
        SUSAP KRNOK2FH16LY H      021URATEK2EA0E   L031RF       0029002234    16410030                          -300CFFKL K2EAA FS
        SUSAP KRNOK2FH16LY H      030RW16LK2PG0GY M 031TF                                            04490            -300         A FS
        SUSAP KRNOK2FH16LY H      040ZIDGOK2EA0E M  010TF                                                                         A FS
        SUSAP KRNOK2FH16LY H      050USINEK2EA0E    010TF                                                                         A FS
        SUSAP KRNOK2FH16LY H      060YARKUK2EA0EY   010TF                                          + 13000                      A FS
        SUSAP KRNOK2FH16LY H      070YARKUK2EA0EE  R   HM                     34680080    + 13000                      A FS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 4415 THRE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (RNP) Y RWY 16L, AMDT 1 14 NOVEMBER 2013	AMDT: ORIG DATED: 06/30/2011

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```
SUSAP KRNOK2GRW16L   0090001641 N39304982W119460026-0100    +13215044150000551 50R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KRNOK2SRW16LK2PG              0   18018012025                                                                          M
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CITY AND STATE	ELEVATION: 4415 THRE: 4415	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: RENO/TAHOE INTL	RNAV	RNAV (RNP) Y RWY 16L, AMDT 1 14 NOVEMBER 2013	AMDT: ORIG DATED: 06/30/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KLOCK	KLOCK	010		IF		FB					
	KLOCK	ICEYA	020		TF		FB	1.0			AA 09000	
	KLOCK	HOMES	030		TF		FB	1.0			AA 07700	AB 180
	KLOCK	WORTH	040		RF	L	FB	0.6		004.3	AA 06400	
	VIKES	VIKES	010	IAF	IF		FB					
	VIKES	CANYA	020		TF		FB	1.0			AA 09500	
	VIKES	GOYET	030		TF		FB	1.0			AA 08000	AB 180
	VIKES	HOMES	040		RF	L	FB	0.7		001.4	AA 07700	AB 180
	VIKES	WORTH	050		RF	L	FB	0.6		004.3	AA 06400	
		WORTH	020	FAF	IF		FB				AA 06400	
		URATE	021		RF	L	FB	0.3		003.0		
		RW16L	030	MAP	TF		FO	0.3			AT 04490	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZIDGO	040		TF		FB	1.0				
	USINE	050		TF		FB	1.0				
	YARKU	060		TF		FO	1.0			AA 13000	
	YARKU	070		HM	R	FO		346.8(002.8T)	008.0	AA 13000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CANYA	N392917.64	W1193735.63	N3929.294	W11937.594
	CFFKL	N393349.58	W1194214.75	N3933.826	W11942.246
	GOYET	N393414.99	W1193832.09	N3934.250	W11938.535
	HOMES	N393532.11	W1193912.77	N3935.535	W11939.213
	ICEYA	N393210.97	W1193603.80	N3932.183	W11936.063
	KLOCK	N392937.60	W1193340.04	N3929.627	W11933.667
	URATE	N393349.97	W1194559.82	N3933.833	W11945.997
	USINE	N391536.11	W1194829.49	N3915.602	W11948.492
	VIKES	N391726.59	W1193521.23	N3917.443	W11935.354
	WORTH	N393619.42	W1194409.56	N3936.324	W11944.159
	YARKU	N390822.93	W1194049.12	N3908.382	W11940.819
	ZIDGO	N392203.16	W1194601.57	N3922.053	W11946.026
	RW16L	N393049.82	W1194600.26	N3930.830	W11946.004

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW16L	04415	55

CITY AND STATE	ELEVATION: **4415** **THRE: 4415**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RENO, NV	AIRPORT NAME: **RENO/TAHOE INTL**	**RNAV**	**RNAV (RNP) Y RWY 16L, AMDT 1** 14 NOVEMBER 2013	AMDT: **ORIG**
				DATED: **06/30/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

COPTER LDA/DME - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.25

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VECCU/I-DLS 13.01 DME (IF/IAF)	CITAV/I-DLS 10.47 DME	238.03 / 2.54 (I-DLS)	4500
CITAV/I-DLS 10.47 DME	LIREY/I-DLS 7.98 DME	238.03 / 2.50 (I-DLS)	3800

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 13-23

MISSED APPROACH

LDA/GS: DA

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 7000 ON HEADING 125 AND LTJ VOR/DME R-165 TO JIREN/LTJ 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 344.70 INBOUND.
CHART IN PLANVIEW LTJ 10.03 DME AT VECCU.
FAC CROSSES RWY C/L EXTENDED 3004 FROM THLD.
FINAL APP COURSE OFFSET 14.98 DEGREES

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE VECCU, RT, 238.03 INBOUND, 5300 FT. IN LIEU OF PT (IAF)
3. FAC: 238.03 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VECCU 5300, CITAV 4500, LIREY 3800
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 530
6. MIN GS INCPT: 3800 GS ALT AT: LIREY 3800 OM: - MM: - IM: -
7. GS ANGLE: 4.20 TCH: 42.5
8. MSA FROM: LTJ VOR/DME 355-085 7100, 085-175 6800, 175-265 12600, 265-355 13600 (30 NM)

MAG VAR: 15E EPOCH YEAR: 2015

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	COPTER														
	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-25	783	1 1/2	540												

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: GLIDE SLOPE PROVIDED BY STANDARD GLIDE SLOPE EQUIPMENT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT VECCU ON V112 WESTBOUND.
CHART PLANVIEW NOTE: LDA/GLIDE SLOPE
(SEE FORM 8260-10)

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 247 THRE: 243 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
THE DALLES, OR	COLUMBIA GORGE RGNL/THE DALLES MUNI	I-DLS	COPTER LDA/DME RWY 25, AMDT 1	AMDT: ORIG
			12 DECEMBER 2013	DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

COPTER LDA/DME - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.25

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NOTES, (CONT.):
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.
CHART PROFILE NOTE: USE I-DLS DME WHEN ON THE LOCALIZER COURSE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
THE DALLES, OR	**ELEVATION: 247** **THRE: 243** AIRPORT NAME: **COLUMBIA GORGE RGNL/THE DALLES MUNI**	**I-DLS**	**COPTER LDA/DME RWY 25, AMDT 1** 12 DECEMBER 2013	SUP: AMDT: **ORIG** DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

LDA/DME - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VECCU/I-DLS 13.01 DME (IF/IAF)	CITAV/I-DLS 10.47 DME	238.03 / 2.54 (I-DLS)	4500
CITAV/I-DLS 10.47 DME	LIREY/I-DLS 7.98 DME	238.03 / 2.50 (I-DLS)	3800 →

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 13-23

MISSED APPROACH

LDA/GS: DA

CLIMB TO 1600 THEN CLIMBING LEFT TURN TO 7000 ON HEADING 120 AND LTJ VOR/DME R-165 TO JIREN/LTJ 15.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 344.70 INBOUND.
FAC CROSSES RWY C/L EXTENDED 3004 FROM THLD.
CHART IN PLANVIEW: LTJ 10.03 DME AT VECCU
FINAL APP COURSE OFFSET 14.98 DEGREES

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE VECCU, RT, 238.03 INBOUND, 5300 FT. IN LIEU OF PT (IAF)
3. FAC: 238.03 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VECCU 5300, CITAV 4500, LIREY 3800
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 530
6. MIN GS INCPT: 3800 GS ALT AT: LIREY 3800 OM: - MM: - IM: -
7. GS ANGLE: 4.20 TCH: 42.5
8. MSA FROM: LTJ VOR/DME 355-085 7100, 085-175 6800, 175-265 12600, 265-355 13600 (30 NM)

MAG VAR: 15E ← EPOCH YEAR: 2015 ←

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-LDA/GS 25	1368	3	1125	1368	3	1125		NA			NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: GLIDE SLOPE PROVIDED BY STANDARD GLIDE SLOPE EQUIPMENT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT VECCU ON V112 WESTBOUND.
(SEE FORM 8260-10)

4

CITY AND STATE	ELEVATION: 247 THRE: 243 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
THE DALLES, OR	COLUMBIA GORGE RGNL/THE DALLES MUNI	I-DLS	LDA/DME RWY 25, AMDT 1 12 DECEMBER 2013	AMDT: ORIG-A DATED 07/29/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LDA/DME - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.25

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: LDA/GLIDE SLOPE
CHART PROFILE NOTE: USE I-DLS DME WHEN ON THE LOCALIZER COURSE.

CITY AND STATE	ELEVATION: 247 THRE: 243 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
THE DALLES, OR	COLUMBIA GORGE RGNL/THE DALLES MUNI	I-DLS	LDA/DME RWY 25, AMDT 1 12 DECEMBER 2013	AMDT: ORIG-A DATED: 07/29/2010

ARINC PACKET - 424-18 - LDA

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LTJ   K1011230VDHA N45424890W121060300    N45424890W121060300E0210032202     NARKLICKITAT
        SUSAD KDLSK1 IDLS  K1010935 IT                    IDLSN45370580W121094540     002490     NARCOLUMBIA GORGE RGNL/THE DALLES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JIREN K10    R   L N45275352W121081001                    E0155     NAR           JIREN
        SUSAEAENRT   VECCU K10    R   L N45405327W120520064                    E0155     NAR           VECCU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1ADLS     0     050YHN45370968W121100579E015000247         1800018000C    MNAR    COLUMBIA GORGE RGNL/THE DALLES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1CCITAV K10    R     N45400928W120552873                    E0155     NAR           CITAV
        SUSAP KDLSK1CLIREY K10    R     N45392592W120585334                    E0155     NAR           LIREY
        SUSAP KDLSK1CMX25  K10    R     N45371744W121085604                    E0156     NAR           MX25

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1FX25   AVECCU 010VECCUK1EA0E  AR   HF                    2380T010    + 05300     18000                0 DS
        SUSAP KDLSK1FX25   AVECCU 020CITAVK1PC0EE       CF IDLSK1      0580010423800025PI  + 04500                          0 DS
        SUSAP KDLSK1FX25   X      010CITAVK1PC0E   I    IF IDLSK1      05800104         PI  + 04500     18000                0 DS
        SUSAP KDLSK1FX25   X      020LIREYK1PC0E   F    CF IDLSK1      0580007923800025PI  + 03800                LTJ   K1D 0 DS
        SUSAP KDLSK1FX25   X      030MX25 K1PC0EY M    CF IDLSK1      0580000623800074PI    00499              -420           0 DS
        SUSAP KDLSK1FX25   X      040          0  M     CA                    2380        + 01600                          0 DS
        SUSAP KDLSK1FX25   X      050          0    L   VIY                   1200                                         0 DS
        SUSAP KDLSK1FX25   X      060JIRENK1EA0EY       CF LTJ K1      1647015016470040D   + 07000                          0 DS
        SUSAP KDLSK1FX25   X      070JIRENK1EA0EE  L    HM                    3447T010    + 07000                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1GRW25     0046472530 N45371642W121093828-0700     +00526002430196431001IDLSL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 247 THRE: 243	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
THE DALLES, OR	AIRPORT NAME: **COLUMBIA GORGE RGNL/THE DALLES MUNI**	**I-DLS**	**LDA/DME RWY 25, AMDT 1** 12 DECEMBER 2013	AMDT: **ORIG-A**
				DATED: **07/29/2010**

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        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1IIDLSL   010935RW25 N45370730W1210943472380N45370550W1210945204050-05300600420E01504300249
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDLSK1SLTJ  K1D                 0   085175136301752650713026535506830355085126 30                                  M
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CITY AND STATE	ELEVATION: 247 THRE: 243	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
THE DALLES, OR	AIRPORT NAME: COLUMBIA GORGE RGNL/THE DALLES MUNI	I-DLS	LDA/DME RWY 25, AMDT 1 12 DECEMBER 2013	AMDT: ORIG-A DATED: 07/29/2010

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

ARINC SUMMARY - 424-18 - LDA

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	VECCU	VECCU	010	IAF	HF	R	FO		238.0()	T01.0	AA 05300	
	VECCU	CITAV	020		CF		FB		238.0()	002.5	AA 04500	
		CITAV	010	FACF	IF		FB				AA 04500	
		LIREY	020	FAF	CF		FB		238.0()	002.5	AA 03800	
		MX25	030	MAP	CF		FO		238.0()	007.4	AT 00499	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		238.0()		AA 01600	
		050		VI	L	FB		120.0()			
	JIREN	060		CF		FO		164.7()	004.0	AA 07000	
	JIREN	070		HM	L	FO		344.7()	T01.0	AA 07000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LTJ	N454248.90	W1210603.00	N4542.815	W12106.050
	IDLS (DME)	N453705.80	W1210945.40	N4537.097	W12109.757
	JIREN	N452753.52	W1210810.01	N4527.892	W12108.167
	VECCU	N454053.27	W1205200.64	N4540.888	W12052.011
	CITAV	N454009.28	W1205528.73	N4540.155	W12055.479
	LIREY	N453925.92	W1205853.34	N4539.432	W12058.889
	MX25	N453717.44	W1210856.04	N4537.291	W12108.934
	RW25	N453716.42	W1210938.28	N4537.274	W12109.638
	IDLS (LOC)	N453707.30	W1210943.47	N4537.122	W12109.725

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25	00243	43

CITY AND STATE	ELEVATION: **247** **THRE: 243**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
THE DALLES, OR	AIRPORT NAME: **COLUMBIA GORGE RGNL/THE DALLES MUNI**	**I-DLS**	**LDA/DME RWY 25, AMDT 1** 12 DECEMBER 2013	AMDT: **ORIG-A**
				DATED: **07/29/2010**

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30927; Amdt. No. 3562]

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

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

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

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, Flight Procedure Standards Branch (AFS-420), Flight Technologies and Programs Divisions, Flight Standards Service, Federal Aviation

Administration, Mike Monroney Aeronautical Center, 6500 South MacArthur Blvd. Oklahoma City, OK. 73169 (Mail Address: P.O. Box 25082, Oklahoma City, OK 73125) Telephone: (405) 954-4164. SUPPLEMENTARY INFORMATION: This rule amends Title 14 of the Code of Federal Regulations, Part 97 (14 CFR part 97), by establishing, amending, suspending, or revoking SIAPS, Takeoff Minimums and/or ODPS. The complete regulators description of each SIAP and its associated Takeoff Minimums or ODP for an identified airport is listed on FAA form documents which are incorporated by reference in this amendment under 5 U.S.C. 552(a), 1 CFR part 51, and 14 CFR part 97.20. The applicable FAA Forms are FAA Forms 8260-3, 8260-4, 8260-5, 8260-15A, and 8260-15B when required by an entry on 8260-15A.

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on OCTOBER 25, 2013.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal Regulations, Part 97 (14 CFR part 97) is amended by 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 12 DECEMBER 2013

Akutan, AK, Akutan, RNAV (GPS)-A, Orig
Akutan, AK, Akutan, Takeoff Minimums and Obstacle DP, Orig
Alexander City, AL, Thomas C Russell Fld, RNAV (GPS) RWY 18, Amdt 1
Alexander City, AL, Thomas C Russell Fld, RNAV (GPS) RWY 36, Amdt 2
Clarksville, AR, Clarksville Muni, NDB-A, Amdt 5, CANCELED
Conway, AR, Dennis F Cantrell Field, GPS RWY 26, Orig-A, CANCELED
Conway, AR, Dennis F Cantrell Field, NDB-A, Amdt 2
Conway, AR, Dennis F Cantrell Field, RNAV (GPS)-B, Orig
Conway, AR, Dennis F Cantrell Field, Takeoff Minimums and Obstacle DP, Amdt 2
Bakersfield, CA, Bakersfield Muni, GPS RWY 34, Orig, CANCELED
Bakersfield, CA, Bakersfield Muni, RNAV (GPS) RWY 34, Orig
Bakersfield, CA, Bakersfield Muni, VOR/DME RWY 34, Amdt 1
San Francisco, CA, San Francisco Intl, Takeoff Minimums and Obstacle DP, Amdt 8A
Longmont, CO, Vance Brand, RNAV (GPS) RWY 29, Amdt 2
Palm Coast, FL, Flagler County, RNAV (GPS) RWY 6, Amdt 1A
Punta Gorda, FL, Punta Gorda, VOR RWY 4, Amdt 1B, CANCELED
Montezuma, GA, DR. C P Savage Sr., RNAV (GPS) RWY 18, Orig-A
Chicago/Aurora, IL, Aurora Muni, RNAV (GPS) RWY 15, Orig-A
Stockton, KS, Rooks County, RNAV (GPS) RWY 18, Orig
Stockton, KS, Rooks County, RNAV (GPS) RWY 36, Orig
Stockton, KS, Rooks County, Takeoff Minimums and Obstacle DP, Orig
Falmouth, KY, Gene Snyder, RNAV (GPS) RWY 21, Orig
Falmouth, KY, Gene Snyder, VOR-A, Amdt 3
Lexington, KY, Blue Grass, ILS OR LOC RWY 22, Amdt 20B
Rayville, LA, John H Hooks Jr Memorial, VOR/DME-A, Amdt 3
Churchville, MD, Harford County, VOR/DME-A, Amdt 1A, CANCELED
Crisfield, MD, Crisfield Muni, VOR/DME-A, Orig-A, CANCELED
Greenville, ME, Greenville Muni, NDB RWY 14, Amdt 5, CANCELED
Bay City, MI, James Clements Muni, Takeoff Minimums and Obstacle DP, Amdt 6
Detroit, MI, Detroit Metropolitan Wayne County, ILS OR LOC RWY 22L, ILS RWY 22L (SA CAT I), ILS RWY 22L (SA CAT II), Amdt 30
Detroit, MI, Detroit Metropolitan Wayne County, ILS PRM RWY 22L (SIMULTANEOUS CLOSE PARALLEL), Orig-C
Linden, MI, Prices, Takeoff Minimums and Obstacle DP, Amdt 5
Charleston, MO, Mississippi County, RNAV (GPS) RWY 18, Orig
Charleston, MO, Mississippi County, RNAV (GPS) RWY 36, Orig
Charleston, MO, Mississippi County, Takeoff Minimums and Obstacle DP, Orig
Clarksdale, MS, Fletcher Field, VOR/DME RWY 18, Orig-B, CANCELED
Greenville, MS, Greenville Mid-Delta, ILS OR LOC RWY 18L, Amdt 9G
Greenville, MS, Greenville Mid-Delta, RNAV (GPS) RWY 18L, Orig-B
Greenville, MS, Greenville Mid-Delta, RNAV (GPS) RWY 18R, Orig-A
Greenville, MS, Greenville Mid-Delta, RNAV (GPS) RWY 36L, Orig-B
Greenville, MS, Greenville Mid-Delta, RNAV (GPS) RWY 36R, Orig-A

Greenville, MS, Greenville Mid-Delta, Takeoff Minimums and Obstacle DP, Orig-A
Greenville, MS, Greenville Mid-Delta, VOR/DME RWY 18L, Amdt 13A
Greenville, MS, Greenville Mid-Delta, VOR/DME RWY 18R, Orig-A
Beaufort, NC, Michael J. Smith Field, RNAV (GPS) RWY 8, Amdt 2
Scottsbluff, NE, Western Neb. Rgnl/William B. Heilig Field, RNAV (GPS) RWY 5, Amdt 1
New Philadelphia, OH, Harry Clever Field, RNAV (GPS) RWY 14, Orig-A
The Dalles, OR, Columbia Gorge Rgnl/The Dalles Muni, DALLES ONE, Graphic DP
The Dalles, OR, Columbia Gorge Rgnl/The Dalles Muni, Takeoff Minimums and Obstacle DP, Amdt 3
Collegeville, PA, Perkiomen Valley, VOR-A, Orig-A, CANCELED
Philadelphia, PA, Northeast Philadelphia, RNAV (GPS) RWY 6, Orig-B
Cleburne, TX, Cleburne Rgnl, LOC/DME RWY 15, Orig-C
Dalhart, TX, Dalhart Muni, GPS RWY 17, Orig-B, CANCELED
Dalhart, TX, Dalhart Muni, RNAV (GPS) RWY 17, Orig
Dalhart, TX, Dalhart Muni, RNAV (GPS) RWY 35, Orig
Dalhart, TX, Dalhart Muni, VOR/DME RWY 35, Amdt 3
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) Z RWY 7R, Amdt 1A
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) Z RWY 25L, Amdt 1A
Cowley/Lovell/Byron, WY, North Big Horn County, NDB RWY 9, Amdt 2
Cowley/Lovell/Byron, WY, North Big Horn County, RNAV (GPS) RWY 9, Orig
Cowley/Lovell/Byron, WY, North Big Horn County, Takeoff Minimums and Obstacle DP, Amdt 2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZEBUV (IF/IAF)	ZOXIV (FB)	122.55 / 9.10	2100
ZOXIV (FAF)	RW09 (MAP) (FO)	122.87 / 6.03	
RW09 (MAP)	2500 MSL	122.87	2500
2500 MSL	ZEBUV (FO)		4900

MISSED APPROACH

LNAV: RW09

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 4900 DIRECT ZEBUV AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 254 TREE 540826N/1653650W
FAC CROSSES THRESHOLD OF RWY 09.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW ZEBUV, RT, 122.55 INBOUND, 4900 FT. IN LIEU OF PT (IF/IAF)
3. FAC: 122.87 FAF: ZOXIV DIST FAF TO MAP: 6.03 THLD: 6.03
4. MIN. ALT: ZEBUV 4900, ZOXIV 2100
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: ____
8. MSA FROM: RW09 5500

MAG VAR: 10E EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	960	1 1/4	831	1140	1 1/2	1011	1600	3	1471	2080	3	1951			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.

@ CAT A 900-2, CAT B 1100-2, CAT C 1500-3, CAT D 2000-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 129 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AKUTAN, AK	AKUTAN	RNAV	RNAV (GPS)-A, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SCANEAENRT   ZEBUV PA0    C   L N54185923W165554838                    E0105     NAR           ZEBUV
         SCANEAENRT   ZOXIV PA0    W     N54124997W165442314                    E0106     NAR           ZOXIV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SCANP PAUTPAA7AK     0     045YHN54084060W165361480E010000129         1800018000C    MNAR    AKUTAN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SCANP PAUTPAFRNV-A AZEBUV 010ZEBUVPAEA0EE AR   HF                    12260050    + 04900     18000                B JC
         SCANP PAUTPAFRNV-A R      010ZEBUVPAEA0E  I    IF                                + 04900     18000                B JC
         SCANP PAUTPAFRNV-A R      020ZOXIVPAEA0E  F 051TF                    12260091    + 02100                RW09  PAPGB JC
         SCANP PAUTPAFRNV-A R      030RW09 PAPG0GY M 031TF                    12290060      02080             -303          B JC
         SCANP PAUTPAFRNV-A R      040         0  M     CA                    1229        + 02500                          B JC
         SCANP PAUTPAFRNV-A R      050ZEBUVPAEA0EY  R   DF                              + 04900                          B JC
         SCANP PAUTPAFRNV-A R      060ZEBUVPAEA0EE  R   HM                    12290050    + 04900                          B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SCANP PAUTPAGRW09     0045000887 N54084396W165365213+0100     +0051100113000050075D

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SCANP PAUTPASRW09 PAPG               0   18018005525                                                                  M
```

CITY AND STATE	ELEVATION: 129	TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AKUTAN, AK	AIRPORT NAME: **AKUTAN**		**RNAV**	**RNAV (GPS)-A, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
					DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZEBUV	ZEBUV	010	IAF	HF	R	FO		122.6(132.6T)	005.0	AA 04900	
		ZEBUV	010	FACF	IF		FB				AA 04900	
		ZOXIV	020	FAF	TF		FB	0.5	122.6(132.6T)	009.1	AA 02100	
		RW09	030	MAP	TF		FO	0.3	122.9(132.9T)	006.0	AT 02080	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		122.9(132.9T)		AA 02500	
	ZEBUV	050		DF	R	FO				AA 04900	
	ZEBUV	060		HM	R	FO		122.9(132.9T)	005.0	AA 04900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ZEBUV	N541859.23	W1655548.38	N5418.987	W16555.806
	ZOXIV	N541249.97	W1654423.14	N5412.833	W16544.386
	RW09	N540843.96	W1653652.13	N5408.733	W16536.869

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00113	50

CITY AND STATE	ELEVATION: 129 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
AKUTAN, AK	AIRPORT NAME: **AKUTAN**	**RNAV**	**RNAV (GPS)-A, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
Akutan, AK	Akutan	12 DECEMBER 2013	ORIG

TAKEOFF MINIMUMS:

RWY 09, 27: 3200-2 ½ FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 09, 27 - FOR CLIMB IN VISUAL CONDITIONS: CROSS AKUTAN AIRPORT AT OR ABOVE 3200 FT MSL BEFORE PROCEEDING ON COURSE. WHEN EXECUTING VCOA, NOTIFY ATC PRIOR TO DEPARTURE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09, RISING TERRAIN BEGINNING 91 FT FROM DER, 396 FT RIGHT OF CENTERLINE, UP TO 163 FT MSL. RISING TERRAIN BEGINNING 2039 FT FROM DER, 923 FT LEFT OF CENTERLINE, UP TO 263 FT MSL.
NOTE: RWY 27, RISING TERRAIN BEGINNING 8 FT FROM DER, 495 FT LEFT OF CENTERLINE, UP TO 115 FT MSL. RISING TERRAIN BEGINNING 1796 FT FROM DER, 727 FT LEFT OF CENTERLINE, UP TO 182 FT MSL.

CONTROLLING OBSTACLES:

RWY 09, 27 (VCOA): 4451 FT MSL AAO 540758.45N/1655908.16W, 1314 FT MSL TREE 541118.00N/1653344.00W

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
Akutan, AK	Akutan	12 DECEMBER 2013	ORIG

REMARKS:

FLIGHT INSPECTED BY:

JOHN D. JEFFERS Digitally signed by Lonnie Everhart FIOG 10/23/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ROBERT GRIM Digitally signed by Lonnie Everhart AJV-354 06/10/2013

APPROVED BY:

DEBORAH COPELAND Digitally signed by Lonnie Everhart AJV-354 16 Oct 2013

COORDINATED WITH:

ALPA, ZAN APP CON, AMGR

CHANGES:

REASONS:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOPIB (IF/IAF)	KUCEG (FB)	181.51 / 6.00	2500
KUCEG (FAF)	WALNI/2.10 NM TO RW18 (FB)	181.52 / 3.49	
WALNI/2.10 NM TO RW18	RW18 (MAP) (FO)	181.52 / 2.10	
RW18 (MAP)	1086 MSL	181.52	
1086 MSL	TATME (FO)		3000

MISSED APPROACH

LP: RW18
LNAV: RW18

CLIMB TO 3000 DIRECT TATME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 001.53 INBOUND.
CHART FAS OBST: 862 TREE 325643N/0855758W
CHART FAS OBST: 921 TOWER 325654N/0855838W
WAAS CHANNEL # 90534
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N JOPIB, RT, 181.51 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 181.52 FAF: KUCEG DIST FAF TO MAP: 5.59 THLD: 5.59
4. MIN. ALT: JOPIB 3600, KUCEG 2500, WALNI/2.10 NM TO RW18 1380
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:

CHART CIRCLING ICON
LTP HAE: 176.6 M

MAG VAR: 4W EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1120	1	445	1120	1	445	1120	1 3/8	445		NA				
LNAV MDA	1160	1	485	1160	1	485	1160	1 3/8	485		NA				
CIRCLING	1180	1	494	1240	1	554	1580	2 3/4	894		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: DESCENT ANGLE NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE LP AND CIRCLING CAT C VISIBILITY 1/4 MILE, INCREASE LNAV CAT C VISIBILITY 3/8 MILE. (SEE FORM 8260-10)

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 686 THRE: 675 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 18, AMDT 1 12 DECEMBER 2013	AMDT: ORIG
				DATED 06/03/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: RWY 18 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	092/30 CW 272/30 (NOPT)	092/15 CW 272/15	4000
	092/15 CW 272/15	JOPIB (IF/IAF) (FB)	3600
2.	272/30 CW 092/30	JOPIB (IF/IAF) (FO)	3600

QUALITY CHECKED

CITY AND STATE	ELEVATION: 686 THRE: 675	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	AIRPORT NAME: THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 18, AMDT 1 12 DECEMBER 2013	AMDT: ORIG
				DATED: 06/03/2010

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALX
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	325513.7180N
LTP/FTP LONGITUDE	0855747.6850W
LTP/FTP ELLIPSOIDAL HEIGHT	+01766
FPAP LATITUDE	325344.5275N
FPAP LONGITUDE	0855743.1065W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	A87F6898

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02057
FPAP ORTHOMETRIC HEIGHT	+02057

QUALITY CHECKED

CITY AND STATE	ELEVATION: 686 THRE: 675 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 18, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED: 06/03/2010

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   JOPIB K70    W     N33064980W085582351                      W0036     NAR           JOPIB
         SUSAEAENRT   KUCEG K70    W     N33004944W085580494                      W0036     NAR           KUCEG
         SUSAEAENRT   TATME K70    W     N32423835W085570899                      W0036     NAR           TATME
         SUSAEAENRT   WALNI K70    W     N32571985W085575417                      W0036     NAR           WALNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KALXK7AALX     0     054YHN32545310W085574660W004000686         1800018000C    MNAR     THOMAS C RUSSELL FLD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KALXK7FR18   AJOPIB 010JOPIBK7EA0EE AR   HF                    18150040    + 03600     18000                A JS
         SUSAP KALXK7FR18   R      010JOPIBK7EA0E  I    IF                                + 03600     18000                A JS
         SUSAP KALXK7FR18   R      020KUCEGK7EA1E  F 051TF                    18150060    + 02500                          A JS
         SUSAP KALXK7FR18   R      020KUCEGK7EA2WALP        N          ALNAV                                                JS
         SUSAP KALXK7FR18   R      021WALNIK7EA0E S  031TF                    18150035    + 01380                          A JS
         SUSAP KALXK7FR18   R      030RW18 K7PG0GY M 031TF                    18150021      01120                 000      A JS
         SUSAP KALXK7FR18   R      040         0  M     CA                    1815        + 01086                          A JS
         SUSAP KALXK7FR18   R      050TATMEK7EA0EY       DF                              + 03000                          A JS
         SUSAP KALXK7FR18   R      060TATMEK7EA0EE  R    HM                    00150040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KALXK7GRW18    0054221815 N32551372W085574769-1400    +0176600675062300096R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KALXK7PR18   RW18 001 0000W18A0N3255137180W08557476850+017660000N3253445275W085574310651067512880000000F400000A87F6898
         SUSAP KALXK7PR18   RW18 002E      +02057+02057LP        90534
```

QUALITY CHECK

CITY AND STATE	ELEVATION: 686 THRE: 675	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	AIRPORT NAME: THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 18, AMDT 1 12 DECEMBER 2013	AMDT: ORIG
				DATED: 06/03/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JOPIB	JOPIB	010	IAF	HF	R	FO		181.5(177.5T)	004.0	AA 03600	
		JOPIB	010	FACF	IF		FB				AA 03600	
		KUCEG	020	FAF	TF		FB	0.5	181.5(177.5T)	006.0	AA 02500	
		WALNI	021	SDF	TF		FB	0.3	181.5(177.5T)	003.5	AA 01380	
		RW18	030	MAP	TF		FO	0.3	181.5(177.5T)	002.1	AT 01120	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		181.5(177.5T)		AA 01086	
	TATME	050		DF		FO				AA 03000	
	TATME	060		HM	R	FO		001.5(357.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JOPIB	N330649.80	W0855823.51	N3306.830	W08558.392
	KUCEG	N330049.44	W0855804.94	N3300.824	W08558.082
	TATME	N324238.35	W0855708.99	N3242.639	W08557.150
	WALNI	N325719.85	W0855754.17	N3257.331	W08557.903
	RW18	N325513.72	W0855747.69	N3255.229	W08557.795

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00675	00

CITY AND STATE	ELEVATION: 686 THRE: 675 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	**THOMAS C RUSSELL FLD**	**RNAV**	**RNAV (GPS) RWY 18, AMDT 1** 12 DECEMBER 2013	AMDT: **ORIG**
				DATED: **06/03/2010**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TATME (IF/IAF)	BILLP (FB)	001.53 / 6.00	2500
BILLP (FAF)	JUBKI/2.30 NM TO RW36 (FB)	001.52 / 3.49	
JUBKI/2.30 NM TO RW36	RW36 (MAP) (FO)	001.52 / 2.30	
RW36 (MAP)	1100 MSL		1100
1100 MSL	TATME (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT TATME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S TATME, RT, 001.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 001.52 FAF: BILLP DIST FAF TO MAP: 5.79 THLD: 5.79
4. MIN. ALT: TATME 3000, BILLP 2500, JUBKI/2.30 NM TO RW36 1380*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: BILLP 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

FAS OBST: 783 TREE 325433N/0855824W
DISTANCE TO THLD FROM 250 HATH: 0.64 NM.
CHART VDP AT 1.26 MILES TO RW36*
*LNAV ONLY.
WAAS CHANNEL # 61231
REFERENCE PATH ID: W36A
CHART CIRCLING ICON
LTP HAE: 157.4 M

MAG VAR: 4W EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	862	3/4	250	862	3/4	250	862	3/4	250		NA				
LNAV/VNAV DA	1056	1 1/2	444	1056	1 1/2	444	1056	1 1/2	444		NA				
LNAV MDA	1060	1	448	1060	1	448	1060	1 3/8	448		NA				
CIRCLING	1180	1	494	1240	1	554	1580	2 3/4	894		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUBURN ALTIMETER SETTING: INCREASE LPV DA TO 949, LNAV/VNAV DA TO 1143 AND ALL LPV AND LNAV/VNAV VISIBILITIES 3/8 MILE; INCREASE ALL MDA 100 FEET AND INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 686 THRE: 612 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 36, AMDT 2 12 DECEMBER 2013	AMDT: 1 DATED 06/03/2010

NOTES, (CONT.):
CHART NOTE: BARO-VNAV AND VDP NA WITH AUBURN ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (3F) OR ABOVE 54C (130F).
CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	272/30 CW 092/30 (NOPT)	TATME (IF/IAF) (FB)	3000
2.	092/30 CW 272/30	TATME (IF/IAF) (FO)	3500

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALX
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	325426.2820N
LTP/FTP LONGITUDE	0855745.2545W
LTP/FTP ELLIPSOIDAL HEIGHT	+01574
FPAP LATITUDE	325555.4725N
FPAP LONGITUDE	0855749.8355W
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	1096
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7CFAAE93

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01865
FPAP ORTHOMETRIC HEIGHT	+01865

QUALITY CHECKED

CITY AND STATE	ELEVATION: 686 THRE: 612 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 36, AMDT 2 12 DECEMBER 2013	AMDT: 1 DATED: 06/03/2010

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BILLP K70    W     N32483873W085572743                    W0036     NAR           BILLP
        SUSAEAENRT   JUBKI K70    W     N32520814W085573817                    W0036     NAR           JUBKI
        SUSAEAENRT   TATME K70    W     N32423835W085570899                    W0036     NAR           TATME

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALXK7AALX     0     054YHN32545310W085574660W004000686         1800018000C    MNAR    THOMAS C RUSSELL FLD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALXK7FR36   ATATME 010TATMEK7EA0EE AR   HF                    00150040    + 03000     18000                A JS
        SUSAP KALXK7FR36   R      010TATMEK7EA0E  I    IF                                + 03000     18000                A JS
        SUSAP KALXK7FR36   R      020BILLPK7EA1E  F 051TF                    00150060    + 02500                          A JS
        SUSAP KALXK7FR36   R      020BILLPK7EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KALXK7FR36   R      021JUBKIK7EA0E S  031TF                    00150035    V 0138001389        -300         A JS
        SUSAP KALXK7FR36   R      030RW36 K7PG0GY M 031TF                    00150023      00657             -300         A JS
        SUSAP KALXK7FR36   R      040         0  M     CA                    0015        + 01100                          A JS
        SUSAP KALXK7FR36   R      050TATMEK7EA0EY  L   DF                              + 03000                          A JS
        SUSAP KALXK7FR36   R      060TATMEK7EA0EE  R   HM                    00150040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALXK7GRW36    0054220015 N32542628W085574525+1400    +0157400612000045096R

                1         2         3         4         5         6         7         8         9         0         1         2         3
FP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KALXK7PR36   RW36 001 0000W36A0N3254262820W08557452545+015740300N3255554725W085574983551067510960004 50F4005007CFAAE93
        SUSAP KALXK7PR36   RW36 002E      +01865+01865LPV       61231
```

CITY AND STATE	ELEVATION: 686 THRE: 612	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	AIRPORT NAME: THOMAS C RUSSELL FLD	RNAV	RNAV (GPS) RWY 36, AMDT 2 12 DECEMBER 2013	AMDT: 1
				DATED: 06/03/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	TATME	TATME	010	IAF	HF	R	FO		001.5(357.5T)	004.0	AA 03000	
		TATME	010	FACF	IF		FB				AA 03000	
		BILLP	020	FAF	TF		FB	0.5	001.5(357.5T)	006.0	AA 02500	
		JUBKI	021	SDF	TF		FB	0.3	001.5(357.5T)	003.5	AA 01380	GS 01389
		RW36	030	MAP	TF		FO	0.3	001.5(357.5T)	002.3	AT 00657	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		001.5(357.5T)		AA 01100	
	TATME	050		DF	L	FO				AA 03000	
	TATME	060		HM	R	FO		001.5(357.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BILLP	N324838.73	W0855727.43	N3248.646	W08557.457
	JUBKI	N325208.14	W0855738.17	N3252.136	W08557.636
	TATME	N324238.35	W0855708.99	N3242.639	W08557.150
	RW36	N325426.28	W0855745.25	N3254.438	W08557.754

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00612	45

CITY AND STATE	ELEVATION: 686 THRE: 612	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ALEXANDER CITY, AL	AIRPORT NAME: **THOMAS C RUSSELL FLD**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 2** 12 DECEMBER 2013	AMDT: **1**
				DATED: **06/03/2010**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

CATEGORY =====>	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 12 DECEMBER 2013

CANCELLED

CITY AND STATE	ELEVATION: 481 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CLARKSVILLE, AR	AIRPORT NAME: **CLARKSVILLE MUNI**	**CZE**	**NDB-A, AMDT 5, 05/22/1997**	AMDT 4
				DATE **06/23/1994**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 315 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CONWAY, AR	DENNIS F CANTRELL FIELD	GPS	GPS RWY 26, ORIG-A, 0/26/1999	AMDT ORIG
				DATE 20 JUN 96

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIT VORTAC	CWS NDB	328.53 / 27.21	2300
BIBBS INT	CWS NDB	053.35 / 12.23	2300

MISSED APPROACH

MAP: CWS NDB

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2300 DIRECT CWS NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.00 INBOUND.
FAS OBST: 760 AAO 350355N/0921455W
FAC CROSSES 412 FT WEST OF RWY 26 THLD.
CHART CIRCLING ICON.

1. PT L SIDE OF COURSE 090.00 OUTBOUND 2300 FT WITHIN 10 MILES OF CWS NDB (IAF)
2.
3. FAC 270.00 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: CWS NDB 3300

MAG VAR: 1E EPOCH YEAR:2015

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1120	1	804	1120	1	804		NA			NA				
LITTLE ROCK ALTIMETER SETTING MINIMUMS															
CIRCLING	1180	1 1/4	864	1180	1 1/4	864		NA			NA				

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE LITTLE ROCK ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWYS 26 AND 36.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 316 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS-A
CONWAY, AR	DENNIS F CANTRELL FIELD	CWS	NDB-A, AMDT 2 12 DECEMBER 2013	AMDT 1 DATE 11/7/1996

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.27

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

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 316 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: NDB OR GPS-A
CONWAY, AR	DENNIS F CANTRELL FIELD	CWS	NDB-A, AMDT 2 12 DECEMBER 2013	AMDT: 1 DATED: 11/7/1996

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FIBIH (IF/IAF)	JOKNO (FB)	077.80 / 6.10	2000
JOKNO (FAF)	RW08 (MAP) (FO)	077.87 / 5.16	
RW08 (MAP)	716 MSL	077.87	
716 MSL	FIBIH (FO)		2800

MISSED APPROACH

LNAV: RW08

CLIMBING LEFT TURN TO 2800 DIRECT FIBIH AND HOLD.

ADDITIONAL FLIGHT DATA:
FAS OBST: 550 AAO 350447N/0923116W
640 AAO 350450N/0923135W.
JOKNO TO RW08: 3.00/40.
CHART CIRCLING ICON.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W FIBIH, RT, 077.80 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
3. FAC: 077.87 FAF: JOKNO DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: FIBIH 2800, JOKNO 2000
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: ____
8. MSA FROM:

MAG VAR: 1E EPOCH YEAR: 2015

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	800	1	484	920	1	604		NA			NA				
LITTLE ROCK ALTIMETER SETTING MINIMUMS															
CIRCLING	880	1	564	980	1	664		NA			NA				

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE LITTLE ROCK ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 316 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CONWAY, AR	DENNIS F CANTRELL FIELD	RNAV	RNAV (GPS)-B, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

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

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING TO RWYS 26 AND 36 NA.

TAA

	FROM	TO	ALT
1.	348/30 CW 168/30 (NOPT)	348/8 CW 168/8	3500
2.	348/8 CW 168/8	FIBIH (IF/IAF) (FB)	2800
3.	168/30 CW 348/30	FIBIH (IF/IAF) (FO)	3300

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 316 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CONWAY, AR	AIRPORT NAME: DENNIS F CANTRELL FIELD	RNAV	RNAV (GPS)-B, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FIBIH K40    W     N35024426W092391350                    E0009     NAR           FIBIH
        SUSAEAENRT   JOKNO K40    W     N35035520W092315641                    E0008     NAR           JOKNO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWSK4ACWS     0     048YHN35045159W092252806E001000316         1800018000C    MNAR    DENNIS F CANTRELL FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCWSK4FRNV-B AFIBIH 010FIBIHK4EA0EE AR   HF                    07780040    + 02800     18000                 B JC
        SUSAP KCWSK4FRNV-B R      010FIBIHK4EA0E  I    IF                                + 02800     18000                 B JC
        SUSAP KCWSK4FRNV-B R      020JOKNOK4EA0E  F 051TF                    07780061    + 02000                           B JC
        SUSAP KCWSK4FRNV-B R      030RW08 K4PG0GY M 031TF                    07790052      00980               -300        B JC
        SUSAP KCWSK4FRNV-B R      040         0  M     CA                    0779        + 00716                           B JC
        SUSAP KCWSK4FRNV-B R      050FIBIHK4EA0EY  L   DF                                + 02800                           B JC
        SUSAP KCWSK4FRNV-B R      060FIBIHK4EA0EE  R   HM                    07780040    + 02800                           B JC
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 316 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CONWAY, AR	AIRPORT NAME: DENNIS F CANTRELL FIELD	RNAV	RNAV (GPS)-B, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FIBIH	FIBIH	010	IAF	HF	R	FO		077.8(078.8T)	004.0	AA 02800	
		FIBIH	010	FACF	IF		FB				AA 02800	
		JOKNO	020	FAF	TF		FB	0.5	077.8(078.8T)	006.1	AA 02000	
		RW08	030	MAP	TF		FO	0.3	077.9(078.9T)	005.2	AT 00980	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		077.9(078.9T)		AA 00716	
	FIBIH	050		DF	L	FO				AA 02800	
	FIBIH	060		HM	R	FO		077.8(078.8T)	004.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FIBIH	N350244.26	W0923913.50	N3502.738	W09239.225
	JOKNO	N350355.20	W0923156.41	N3503.920	W09231.940

QUALITY CHECKED

CITY AND STATE	ELEVATION: **316** TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CONWAY, AR	AIRPORT NAME: **DENNIS F CANTRELL FIELD**	**RNAV**	**RNAV (GPS)-B, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
CONWAY, AR	DENNIS F CANTRELL FIELD	12 DECEMBER 2013	2

TAKEOFF MINIMUMS:

RWY 8,18, STANDARD
RWY 26, 300-1 OR STANDARD WITH MINIMUM CLIMB OF 346 FT PER NM TO 600.
RWY 36, 400-2 1/2 OR STANDARD WITH MINIMUM CLIMB OF 284 FT PER NM TO 900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 36, CLIMB HEADING 002.26 TO 800 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TREES BEGINNING 10 FT FROM DER, 250 FT LEFT OF CENTERLINE UP TO 120 FT AGL/429 FT MSL. TREES 168 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/429 FT MSL. TOWER AND POLE 355 FT FROM DER, 29 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/332 FT MSL. SIGN, POLES AND BLDGS BEGINNING 342 FT FROM DER, 429 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/332 FT MSL. **NOTE:** RWY 18, TREES 21 FT FROM DER, 239 FT LEFT OF CENTERLINE, UP TO 120 FT AGL/449 FT MSL. TREES 65 FT FROM DER, 153 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/429 FT MSL. PLANT 2222 FT FROM DER, 63 FT RIGHT OF CENTERLINE, 110 FT AGL/413 FT MSL. **NOTE:** RWY 26, TREES BEGINNING 147 FT FROM DER, 210 FT LEFT OF CENTERLINE, UP TO 120 FT AGL/439 FT MSL. VEHICLE ON ROAD 136 FT FROM DER, 22 FT RIGHT OF CENTERLINE, 15 FT AGL/332 FT MSL.TREES BEGINNING 147 FT FROM DER, 210 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/439 FT MSL. **NOTE:** RWY 36, VEHICAL ON ROAD 546 FT FROM DER, 24 FT LEFT OF CENTERLINE, 15 FT AGL/324 FT MSL.TREES BEGINNING 563 FT FROM DER, 274 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/429 FT MSL. TREES AND TOWERS BEGINNING 3817 FT FROM DER, 473 FT LEFT OF CENTERLINE, UP TO 120 FT AGL/439 FT MSL. TOWER 5068 FT FROM DER, 1623 FT RIGHT OF CENTERLINE, 150 FT AGL/453 FT MSL.

CONTROLLING OBSTACLES:

RWY 26: 475 FT MSL TANK 350435.00N/0922636.00W.
RWY 36: 650 FT MSL TOWER 350646.00N/0922443.00W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 36 - 687 FT MSL TOWER 350647.00N/0922434.00W.

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
CONWAY, AR	DENNIS F CANTRELL FIELD	12 DECEMBER 2013	2

REMARKS:

FLIGHT INSPECTED BY:

Michael Ahern 9/2/13

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

JILL OLSON (LIAM DONAHUE) AJV-353 07/09/2013

APPROVED BY:

LARRY STROUT AJV-353 SEP 27 2013

COORDINATED WITH:

AOPA, NBAA, ZME, LIT APP CON, APT MGR, STATE AVIATION DIRECTOR, ALPA.

CHANGES:

1. UPDATED TAKEOFF OBSTACLE NOTES.
2. CHANGED RWY 26 TAKEOFF MINIMUMS FROM 200-1 TO 300-1.
3. CHANGED CLIMB GRADIENT FOR RWY 36 FROM 289 FEET PER NM TO 900 TO 284 FEET PER NM TO 900.
4. CHANGED TEXTUAL DEPARTURE PROCEDURE FOR RWY 36 FROM "CLIMB HEADING 358.26 TO 900 BEFORE PROCEEDING ON COURSE" TO "CLIMB HEADING 002.26 TO 800 BEFORE TURNING RIGHT."
5. REMOVED RWY 8, 26 NA AT NIGHT.

REASONS:

1. MATCHED CURRENT DATA BASE AND REVISED VEGETATION HEIGHT.
2,3, MATCH CRITERIA AND UPDATED OBSTACLES.
4. MAGNETIC VARIATION CHANGE, ACFT CAN START LEFT TURN 400 FT ABOVE DER AND CLIMB TO 800 STILL CLEARS OBSTACLE.
5. PER CENTRAL FPT, DISPLACED THRESHOLDS HAVE NO IMPACT ON THE DEPARTURES.

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

CATEGORY =====>	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 12 DECEMBER 2013

CITY AND STATE	ELEVATION: 376 TDZE: 376	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BAKERSFIELD, CA	AIRPORT NAME: BAKERSFIELD MUNI	GPS	GPS RWY 34, ORIG, 05/03/2005	AMDT NONE
				DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TAFTO	WUTFY (FB)	097.00 / 7.11	3000
LOPES	LEBEC (FB)	255.76 / 7.88	5700
WUTFY (IAF)	UMKOW (FB)	070.00 / 10.72	3000
LEBEC (IAF)	UMKOW (FB)	303.93 / 8.26	3000
UMKOW (IF)	APCUD (FB)	340.56 / 6.25	2000
APCUD (FAF)	RW34 (MAP) (FO)	340.58 / 4.94	
RW34 (MAP)	1200 MSL	340.58	1200
1200 MSL	UMKOW (FO)		3000

MISSED APPROACH

LNAV: RW34

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

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 070.00 INBOUND.
FAS OBST: 549 AAO 351550N/1185908W
CHART MEADOWS FIELD ASOS
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UMKOW
3. FAC: 340.58 FAF: APCUD DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: APCUD 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW34 9000

MAG VAR: 14E EPOCH YEAR: 1990

MINIMUMS

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

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	840	1	468	840	1	468	840	1 3/8	468	840	1 3/8	468			
CIRCLING	1060	1	682	1060	1	682	1120	2 1/4	742	1120	2 1/2	742			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAFTO ON V137 NORTHWEST BOUND AND ON V183 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOPES ON V165 - 459 SOUTHEAST BOUND.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 378 THRE: 372 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	BAKERSFIELD MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 12 DECEMBER 2013	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: USE MEADOWS FIELD ALTIMETER SETTING.
CHART NOTE: WHEN MEADOWS FIELD ALTIMETER SETTING NOT RECEIVED, USE PORTERVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: DESCENT ANGLE NA.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 378 THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 34, ORIG	AMDT: NONE
	BAKERSFIELD MUNI		12 DECEMBER 2013	DATED:

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   APCUD K20    W     N35141418W118590913                    E0128     NAR          APCUD
        SUSAEAENRT   LEBEC K20    C   L N35015218W118514095                    E0127     NAR          LEBEC
        SUSAEAENRT   LOPES K20    C   L N35015453W118420505                    E0127     NAR          LOPES
        SUSAEAENRT   TAFTO K20    R   L N35092723W119193130                    E0128     NAR          TAFTO
        SUSAEAENRT   UMKOW K20    W     N35080042W118582576                    E0127     NAR          UMKOW
        SUSAEAENRT   WUTFY K20    W     N35065377W119112584                    E0128     NAR          WUTFY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP L45 K2AL45     0     040YHN35192950W118594570E014000378         1800018000C    MNAR    BAKERSFIELD MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP L45 K2FR34   ALOPES 010LOPESK2EA0E       IF                                                18000                B JS
        SUSAP L45 K2FR34   ALOPES 020LEBECK2EA0E  A 020TF                    25580079    + 05700                              B JS
        SUSAP L45 K2FR34   ALOPES 030UMKOWK2EA0EE B 010TF                    30390083    + 03000                              B JS
        SUSAP L45 K2FR34   ATAFTO 010TAFTOK2EA0E       IF                                                18000                B JS
        SUSAP L45 K2FR34   ATAFTO 020WUTFYK2EA0E  A 020TF                    09700071    + 03000                              B JS
        SUSAP L45 K2FR34   ATAFTO 030UMKOWK2EA0EE B 010TF                    07000107    + 03000                              B JS
        SUSAP L45 K2FR34   R      010UMKOWK2EA0E  I    IF                                + 03000     18000                    B JS
        SUSAP L45 K2FR34   R      020APCUDK2EA1E  F 051TF                    34060063    + 02000                  RW34  K2PGB JS
        SUSAP L45 K2FR34   R      020APCUDK2EA2WN          N          ALNAV                                                      JS
        SUSAP L45 K2FR34   R      030RW34 K2PG0GY M 031TF                    34060049      00840              000            B JS
        SUSAP L45 K2FR34   R      040         0  M     CA                    3406        + 01200                              B JS
        SUSAP L45 K2FR34   R      050UMKOWK2EA0EY  L   DF                                + 03000                              B JS
        SUSAP L45 K2FR34   R      060UMKOWK2EA0EE  L   HM                    07000040    + 03000                              B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP L45 K2GRW34    0040003406 N35190985W118594339+0100    +0080100372000000075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP L45 K2SRW34 K2PG                0   18018009025                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 378 THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	AIRPORT NAME: BAKERSFIELD MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 12 DECEMBER 2013	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 otherw se indicated, except visibilities which are in statute miles or in feet RVR.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	LOPES	LOPES	010		IF		FB					
	LOPES	LEBEC	020	IAF	TF		FB	2.0	255.8(269.8T)	007.9	AA 05700	
	LOPES	UMKOW	030		TF		FB	1.0	303.9(317.9T)	008.3	AA 03000	
	TAFTO	TAFTO	010		IF		FB					
	TAFTO	WUTFY	020	IAF	TF		FB	2.0	097.0(111.0T)	007.1	AA 03000	
	TAFTO	UMKOW	030		TF		FB	1.0	070.0(084.0T)	010.7	AA 03000	
		UMKOW	010	FACF	IF		FB				AA 03000	
		APCUD	020	FAF	TF		FB	0.5	340.6(354.6T)	006.3	AA 02000	
		RW34	030	MAP	TF		FO	0.3	340.6(354.6T)	004.9	AT 00840	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		340.6(354.6T)		AA 01200	
	UMKOW	050		DF	L	FO				AA 03000	
	UMKOW	060		HM	L	FO		070.0(084.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APCUD	N351414.18	W1185909.13	N3514.236	W11859.152
	LEBEC	N350152.18	W1185140.95	N3501.870	W11851.683
	LOPES	N350154.53	W1184205.05	N3501.909	W11842.084
	TAFTO	N350927.23	W1191931.30	N3509.454	W11919.522
	UMKOW	N350800.42	W1185825.76	N3508.007	W11858.429
	WUTFY	N350653.77	W1191125.84	N3506.896	W11911.431
	RW34	N351909.85	W1185943.39	N3519.164	W11859.723

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW34	00372	00

QUALITY CHECKED

CITY AND STATE	ELEVATION: 378 THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	AIRPORT NAME: BAKERSFIELD MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOGIG/EHF 23.00 DME CCW (IAF)	ESYUP/23.00 DME	23.00 DME ARC	3200
ESYUP/23.00 DME (IF)	ZUPNI/17.00 DME	319.29 / 6.00	2300

MISSED APPROACH

MAP: 11.08 DME FIX

CLIMBING LEFT TURN TO 3000 ON HEADING 260 TO EHF R-196 R-196 TO STIGR / EHF 10.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 195.82 INBOUND.
FAS OBST: 604 AAO 351418N/1185411W
CHART MEADOWS FIELD ASOS
CHART EHF R-196 AT WOGIG.
ZUPNI TO RW 34: 2.98/54
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ESYUP/23.00 DME
3. FAC 319.17 FAF ZUPNI/17.00 DME DIST FAF TO MAP ____ THLD 5.92
4. MIN. ALT ZUPNI 2300
8. MSA FROM: EHF VORTAC 360-170 8800, 170-360 3100

MAG VAR: 14E EPOCH YEAR:1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-34	900	1	528	900	1	528	900	1 1/2	528	900	1 1/2	528			
CIRCLING	1060	1	682	1060	1	682	1120	2 1/4	742	1120	2 1/2	742			

NOTES:

CHART NOTE: USE MEADOWS FIELD ALTIMETER SETTING.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN MEADOWS FIELD ALTIMETER SETTING NOT RECEIVED, USE PORTERVILLE ALTIMETER SETTING (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 378 THRE: 372	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BAKERSFIELD, CA	AIRPORT NAME: BAKERSFIELD MUNI	EHF	VOR/DME RWY 34, AMDT 1 12 DECEMBER 2013	AMDT ORIG
				DATE 09/04/2003

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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

NOTES, (CONT.):
AND INCREASE ALL MDA 80 FT, INCREASE S-34 AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS BELOW 1SM NOT AUTHORIZED.

CITY AND STATE	ELEVATION: 378 THRE: 372 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BAKERSFIELD, CA	BAKERSFIELD MUNI	EHF	VOR/DME RWY 34, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED: 09/04/2003

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
SAN FRANCISCO, CA	SAN FRANCISCO INTL	12 DECEMBER 2013	8A

TAKEOFF MINIMUMS:

RWY 1L, 1R, 10L, 10R. STANDARD.
RWY 19L, 19R: STANDARD WITH MINIMUM CLIMB OF 565 FT PEA NM TO 2000.
RWY 28L, 28A: STANDARD WITH MINIMUM CLIMB OF 351 FT PER NM TO 1300.

TEXTUAL DEPARTURE PROCEDURES:

RWYS 1L, 1R: CLIMB HEADING 013.80 TO 2000, THENCE ...
RWYS 10L, 10R: CLIMBING LEFT TURN HEADING 053.00 TO INTERCEPT SFO R-090 TO 2300, THENCE...
RWYS 19L, 19R: CLIMBING LEFT TURN HEADING 053.00 TO INTERCEPT SFO R-090 TO 2600, THENCE...
RWYS 28R: CLIMB HEADING 283.81 TO 2000, THENCE...
RWYS 28L: CLIMB HEADING 283.82 TO 2000, THENCE...

...CONTINUE CLIMB ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1L, SIGN, FENCE BEGINNING 169 FT FROM DER, 226 FT LEFT OF CENTERLINE, UP TO 7 FT AGL/14 FT MSL. OBSTRUCTION LIGHT ON LEVEE AND FENCE BEGINNING 209 FT FROM DER, 2 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/14 FT MSL.

NOTE: RWY 1R, FENCE 3 FT FROM DER, 329 FT LEFT OF CENTERLINE, 7 FT AGL/13 FT MSL. TERRAIN 62 FT FROM DER, 330 FT LEFT OF CENTERLINE, 12 FT MSL. TERRAIN 91 FT FROM DER, 515 FT RIGHT OF CENTERLINE, 14 FT MSL. ANTENNA 230 FT FROM DER, 309 FT LEFT OF CENTERLINE, 20 FT AGL/25 FT MSL.

NOTE: RWY 10L, SIGN 62 FT FROM DER, 300 FT LEFT OF CENTERLINE, 4 FT AGL/15 FT MSL. BUILDING AND ROD ON BUILDING BEGINNING 257 FT FROM DER, 560 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/24 FT MSL.

NOTE: RWY 19L, FENCE BEGINNING 55 FT FROM DER, 462 FT LEFT OF CENTERLINE, UP TO 6 FT AGL/15 FT MSL. SIGN 4 FT FROM DER, 168 FT RIGHT OF CENTERLINE, 5 FT AGL/12 FT MSL. MULTIPLE POLES BEGINNING 754 FT FROM DER, 47 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/48 FT MSL. MULTIPLE POLES AND A SIGN BEGINNING 873 FT FROM DER, 337 FT RIGHT OF CENTERLINE, UP TO 20 FT AGL/38 FT MSL MULTIPLE BUILDINGS, TRANSMISSION TOWERS, POLES, TREES, SIGN, ELECTRICAL SYSTEM BEGINNING 1078 FT FROM DER, 12 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/127 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS, POLES, TREES, SIGN, ELECTRICAL SYSTEM BEGINNING 194 FT FROM DER, 81 FT RIGHT OF CENTERLINE. UP TO 100 FT AGL/128 FT MSL MULTIPLE BUILDINGS, TREES BEGINNING 4027 FT FROM DER, 152 FT RIGHT OF CENTERLINE UP TO 100 FT AGL/167 FT MSL.

NOTE: RWY 19R, MULTIPLE POLES, TREES, ELECTRICAL SYSTEM BEGINNING 898 FT FROM DER, 82 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/60 FT MSL. MULTIPLE TRANSMISSION TOWERS, TREES BEGINNING 1638 FT FROM DER, 7 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/96 FT MSL. MULIPLE TRANSMISSION TOWERS, TREES BEGINNING 1851 FT FROM DER. 16 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/85 FT MSL.

NOTE: RWY 28L, SIGN 19 FT FROM DER, 500 FT RIGHT OF CENTERLINE, 5 FT AGL/9 FT MSL. OBSTRUCTION LIGHTS ON DME BEGINNING 277 FT FROM DER, 162 FT LEFT OF CENTERLINE, UP TO 16 FT AGL/26 FT MSL. OBSTRUCTION LIGHT ON LOCALIZER BEGINNING ON CENTERLINE UP TO 10 FT AGL/17 FT MSL MULTIPLE POLES, ELECTRICAL SYSTEM BEGINNING 824 FT FROM DER, 300 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/56 FT MSL MULTIPLE BUILDINGS, TRANSMISSION TOWERS, TANK AND POLE BEGINNING 1305 FT FROM DER, 370 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

NOTE: RWY 28R, MULTIPLE SIGNS, BEGINNING 23 FT FROM DER, 140 FT RIGHT OF CENTERLINE, UP TO 5 FT AGL/10 FT MSL. TERRAIN BEGINNING 58 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 10 FT MSL. SIGN, 63 FT FROM DER, 250 FT LEFT OF CENTERLINE 5 FT AGL/8 FT MSL. TERRAIN BEGINNING 130 FT FROM DER, 235 FT LEFT OF CENTERLINE, UP TO 10 FT MSL, ANTENNA ON BUILDING, OBSTRUCTION LIGHT ON DME, TREE, BEGINNING 556 FT FROM DER, 268 FT RIGHT OF CENTERLINE, UP TO 35 FT AGL/43 FT MSL. MULTIPLE POLES BEGINNING 918 FT FROM DER, 598 FT LEFT OF CENTERLINE, UP TO 22 FT AGL/35 FT MSL MULTIPLE BUILDINGS, TREES BEGINNING 1467 FT FROM DER, 683 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/68 FT MSL. MULTIPLE BUILDINGS, TRANSMISSION TOWERS. TREES AND ELECTRICAL SYSTEM BEGINNING 1826 FT FROM DER, 123 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/103 FT MSL.

CONTROLLING OBSTACLES:

RWY 19L: 719 FT MSL TREE 373502.00N/1222400.00W, 1374 FT MSL AAO 373121.54N/1222305.21W.
RWY 19R: 719 FT MSL TREE 373502.00N/1222400.00W, 1374 FT MSL AAO 373121.54N/1222305.21W.
RWY 28L: 899 FT MSL TREE 373815.50N/1222748.11W. 949 FT MSL AAO 373906.44N/1222821.43W.
RWY 28R: 674 FT MSL TREE 373813.00N/1222644.00W, 949 FT MSL AAO 373906.44N/1222821.43W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT
RWY 1L, 1R, 10L, 10R, 19L, 19R, 28L, 28R: 2144 FT MSL AAO 373134 70N/1222523.40W , 1374 FT MSL AAO 374041.90N/1222524 25W

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
SAN FRANCISCO, CA	SAN FRANCISCO INTL	12 DECEMBER 2013	8A

REMARKS:

VCOA NOT ESTABLISHED AT ATC REQUEST DUE TO TRAFFIC CONGESTION.

FLIGHT INSPECTED BY:

KARL WAHLBORG 07/05/2012

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

RUSSELL K. CROW AJV-354 09/03/2013

APPROVED BY:

LARRY H. STROUD AJV-354 SEP 27 2013

COORDINATED WITH:

ATA, ALPA, AOPA, NBAA, AMGR, JOSHUA APP CON, ZLA

CHANGES:

TEXTUAL DEPARTURE PROCEDURES:

1. CHANGED RWYS 1L, 1R: CLIMB HEADING 010.80 TO 2000, THENCE ... TO READ RWYS 1L, 1R: CLIMB HEADING 013.80 TO 2000, THENCE...
2. CHANGED RWYS 10L, 10R: CLIMBING LEFT TURN HEADING 050.00 TO INTERCEPT SFO R-090 TO 2300, THENCE... TO READ RWYS 10L, 10R: CLIMBING LEFT TURN HEADING 053.00 TO INTERCEPT SFO R-090 TO 2300, THENCE ... .
3. CHANGED RWYS 19L, 19R: CLIMBING LEFT TURN HEADING 050.00 TO INTERCEPT SFO R-090 TO 2600, THENCE... TO READ RWYS 19L, 19R: CLIMBING LEFT TURN HEADING 053.00 TO INTERCEPT SFO R-090 TO 2600, THENCE...
4. CHANGED RWYS 28R: CLIMB HEADING 280.81 TO 2000, THENCE ... TO READ, RWYS 28R: CLIMB HEADING 283.81 TO 2000, THENCE...
5. CHANGED RWYS 28L: CLIMB HEADING 280.82 TO 2000, THENCE ... TO READ, RWYS 28L: CLIMB HEADING 283.82 TO 2000, THENCE...
6. RWY 1R, 25' MSL TOWER ADDED TO TAKEOFF OBSTACLE NOTES.

REASONS:

1 – 5: AIRPORT MAG VAR CHANGED FROM 17E TO 14E.
6. REF NOTAM FDC 3/4143

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOLTS (IAF)	FIMUR (FB)	261.42 / 7.10	7300
FIPSS (IAF)	FIMUR (FB)	355.24 / 5.62	7300
FIMUR (IF)	MELVN (FB)	292.79 / 6.05	7000
MELVN (FAF)	RW29 (MAP) (FO)	292.72 / 6.07	
RW29 (MAP)	5322 MSL	292.72	
5322 MSL	NIWOT (FO)		7400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

CLIMBING RIGHT TURN TO 7400 DIRECT NIWOT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7400.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 311.00 INBOUND.
CHART FAS OBST: 5329 AAO 400724N/1050521W
DISTANCE TO THLD FROM 291 HATH: 0.80 NM.
CHART VDP AT 2.29 MILES TO RW29*
*LNAV ONLY.
WAAS CHANNEL # 86834
REFERENCE PATH ID: W29A
CHART CIRCLING ICON
LTP HAE: 1517 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FIMUR
3. FAC: 292.72 FAF: MELVN DIST FAF TO MAP: 6.07 THLD: 6.07
4. MIN. ALT: FIMUR 7300, MELVN 7000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: MELVN 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 34.7 34:1 IS CLEAR
8. MSA FROM: RW29 15500

MAG VAR: 10E EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5322	1	291	5322	1	291	5322	1	291	5322	1	291			
LNAV/VNAV DA	5371	1 1/8	340	5371	1 1/8	340	5371	1 1/8	340	5371	1 1/8	340			
LNAV MDA	5800	1	769	5800	1 1/4	769	5800	2 1/2	769	5800	2 1/2	769			
CIRCLING	5800	1	745	5800	1 1/4	745	5860	2 1/2	805	6480	3	1425			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING DENVER INTL ALTIMETER SETTING.
@ CAT C 900-2 1/2, CAT D 1500-3
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25C (-13F) OR ABOVE 52C (127F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 5055 THRE: 5031 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LONGMONT, CO	VANCE BRAND	RNAV	RNAV (GPS) RWY 29, AMDT 2	AMDT: 1A
			12 DECEMBER 2013	DATED 09/23/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WOLTS ON V575 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FIPSS ON V85 SOUTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DENVER INTL ALTIMETER SETTING AND INCREASE ALL DA AND MDA 120 FT, INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CAT A AND CIRCLING CAT A AND C VISIBILITY 1/4 MILE.

CHART PLANVIEW NOTE: LIMIT MISSED APPROACH TO 210 KIAS.

CITY AND STATE	ELEVATION: 5055 THRE: 5031 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LONGMONT, CO	VANCE BRAND	RNAV	RNAV (GPS) RWY 29, AMDT 2 12 DECEMBER 2013	AMDT: 1A
				DATED: 09/23/2010

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLMO
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	400939.0160N
LTP/FTP LONGITUDE	1050923.0680W
LTP/FTP ELLIPSOIDAL HEIGHT	+15170
FPAP LATITUDE	401027.1105N
FPAP LONGITUDE	1051100.9380W
THRESHOLD CROSSING HEIGHT (TCH)	00034.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1288
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AE7EADD8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+15335
FPAP ORTHOMETRIC HEIGHT	+15335

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

                  1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FIMUR K20    W     N40030529W104560607                        E0086     NAR           FIMUR
        SUSAEAENRT   FIPSS K20    C   L N39572902W104564623                        E0086     NAR           FIPSS
        SUSAEAENRT   MELVN K20    W     N40062233W105024371                        E0087     NAR           MELVN
        SUSAEAENRT   NIWOT K20    C   L N40152600W104594061                        E0087     NAR           NIWOT
        SUSAEAENRT   WOLTS K20    C   L N40025506W104465137                        E0085     NAR           WOLTS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLMOK2ALMO     0     047YHN40095180W105094910E010005055         1800018000C    MNAR    VANCE BRAND

                  1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLMOK2FR29   AFIPSS 010FIPSSK2EA0E  A    IF                                                18000                 A JS
        SUSAP KLMOK2FR29   AFIPSS 020FIMURK2EA0EE B 010TF                      35520056    + 07300                            A JS
        SUSAP KLMOK2FR29   AWOLTS 010WOLTSK2EA0E  A    IF                                                18000                 A JS
        SUSAP KLMOK2FR29   AWOLTS 020FIMURK2EA0EE B 010TF                      26140071    + 07300                            A JS
        SUSAP KLMOK2FR29   R      010FIMURK2EA0E  I    IF                                   + 07300     18000                 A JS
        SUSAP KLMOK2FR29   R      020MELVNK2EA1E  F 051TF                      29280061    + 07000                  RW29  K2PGA JS
        SUSAP KLMOK2FR29   R      020MELVNK2EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KLMOK2FR29   R      030RW29 K2PG0GY M 031TF                      29270061      05066             -300           A JS
        SUSAP KLMOK2FR29   R      040         0  M     CA                      2927        + 05322                            A JS
        SUSAP KLMOK2FR29   R      050NIWOTK2EA0EY  R   DF                                   + 07400          210               A-JS
        SUSAP KLMOK2FR29   R      060NIWOTK2EA0EE  R   HM                      31100070    + 07400                            A JS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLMOK2GRW29    0047992927 N40093902W105092307+0500    +1517005031000035075R

                  1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLMOK2PR29   RW29 001 0000W29A0N4009390160W10509230680+151700300N4010271105W105110093801067512880003 47F400500AE7EADD8
        SUSAP KLMOK2PR29   RW29 002E      +15335+15335LPV       86834

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLMOK2SRW29 K2PG                0   18018015525                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5055 THRE: 5031	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LONGMONT, CO	AIRPORT NAME: VANCE BRAND	RNAV	RNAV (GPS) RWY 29, AMDT 2 12 DECEMBER 2013	AMDT: 1A DATED: 09/23/2010

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FIPSS	FIPSS	010	IAF	IF		FB					
	FIPSS	FIMUR	020		TF		FB	1.0	355.2(005.2T)	005.6	AA 07300	
	WOLTS	WOLTS	010	IAF	IF		FB					
	WOLTS	FIMUR	020		TF		FB	1.0	261.4(271.4T)	007.1	AA 07300	
		FIMUR	010	FACF	IF		FB				AA 07300	
		MELVN	020	FAF	TF		FB	0.5	292.8(302.8T)	006.1	AA 07000	
		RW29	030	MAP	TF		FO	0.3	292.7(302.7T)	006.1	AT 05066	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		292.7(302.7T)		AA 05322	
	NIWOT	050		DF	R	FO				AA 07400	AB 210
	NIWOT	060		HM	R	FO		311.0(321.0T)	007.0	AA 07400	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FIMUR	N400305.29	W1045606.07	N4003.088	W10456.101
	FIPSS	N395729.02	W1045646.23	N3957.484	W10456.771
	MELVN	N400622.33	W1050243.71	N4006.372	W10502.729
	NIWOT	N401526.00	W1045940.61	N4015.433	W10459.677
	WOLTS	N400255.06	W1044651.37	N4002.918	W10446.856
	RW29	N400939.02	W1050923.07	N4009.650	W10509.385

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW29	05031	35

QUALITY CHECKED

CITY AND STATE	ELEVATION: 5055 THRE: 5031 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LONGMONT, CO	VANCE BRAND	RNAV	RNAV (GPS) RWY 29, AMDT 2 12 DECEMBER 2013	AMDT: 1A DATED: 09/23/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ASTOR	KABEC (FO)	194.72 / 26.78	2300
OMN VORTAC	KABEC (FO)	288.88 / 14.33	2300
ROYES	KABEC (FO)	172.06 / 11.36	2300
BARBS (IAF)	KABEC (NOPT) (FB)	033.94 / 3.31	2300
KABEC (IF/IAF)	JABKU (FB)	060.43 / 6.02	1600
JABKU	RW06 (MAP) (FO)	060.47 / 4.73	
RW06 (MAP)	282 MSL	060.47	
282 MSL	GACDE (FO)		2300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 2300 DIRECT GACDE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW KABEC, RT, 060.43 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 060.47 FAF: JABKU DIST FAF TO MAP: 4.73 THLD: 4.73
4. MIN. ALT: KABEC 2300, JABKU 1600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: JABKU 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM: RW06 2300

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 240.59 INBOUND.
CHART FAS OBST: 111 TREE 292724N/0811251W
CHART FAS OBST: 448 TOWER 292738N/0811525W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.46 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 49209
REFERENCE PATH ID: W06A
LTP HAE: -19.8 M

MAG VAR: 6W EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	282	1	250	282	1	250	282	1	250	282	1	250			
LNAV/VNAV DA	361	1 1/4	329	361	1 1/4	329	361	1 1/4	329	361	1 1/4	329			
LNAV MDA	540	1	508	540	1	508	540	1 1/2	508	540	1 1/2	508			
CIRCLING	540	1	507	540	1	507	540	1 1/2	507	800	2 1/2	767			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10C (14F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAYTONA BEACH ALTIMETER SETTING AND INCREASE ALL DA 44 FEET ALL MDA 60 FEET AND INCREASE LNAV AND CIRCLING CAT D VISIBILITY 1/4 MILE.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 33 TDZE: 32 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PALM COAST, FL	FLAGLER COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED 09/25/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING DAYTONA BEACH ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 33 TDZE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PALM COAST, FL	AIRPORT NAME:	**RNAV**	**RNAV (GPS) RWY 6, AMDT 1A**	AMDT: 1
	FLAGLER COUNTY		12 DECEMBER 2013	DATED: **09/25/2008**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KXFL
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	292738.6625N
LTP/FTP LONGITUDE	0811243.9555W
LTP/FTP ELLIPSOIDAL HEIGHT	-00198
FPAP LATITUDE	292830.5100N
FPAP LONGITUDE	0811120.8400W
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	47290F2D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00088
FPAP ORTHOMETRIC HEIGHT	+00088

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

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OMN   K7011260V H NN29181177W081064561    N29181177W081064561E0000000242     NARORMOND BEACH

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ASTOR K70    R   L N29475530W081180611                      W0063     NAR           ASTOR
        SUSAEAENRT   BARBS K70    C   B N29182684W081243152                      W0061     NAR           BARBS
        SUSAEAENRT   GACDE K70    W     N29342241W081015564                      W0064     NAR           GACDE
        SUSAEAENRT   JABKU K70    W     N29245341W081170855                      W0062     NAR           JABKU
        SUSAEAENRT   KABEC K70    W     N29212288W081224494                      W0062     NAR           KABEC
        SUSAEAENRT   ROYES K70    R   L N29322601W081255286                      W0062     NAR           ROYES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXFLK7AXFL     0     050YHN29280260W081122280W006000033         1800018000C    MNAR    FLAGLER COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KXFLK7FR06   AASTOR 010ASTORK7EA0E       IF                                                18000                 A JS
        SUSAP KXFLK7FR06   AASTOR 020KABECK7EA0EY   020TF                     19470268    + 02300                             A JS
        SUSAP KXFLK7FR06   AASTOR 030KABECK7EA0EE AR   HF                     06040040    + 02300                             A JS
        SUSAP KXFLK7FR06   ABARBS 010BARBSK7EA0E  A    IF                                                18000                 A JS
        SUSAP KXFLK7FR06   ABARBS 020KABECK7EA0EE B 010TF                     03390033    + 02300                             A JS
        SUSAP KXFLK7FR06   AOMN   010OMN  K7D 0V       IF                                                18000                 A JS
        SUSAP KXFLK7FR06   AOMN   020KABECK7EA0EY   020TF                     28890143    + 02300                             A JS
        SUSAP KXFLK7FR06   AOMN   030KABECK7EA0EE AR   HF                     06040040    + 02300                             A JS
        SUSAP KXFLK7FR06   AROYES 010ROYESK7EA0E       IF                                                18000                 A JS
        SUSAP KXFLK7FR06   AROYES 020KABECK7EA0EY   020TF                     17210114    + 02300                             A JS
        SUSAP KXFLK7FR06   AROYES 030KABECK7EA0EE AR   HF                     06040040    + 02300                             A JS
        SUSAP KXFLK7FR06   R      010KABECK7EA0E  I    IF                                  + 02300     18000                 A JS
        SUSAP KXFLK7FR06   R      020JABKUK7EA1E  F 051TF                     06040060    + 01600                  RW06  K7PGA JS
        SUSAP KXFLK7FR06   R      020JABKUK7EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KXFLK7FR06   R      030RW06 K7PG0GY M 031TF                     06050047      00074             -300           A JS
        SUSAP KXFLK7FR06   R      040         0  M     CA                     0605        + 00282                             A JS
        SUSAP KXFLK7FR06   R      050GACDEK7EA0EY      DF                                  + 02300                             A JS
        SUSAP KXFLK7FR06   R      060GACDEK7EA0EE  R   HM                     24060040    + 02300                             A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: 33 TDZE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PALM COAST, FL	AIRPORT NAME: FLAGLER COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 09/25/2008

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.

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        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KXFLK7GRW06    0050000605 N29273866W081124396+0000    -0019800029000045100R
------------------------------------------------------------------------------------------------------------------------------
                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KXFLK7PR06   RW06 001 0000W06A0N2927386625W08112439555-001980300N2928305100W081112084001067512240004 50F40050047290F2D
        SUSAP KXFLK7PR06   RW06 002E      +00088+00088LPV       49209
------------------------------------------------------------------------------------------------------------------------------
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KXFLK7SRW06 K7PG                0   18018002325                                                                M
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CITY AND STATE	ELEVATION: 33 TDZE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PALM COAST, FL	AIRPORT NAME: FLAGLER COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 09/25/2008

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ASTOR	ASTOR	010		IF		FB					
	ASTOR	KABEC	020		TF		FO	2.0	194.7(188.7T)	026.8	AA 02300	
	ASTOR	KABEC	030	IAF	HF	R	FO		060.4(054.4T)	004.0	AA 02300	
	BARBS	BARBS	010	IAF	IF		FB					
	BARBS	KABEC	020		TF		FB	1.0	033.9(027.9T)	003.3	AA 02300	
	OMN	OMN	010		IF		FB					
	OMN	KABEC	020		TF		FO	2.0	288.9(282.9T)	014.3	AA 02300	
	OMN	KABEC	030	IAF	HF	R	FO		060.4(054.4T)	004.0	AA 02300	
	ROYES	ROYES	010		IF		FB					
	ROYES	KABEC	020		TF		FO	2.0	172.1(166.1T)	011.4	AA 02300	
	ROYES	KABEC	030	IAF	HF	R	FO		060.4(054.4T)	004.0	AA 02300	
		KABEC	010	FACF	IF		FB				AA 02300	
		JABKU	020	FAF	TF		FB	0.5	060.4(054.4T)	006.0	AA 01600	
		RW06	030	MAP	TF		FO	0.3	060.5(054.5T)	004.7	AT 00074	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		060.5(054.5T)		AA 00282	
	GACDE	050		DF		FO				AA 02300	
	GACDE	060		HM	R	FO		240.6(234.6T)	004.0	AA 02300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OMN	N291811.77	W0810645.61	N2918.196	W08106.760
	ASTOR	N294755.30	W0811806.11	N2947.922	W08118.102
	BARBS	N291826.84	W0812431.52	N2918.447	W08124.525
	GACDE	N293422.41	W0810155.64	N2934.374	W08101.927
	JABKU	N292453.41	W0811708.55	N2924.890	W08117.143
	KABEC	N292122.88	W0812244.94	N2921.381	W08122.749
	ROYES	N293226.01	W0812552.86	N2932.434	W08125.881
	RW06	N292738.66	W0811243.96	N2927.644	W08112.733

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00029	45

CITY AND STATE	ELEVATION: 33 TDZE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PALM COAST, FL	AIRPORT NAME: FLAGLER COUNTY	RNAV	RNAV (GPS) RWY 6, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 26 TDZE: 24	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
PUNTA GORDA, FL	AIRPORT NAME: **PUNTA GORDA**	**PGD**	**VOR RWY 4, AMDT 1B, 05/31/2012**	AMDT **1A**
				DATE **08/28/2008**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RUPPO (IAF)	WEBUS (NOPT) (FB)	094.49 / 5.00	2300
HENED (IAF)	WEBUS (NOPT) (FB)	274.59 / 5.00	2300
WEBUS (IF/IAF)	ZUMES (FB)	184.54 / 6.00	1500
ZUMES (FAF)	RW18 (MAP) (FO)	184.54 / 3.48	
RW18 (MAP)	1500 MSL		1500
1500 MSL	WEBUS (FO)		2300

MISSED APPROACH

LNAV: RW18

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2300 DIRECT WEBUS AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 650 TOWER 322044N/0840113W
WEBUS TO RW18: 3.03/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N WEBUS, RT, 184.54 INBOUND, 2300 FT. IN LIEU OF PT (IAF)
3. FAC: 184.54 FAF: ZUMES DIST FAF TO MAP: 3.48 THLD: 3.48
4. MIN. ALT: WEBUS 2300, ZUMES 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 4W EPOCH YEAR: 2005

MINIMUMS

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

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1020	1	683	1020	1	683	1020	2	683		NA				
CIRCLING	1020	1	683	1020	1	683	1020	2	683		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 337 TDZE: 337 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MONTEZUMA, GA	DR. C P SAVAGE SR.	RNAV	RNAV (GPS) RWY 18, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED 07/10/2003

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TAA

	FROM	TO	ALT
1.	094/30 CW 275/30 (NOPT)	WEBUS (IF/IAF)	2300
2.	275/30 CW 005/30	HENED (IAF)	2300
3.	005/30 CW 094/30	RUPPO (IAF)	2300

QUALITY CHECKED

CITY AND STATE	ELEVATION: 337 TDZE: 337	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MONTEZUMA, GA	AIRPORT NAME: DR. C P SAVAGE SR.	RNAV	RNAV (GPS) RWY 18, ORIG-A 12 DECEMBER 2013	AMDT: ORIG
				DATED: 07/10/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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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ARINC PACKET - 424-18 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HENED K70    W     N32275499W083542579                    W0050     NAR          HENED
        SUSAEAENRT   RUPPO K70    W     N32280066W084061494                    W0048     NAR          RUPPO
        SUSAEAENRT   WEBUS K70    W     N32275797W084002036                    W0049     NAR          WEBUS
        SUSAEAENRT   ZUMES K70    W     N32215721W084002438                    W0049     NAR          ZUMES

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 53A K7A53A     0     042YHN32180720W084002690W004000337        1800018000C    MNAR    DR. C P SAVAGE SR.

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 53A K7FR18   AHENED 010HENEDK7EA0E  A    IF                                          18000                 B JS
        SUSAP 53A K7FR18   AHENED 020WEBUSK7EA0EE B 010TF                   27460050    + 02300                          B JS
        SUSAP 53A K7FR18   ARUPPO 010RUPPOK7EA0E  A    IF                                          18000                 B JS
        SUSAP 53A K7FR18   ARUPPO 020WEBUSK7EA0EE B 010TF                   09450050    + 02300                          B JS
        SUSAP 53A K7FR18   AWEBUS 010WEBUSK7EA0EE AR   HF                   18450040    + 02300     18000                B JS
        SUSAP 53A K7FR18   R      010WEBUSK7EA0E  I    IF                               + 02300     18000                B JS
        SUSAP 53A K7FR18   R      020ZUMESK7EA1E  F 051TF                   18450060    + 01500                          B JS
        SUSAP 53A K7FR18   R      020ZUMESK7EA2WN          N          ALNAV                                                JS
        SUSAP 53A K7FR18   R      030RW18 K7PG0GY M 031TF                   18450035      00380             -303         B JS
        SUSAP 53A K7FR18   R      040          0  M     CA                   1845        + 01500                          B JS
        SUSAP 53A K7FR18   R      050WEBUSK7EA0EY  L   DF                               + 02300                          B JS
        SUSAP 53A K7FR18   R      060WEBUSK7EA0EE  R   HM                   18450040    + 02300                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 53A K7GRW18    0042201845 N32182803W084002670+0000    +0075800335000045075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 337 TDZE: 337	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MONTEZUMA, GA	AIRPORT NAME: **DR. C P SAVAGE SR.**	**RNAV**	**RNAV (GPS) RWY 18, ORIG-A** 12 DECEMBER 2013	AMDT: **ORIG**
				DATED: **07/10/2003**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HENED	HENED	010	IAF	IF		FB					
	HENED	WEBUS	020		TF		FB	1.0	274.6(270.6T)	005.0	AA 02300	
	RUPPO	RUPPO	010	IAF	IF		FB					
	RUPPO	WEBUS	020		TF		FB	1.0	094.5(090.5T)	005.0	AA 02300	
	WEBUS	WEBUS	010	IAF	HF	R	FO		184.5(180.5T)	004.0	AA 02300	
		WEBUS	010	PACF	IF		FB				AA 02300	
		ZUMES	020	FAF	TF		FB	0.5	184.5(180.5T)	006.0	AA 01500	
		RW18	030	MAP	TF		FO	0.3	184.5(180.5T)	003.5	AT 00380	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		184.5(180.5T)		AA 01500	
	WEBUS	050		DF	L	FO				AA 02300	
	WEBUS	060		HM	R	FO		184.5(180.5T)	004.0	AA 02300	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HENED	N322754.99	W0835425.79	N3227.917	W08354.430
	RUPPO	N322800.66	W0840614.94	N3228.011	W08406.249
	WEBUS	N322757.97	W0840020.36	N3227.966	W08400.339
	ZUMES	N322157.21	W0840024.38	N3221.954	W08400.406
	RW18	N321828.03	W0840026.70	N3218.467	W08400.445

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00335	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 337 TDZE: 337	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MONTEZUMA, GA	AIRPORT NAME: DR. C P SAVAGE SR.	RNAV	RNAV (GPS) RWY 18, ORIG-A 12 DECEMBER 2013	AMDT: ORIG
				DATED: 07/10/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
NUELG (IAF)	UBEXE (FB)	152.71 / 4.47	2600
UBEXE (IF)	WUYFI (FB)	147.63 / 5.22	2300
WUYFI (FAF)	RW15 (MAP) (FO)	147.67 / 4.78	
RW15 (MAP)	1112 MSL		
1112 MSL	UQITY (FO)		3000

MISSED APPROACH

LNAV: RW15

CLIMB TO 3000 DIRECT UQITY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 147.70 INBOUND.
FAS OBST: 1004 AAO 415038N/0883124W
CHART VDP AT 1.61 MILES TO RW15.
CHART 1010 TOWER 415143N/0883140W.
WUYFI TO RW15: 3.00/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NUELG
3. FAC: 147.67 FAF: WUYFI DIST FAF TO MAP: 4.78 THLD: 4.78
4. MIN. ALT: NUELG 2600, UBEXE 2600, WUYFI 2300
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: RW15 2600

MAG VAR: 1W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1260	1	548	1260	1	548	1260	1 5/8	548	1260	1 5/8	548			
CIRCLING	1260	1	548	1260	1	548	1260	1 5/8	548	1280	2	568			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NUELG ON V172 AND V177 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: VDP NA WITH CHICAGO O'HARE INTL ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 712 THRE: 712 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/AURORA, IL	AURORA MUNI	RNAV	RNAV (GPS) RWY 15, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED 11/30/2000

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO O'HARE INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CAT C/D AND CIRCLING CAT C VISIBILITY 1/8 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 712 THRE: 712	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/AURORA, IL	AIRPORT NAME: AURORA MUNI	RNAV	RNAV (GPS) RWY 15, ORIG-A 12 DECEMBER 2013	AMDT: ORIG
				DATED: 11/30/2000

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   NUELG K50    C   L N41590590W088392151                      W0029     NAR           NUELG
        SUSAEAENRT   UBEXE K50    W     N41550963W088363130                      W0030     NAR           UBEXE
        SUSAEAENRT   UQITY K50    W     N41420060W088245826                      W0031     NAR           UQITY
        SUSAEAENRT   WUYFI K50    W     N41504804W088324092                      W0030     NAR           WUYFI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KARRK5AARR     0     065YHN41461890W088283240W001000712         1800018000C    MNAR    AURORA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KARRK5FR15   ANUELG 010NUELGK5EA0E  A    IF                                  + 02600     18000                 B JS
        SUSAP KARRK5FR15   ANUELG 020UBEXEK5EA0EE B 010TF                      15270045    + 02600                           B JS
        SUSAP KARRK5FR15   R      010UBEXEK5EA0E  I    IF                                  + 02600     18000                 B JS
        SUSAP KARRK5FR15   R      020WUYFIK5EA1E  F 051TF                      14760052    + 02300                  RW15  K5PGB JS
        SUSAP KARRK5FR15   R      020WUYFIK5EA2WN          N          ALNAV                                                    JS
        SUSAP KARRK5FR15   R      030RW15 K5PG0GY M 031TF                      14770048      00757             -300           B JS
        SUSAP KARRK5FR15   R      040         0  M     CA                      1477        + 01112                           B JS
        SUSAP KARRK5FR15   R      050UQITYK5EA0EY      DF                                  + 03000                           B JS
        SUSAP KARRK5FR15   R      060UQITYK5EA0EE  R   HM                      14770040    + 03000                           B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KARRK5GRW15    0055031477 N41464810W088291016-0200    +0184000712000045100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KARRK5SRW15 K5PG                0   18018002625                                                                    M
```

CITY AND STATE	ELEVATION: 712 THRE: 712	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO/AURORA, IL	AIRPORT NAME: AURORA MUNI	RNAV	RNAV (GPS) RWY 15, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED: 11/30/2000

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	NUELG	NUELG	010	IAF	IF		FB				AA 02600	
	NUELG	UBEXE	020		TF		FB	1.0	152.7(151.7T)	004.5	AA 02600	
		UBEXE	010	FACF	IF		FB				AA 02600	
		WUYFI	020	FAF	TF		FB	0.5	147.6(146.6T)	005.2	AA 02300	
		RW15	030	MAP	TF		FO	0.3	147.7(146.7T)	004.8	AT 00757	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		147.7(146.7T)		AA 01112	
	UQITY	050		DF		FO				AA 03000	
	UQITY	060		HM	R	FO		147.7(146.7T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	NUELG	N415905.90	W0883921.51	N4159.098	W08839.359
	UBEXE	N415509.63	W0883631.30	N4155.161	W08836.522
	UQITY	N414200.60	W0882458.26	N4142.010	W08824.971
	WUYFI	N415048.04	W0883240.92	N4150.801	W08832.682
	RW15	N414648.10	W0882910.16	N4146.802	W08829.169

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00712	45

QUALITY CHECKED 9

CITY AND STATE	ELEVATION: 712 THRE: 712	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHICAGO/AURORA, IL	AIRPORT NAME: AURORA MUNI	RNAV	RNAV (GPS) RWY 15, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED: 11/30/2000

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZAVOV (IF/IAF)	OYOGO (FB)	176.19 / 5.32	3600
OYOGO *(FAF)*	GUCVE/1.50 NM TO RW18 (FB)	176.19 / 3.40	2500
GUCVE/1.50 NM TO RW18	RW18 (MAP) (FO)	176.19 / 1.50	
RW18 (MAP)	2290 MSL	176.19	
2290 MSL	UTUVE (FO)		*6000*

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 6000 DIRECT UTUVE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 356.19 INBOUND.
CHART FAS OBST: 2012 TREE 392147N/0991819W
DISTANCE TO THLD FROM 291 HATH: 0.79 NM.
WAAS CHANNEL # 82432
REFERENCE PATH ID: W18A
CHART CIRCLING ICON
LTP HAE: 583.5 M
CHART HILL CITY ASOS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ZAVOV, RT, 176.19 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 176.19 FAF: OYOGO DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: ZAVOV 4000, OYOGO 3600, GUCVE/1.50 NM TO RW18 2500*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: OYOGO 3600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 5E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2290	1	291	2290	1	291	2290	1	291		NA				
LNAV/VNAV DA	2340	1 1/8	341	2340	1 1/8	341	2340	1 1/8	341		NA				
LNAV MDA	2360	1	361	2360	1	361	2360	1	361		NA				
CIRCLING	2460	1	461	2480	1	481	2500	1 1/2	501		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE HILL CITY ALTIMETER SETTING; WHEN NOT RECEIVED, USE HAYS ALTIMETER SETTING.
CHART NOTE: CIRCLING NA WEST OF RWY 18-36.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1999 THRE: 1999 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STOCKTON, KS	ROOKS COUNTY	RNAV	RNAV (GPS) RWY 18, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
***LNAV ONLY**
CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	086/30 CW 266/30 (NOPT)	ZAVOV (IF/IAF) (FB)	4000
2.	266/30 CW 086/30	266/15 CW 086/15	4200
	266/15 CW 086/15	ZAVOV (IAF) (FO)	4000

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: **ROOKS COUNTY**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRCP
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	392112.4315N
LTP/FTP LONGITUDE	0991816.0820W
LTP/FTP ELLIPSOIDAL HEIGHT	+05835
FPAP LATITUDE	391943.2700N
FPAP LONGITUDE	0991818.4600W
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	08B0A6A6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+06093
FPAP ORTHOMETRIC HEIGHT	+06093

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: ROOKS COUNTY	RNAV	RNAV (GPS) RWY 18, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   GUCVE K30    W     N39224249W099181367                    E0053     NAR           GUCVE
         SUSAEAENRT   OYOGO K30    W     N39260673W099180820                    E0053     NAR           OYOGO
         SUSAEAENRT   UTUVE K30    W     N39100939W099183378                    E0053     NAR           UTUVE
         SUSAEAENRT   ZAVOV K30    W     N39312605W099175962                    E0053     NAR           ZAVOV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KRCPK3ARCP     0     050YHN39204770W099181670E005001999         1800018000C    MNAR    ROOKS COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KRCPK3FR18   AZAVOV 010ZAVOVK3EA0EE AR   HF                    17620050    + 04000     18000                A JS
         SUSAP KRCPK3FR18   R       010ZAVOVK3EA0E  I    IF                                + 04000     18000                A JS
         SUSAP KRCPK3FR18   R       020OYOGOK3EA1E  F 051TF                    17620053    + 03600                          A JS
         SUSAP KRCPK3FR18   R       020OYOGOK3EA2WALPV       ALNAV/VNAV ALNAV                                               JS
         SUSAP KRCPK3FR18   R       021GUCVEK3EA0E S  031TF                    17620034    V 0250002518        -300         A JS
         SUSAP KRCPK3FR18   R       030RW18 K3PG0GY M 031TF                    17620015      02039             -300         A JS
         SUSAP KRCPK3FR18   R       040         0  M     CA                    1762        + 02290                          A JS
         SUSAP KRCPK3FR18   R       050UTUVEK3EA0EY       DF                              + 06000                          A JS
         SUSAP KRCPK3FR18   R       060UTUVEK3EA0EE  R    HM                    35620050    + 06000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KRCPK3GRW18    0050001762 N39211243W099181608+0000    +05835019990000400 75R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KRCPK3PR18   RW18 001 0000W18A0N3921124315W09918160820+058350300N3919432700W099181846001067512240004 00F40050008B0A6A6
         SUSAP KRCPK3PR18   RW18 002E      +06093+06093LPV       82432
```

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: **ROOKS COUNTY**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ZAVOV	ZAVOV	010	IAF	HF	R	FO		176.2(181.2T)	005.0	AA 04000	
		ZAVOV	010	FACF	IF		FB				AA 04000	
		OYOGO	020	FAF	TF		FB	0.5	176.2(181.2T)	005.3	AA 03600	
		GUCVE	021	SDF	TF		FB	0.3	176.2(181.2T)	003.4	AA 02500 GS 02518	
		RW18	030	MAP	TF		FO	0.3	176.2(181.2T)	001.5	AT 02039	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		176.2(181.2T)		AA 02290	
	UTUVE	050		DF		FO				AA 06000	
	UTUVE	060		HM	R	FO		356.2(001.2T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GUCVE	N392242.49	W0991813.67	N3922.708	W09918.228
	OYOGO	N392606.73	W0991808.20	N3926.112	W09918.137
	UTUVE	N391009.39	W0991833.78	N3910.157	W09918.563
	ZAVOV	N393126.05	W0991759.62	N3931.434	W09917.994
	RW18	N392112.43	W0991816.08	N3921.207	W09918.268

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	01999	40

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: ROOKS COUNTY	RNAV	RNAV (GPS) RWY 18, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UTUVE (IF/IAF)	ZOMOR (FB)	356.19 / 5.32	3600
ZOMOR (FAF)	WAJHU/2.10 NM TO RW36 (FB)	356.19 / 2.80	2680
WAJHU/2.10 NM TO RW36	RW36 (MAP) (FO)	356.19 / 2.10	
RW36 (MAP)	2290 MSL	356.19	
2290 MSL	ZAVOV (FO)		6000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 6000 DIRECT ZAVOV AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 176.19 INBOUND.
CHART FAS OBST: 2077 TRMSN TWR 391854N/0991733W
CHART HILL CITY ASOS
DISTANCE TO THLD FROM 291 HATH: 0.79 NM.
WAAS CHANNEL # 40232
REFERENCE PATH ID: W36A
CHART CIRCLING ICON
LTP HAE: 583.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S UTUVE, RT, 356.19 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 356.19 FAF: ZOMOR DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: UTUVE 4000, ZOMOR 3600, WAJHU/2.10 NM TO RW36 2680*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3600 GS ALT AT: ZOMOR 3600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 5E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2290	1	291	2290	1	291	2290	1	291		NA				
LNAV/VNAV DA	2340	1 1/8	341	2340	1 1/8	341	2340	1 1/8	341		NA				
LNAV MDA	2420	1	421	2420	1	421	2420	1 1/4	421		NA				
CIRCLING	2460	1	461	2480	1	481	2500	1 1/2	501		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE HILL CITY ALTIMETER SETTING; WHEN NOT RECEIVED, USE HAYS ALTIMETER SETTING.
CHART NOTE: CIRCLING NA WEST OF RWY 18-36.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 1999 THRE: 1999 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
STOCKTON, KS	ROOKS COUNTY	RNAV	RNAV (GPS) RWY 36, ORIG 12 DECEMBER 2013	AMDT: NONE DATED

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

NOTES, (CONT.):
CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.
*LNAV ONLY

TAA

	FROM	TO	ALT
1.	266/30 CW 086/30	266/9 CW 086/9	4200
	266/9 CW 086/9 (NOPT)	UTUVE (IF/IAF) (FB)	4000
2.	086/30 CW 266/30	086/15 CW 266/15	4100
	086/15 CW 266/15	UTUVE (IAF) (FO)	4000

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: ROOKS COUNTY	RNAV	RNAV (GPS) RWY 36, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KRCP
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	392023.0265N
LTP/FTP LONGITUDE	0991817.4040W
LTP/FTP ELLIPSOIDAL HEIGHT	+05835
FPAP LATITUDE	392152.1900N
FPAP LONGITUDE	0991815.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0BE5878B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+06093
FPAP ORTHOMETRIC HEIGHT	+06093

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   UTUVE K30    W     N39100939W099183378                      E0053     NAR           UTUVE
        SUSAEAENRT   WAJHU K30    W     N39181695W099182077                      E0053     NAR           WAJHU
        SUSAEAENRT   ZAVOV K30    W     N39312605W099175962                      E0053     NAR           ZAVOV
        SUSAEAENRT   ZOMOR K30    W     N39152872W099182526                      E0053     NAR           ZOMOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRCPK3ARCP     0     050YHN39204770W099181670E005001999         1800018000C    MNAR    ROOKS COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRCPK3FR36   AUTUVE 010UTUVEK3EA0EE AR   HF                    35620050    + 04000     18000                A JS
        SUSAP KRCPK3FR36   R      010UTUVEK3EA0E  I    IF                                + 04000     18000                A JS
        SUSAP KRCPK3FR36   R      020ZOMORK3EA1E  F 051TF                    35620053    + 03600                          A JS
        SUSAP KRCPK3FR36   R      020ZOMORK3EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KRCPK3FR36   R      021WAJHUK3EA0E S  031TF                    35620028    V 0268002712        -300         A JS
        SUSAP KRCPK3FR36   R      030RW36 K3PG0GY M 031TF                    35620021      02039             -300         A JS
        SUSAP KRCPK3FR36   R      040         0  M     CA                    3562        + 02290                          A JS
        SUSAP KRCPK3FR36   R      050ZAVOVK3EA0EY      DF                              + 06000                          A JS
        SUSAP KRCPK3FR36   R      060ZAVOVK3EA0EE  R   HM                    17620050    + 06000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRCPK3GRW36    0050003562 N39202303W099181740+0000    +05835019990000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRCPK3PR36   RW36 001 0000W36A0N3920230265W09918174040+058350300N3921521900W099181501001067512240004 00F4005000BE5878B
        SUSAP KRCPK3PR36   RW36 002E      +06093+06093LPV      40232
```

CITY AND STATE	ELEVATION: 1999 THRE: 1999	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: **ROOKS COUNTY**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	UTUVE	UTUVE	010	IAF	HF	R	FO		356.2(001.2T)	005.0	AA 04000	
		UTUVE	010	FACF	IF		FB				AA 04000	
		ZOMOR	020	FAF	TF		FB	0.5	356.2(001.2T)	005.3	AA 03600	
		WAJHU	021	SDF	TF		FB	0.3	356.2(001.2T)	002.8	AA 02680 GS 02712	
		RW36	030	MAP	TF		FO	0.3	356.2(001.2T)	002.1	AT 02039	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		356.2(001.2T)		AA 02290	
	ZAVOV	050		DF		FO				AA 06000	
	ZAVOV	060		HM	R	FO		176.2(181.2T)	005.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	UTUVE	N391009.39	W0991833.78	N3910.157	W09918.563
	WAJHU	N391816.95	W0991820.77	N3918.283	W09918.346
	ZAVOV	N393126.05	W0991759.62	N3931.434	W09917.994
	ZOMOR	N391528.72	W0991825.26	N3915.479	W09918.421
	RW36	N392023.03	W0991817.40	N3920.384	W09918.290

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01999	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: **1999** THRE: **1999**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
STOCKTON, KS	AIRPORT NAME: **ROOKS COUNTY**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
STOCKTON, KS	ROOKS COUNTY	12 DECEMBER 2013	ORIG

TAKEOFF MINIMUMS:

RWY 18, 36, STANDARD
RWY 14, 32, NA - ENVIRONMENTAL

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
STOCKTON, KS	ROOKS COUNTY	12 DECEMBER 2013	ORIG

REMARKS:

FLIGHT INSPECTED BY: **REQUIRED EFFECTIVE DATE:**

Juan M. Castro 3/16/13

DEVELOPED BY:

JOHN R ROSARIO AJV-353 12/21/12

APPROVED BY:

LARRY STROUP AJV-353 10.22.13

COORDINATED WITH:

ZDV, ZKC, ALPA, AOPA, NBAA, AIRPORT MANAGER

CHANGES:

ORIG

REASONS:

FPT REQUEST

EFFECTIVE CONCURRENT WITH: AIRSPACE DOCKET _____

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUXIK (IAF)	JIKRU (NOPT) (FB)	301.54 / 3.80	2500
WOGEM (IAF)	JIKRU (NOPT) (FB)	121.44 / 3.80	2500
JIKRU (IF/IAF)	ZUBVO (FB)	211.49 / 4.17	2400
ZUBVO (FAF)	RW21 (MAP) (FO)	211.47 / 4.63	
RW21 (MAP)	1299 MSL	211.47	
1299 MSL	YANUR (FO)		2600

MISSED APPROACH

LP: RW21
LNAV: RW21

CLIMB TO 2600 DIRECT YANUR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 031.39 INBOUND.
CHART FAS OBST: 1090 TOWER 384404N/0842204W
WAAS CHANNEL # 40036
REFERENCE PATH ID: W21A
ZUBVO TO RW21: 3.00/41.
CHART CIRCLING ICON.
LTP HAE: 235.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JIKRU, LT, 211.49 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 211.47 FAF: ZUBVO DIST FAF TO MAP: 4.63 THLD: 4.63
4. MIN. ALT: JIKRU 2500, ZUBVO 2400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1340	1	455	1340	1	455		NA			NA				
LNAV MDA	1360	1	475	1360	1	475		NA			NA				
CIRCLING	1400	1	501	1400	1	501		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 CINCINNATI /NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 899 THRE: 885 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FALMOUTH, KY	GENE SNYDER	RNAV	RNAV (GPS) RWY 21, ORIG 12 DECEMBER 2013	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	121/30 CW 302/30 (NOPT)	121/15 CW 302/15	2900
2.	121/15 CW 302/15	JIKRU (IF/IAF) (FB)	2500
3.	302/30 CW 031/30	302/24 CW 031/24	2600
4.	302/24 CW 031/24	HUXIK (IAF) (FB)	2500
5.	031/30 CW 121/30	031/24 CW 121/24	2600
6.	031/24 CW 121/24	WOGEM (IAF) (FB)	2500

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 899 THRE: 885	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FALMOUTH, KY	AIRPORT NAME: GENE SNYDER	RNAV	RNAV (GPS) RWY 21, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K62
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	384232.5000N
LTP/FTP LONGITUDE	0842319.7300W
LTP/FTP ELLIPSOIDAL HEIGHT	+02356
FPAP LATITUDE	384111.9600N
FPAP LONGITUDE	0842408.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	0860DB30

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02696
FPAP ORTHOMETRIC HEIGHT	+02696

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUXIK K50    W     N38485137W084140613                    W0058     NAR           HUXIK
        SUSAEAENRT   JIKRU K50    W     N38502967W084182944                    W0058     NAR           JIKRU
        SUSAEAENRT   WOGEM K50    W     N38520780W084225295                    W0057     NAR           WOGEM
        SUSAEAENRT   YANUR K50    W     N38345682W084275583                    W0056     NAR           YANUR
        SUSAEAENRT   ZUBVO K50    W     N38464359W084204713                    W0057     NAR           ZUBVO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K62 K5AK62     0     039YHN38421467W084233055W006000899          1800018000C    MNAR    GENE SNYDER

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K62 K5FR21   AHUXIK 010HUXIKK5EA0E  A    IF                                          18000                A JS
        SUSAP K62 K5FR21   AHUXIK 020JIKRUK5EA0EE B 010TF                    30150038    + 02500                      A JS
        SUSAP K62 K5FR21   AJIKRU 010JIKRUK5EA0EE AL   HF                    21150040    + 02500     18000            A JS
        SUSAP K62 K5FR21   AWOGEM 010WOGEMK5EA0E  A    IF                                          18000            A JS
        SUSAP K62 K5FR21   AWOGEM 020JIKRUK5EA0EE B 010TF                    12140038    + 02500                      A JS
        SUSAP K62 K5FR21   R      010JIKRUK5EA0E  I    IF                                + 02500     18000            A JS
        SUSAP K62 K5FR21   R      020ZUBVOK5EA1E  F 051TF                    21150042    + 02400                      A JS
        SUSAP K62 K5FR21   R      020ZUBVOK5EA2WALP       N          ALNAV                                            JS
        SUSAP K62 K5FR21   R      030RW21 K5PG0GY M 031TF                    21150046      00926          -300        A JS
        SUSAP K62 K5FR21   R      040         0  M     CA                    2115        + 01299                      A JS
        SUSAP K62 K5FR21   R      050YANURK5EA0EY       DF                                + 02600                      A JS
        SUSAP K62 K5FR21   R      060YANURK5EA0EE  R    HM                    03140040    + 02600                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K62 K5GRW21    0039942114 N38423250W084231973+0400    +023560088500004l075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K62 K5PR21   RW21 001 0000W21A0N3842325000W08423197300+023560300N3841119600W0842408610010675153600041OF4000000860DB30
        SUSAP K62 K5PR21   RW21 002E      +02696+02696LP        40036
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 899 THRE: 885	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FALMOUTH, KY	AIRPORT NAME: GENE SNYDER	RNAV	RNAV (GPS) RWY 21, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HUXIK	HUXIK	010	IAF	IF		FB					
	HUXIK	JIKRU	020		TF		FB	1.0	301.5(295.5T)	003.8	AA 02500	
	JIKRU	JIKRU	010	IAF	HF	L	FO		211.5(205.5T)	004.0	AA 02500	
	WOGEM	WOGEM	010	IAF	IF		FB					
	WOGEM	JIKRU	020		TF		FB	1.0	121.4(115.4T)	003.8	AA 02500	
		JIKRU	010	FACF	IF		FB				AA 02500	
		ZUBVO	020	FAF	TF		FB	0.5	211.5(205.5T)	004.2	AA 02400	
		RW21	030	MAP	TF		FO	0.3	211.5(205.5T)	004.6	AT 00926	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		211.5(205.5T)		AA 01299	
	YANUR	050		DF		FO				AA 02600	
	YANUR	060		HM	R	FO		031.4(025.4T)	004.0	AA 02600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HUXIK	N384851.37	W0841406.13	N3848.856	W08414.102
	JIKRU	N385029.67	W0841829.44	N3850.495	W08418.491
	WOGEM	N385207.80	W0842252.95	N3852.130	W08422.883
	YANUR	N383456.82	W0842755.83	N3834.947	W08427.931
	ZUBVO	N384643.59	W0842047.13	N3846.727	W08420.786
	RW21	N384232.50	W0842319.73	N3842.542	W08423.329

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21	00885	41

CITY AND STATE	ELEVATION: **899** **THRE: 885**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FALMOUTH, KY	AIRPORT NAME: **GENE SNYDER**	**RNAV**	**RNAV (GPS) RWY 21, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: 4.94 MILES AFTER FLM VOR/DME OR AT MAJIB/ 4.94 DME FIX

CLIMBING RIGHT TURN TO 2500 DIRECT FLM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 315.00 INBOUND.
CHART FAS OBST: 1100 TOWER 384001N/0841847W
CHART AT OR ABOVE 2500 AT FLM VOR/DME.
CHART CIRCLING ICON.
FAC CROSSES MID POINT OF RWY 3-21.

1. PT **R** SIDE OF COURSE **134.65** OUTBOUND **2500** FT WITHIN **10** MILES OF **FLM VOR/DME** (IAF)
2.
3. FAC **314.65** FAF **FLM VOR/DME** DIST FAF TO MAP **4.94** THLD
4. MIN. ALT **FLM VOR/DME 2300**
8. MSA FROM: **FLM VOR/DME 2600**

MAG VAR: **4W** EPOCH YEAR:**1990**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1400**	**1**	**501**	**1400**	**1**	**501**		**NA**			**NA**				

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI /NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 899 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
FALMOUTH, KY	**GENE SNYDER**	**FLM**	**VOR-A, AMDT 3** 12 DECEMBER 2013	SUP **VOR OR GPS-A** / AMDT **2A** / DATE **01/18/2007**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HYK VORTAC	BRIDL LOM/RADAR	350.23 / 9.62	3200
GENUS INT	BRIDL LOM/RADAR	174.26 / 12.54	3200
SADDL INT/RADAR (IF/IAF)	BRIDL LOM/RADAR (NOPT)	225.57 / 6.32 (I-GNJ)	3200

MISSED APPROACH

ILS: DA
LOC: 6.59 MILES AFTER BRIDL LOM RADAR

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3100 DIRECT HYK VORTAC AND HOLD, OR AS DIRECTED BY ATC

ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3200 DIRECT BRIDL LOM/RADAR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 304.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE BRIDL LOM/RADAR, RT, 225.57 INBOUND.
CHART FAS OBST: 1225 TOWER 380657N/0843119W

1. PT L SIDE OF COURSE 045.57 OUTBOUND 3200 FT WITHIN 10 MILES OF BRIDL LOM (IAF)
2.
3. FAC: 225.57 FAF: BRIDL LOM/RADAR DIST FAF TO MAP: 6.59 THLD: 6.59
4. MIN. ALT: BRIDL LOM 3200
5. DIST TO THLD FROM OM: 6.59 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1051
6. MIN GS INCPT: 3200 GS ALT AT: - OM: 3167 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.9
8. MSA FROM: BRIDL LOM 3100

MAG VAR: 4W EPOCH YEAR: 1995

MINIMUMS

TAKEOFF: 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 22	1229	3/4	250	1229	3/4	250	1229	3/4	250	1229	3/4	250			
S-LOC 22	1520	1	541	1520	1	541	1520	1 1/2	541	1520	1 3/4	541			
CIRCLING	1520	1	541	1520	1	541	1520	1 1/2	541	1540	2	561			

NOTES:
CHART NOTE: CIRCLING TO RWY 27 NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAPITAL CITY ALTIMETER SETTING AND INCREASE DA 62 FEET AND ALL MDA 80 FEET AND INCREASE S-ILS 22 ALL CATS, S-LOC 22 CAT C AND D, AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 979 TDZE: 979 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LEXINGTON, KY	BLUE GRASS	I-GNJ	ILS OR LOC RWY 22, AMDT 20B 12 DECEMBER 2013	AMDT: 20A DATED 05/05/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED

QUALITY

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
LEXINGTON, KY	**ELEVATION: 979** **TDZE: 979** AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	SUP: AMDT: **20A** DATED: **05/05/2011**

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FLM   K5011700VDH  N38385816W084183827    N38385816W084183827W0040008102     NARFALMOUTH
        SUSAD        HYK   K5011260VTL  N37575886W084282106    N37575886W084282106E0000010351     NARLEXINGTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GENUS K50    C   L N38195089W084330667                    W0055     NAR           GENUS
        SUSAEAENRT   SADDL K50    R   L N38121519W084245930                    W0056     NAR           SADDL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5ALEX     0     070YHN38021230W084363110W004000979        1800018000C    MNAR    BLUE GRASS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5CBRIDL K50    R     N38072741W084302393                    W0055     NAR           BRIDL LOM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5FL22   AGENUS 010GENUSK5EA0E       IF                                          18000                  0 NS
        SUSAP KLEXK5FL22   AGENUS 020BRIDLK5PC0E       TF                                  + 03200                        0 NS
        SUSAP KLEXK5FL22   AGENUS 030BRIDLK5PC0EE AR   PI FLM K5      2004032800060100D     + 03200                        0 NS
        SUSAP KLEXK5FL22   AHYK   010HYK  K5D 0V       IF                                          18000                  0 NS
        SUSAP KLEXK5FL22   AHYK   020BRIDLK5PC0E       TF                                  + 03200                        0 NS
        SUSAP KLEXK5FL22   AHYK   030BRIDLK5PC0EE AR   PI FLM K5      2004032800060100D     + 03200                        0 NS
        SUSAP KLEXK5FL22   L      010SADDLK5EA0E  I     IF IGNJK5      04560145        PI     + 03200    18000               0 NS
        SUSAP KLEXK5FL22   L      020BRIDLK5PC0E  F     CF IGNJK5      0456008122600063PI    + 03200              GN     K5PN0 NS
        SUSAP KLEXK5FL22   L      030RW22 K5PG0GY M     CF IGNJK5      0455001522600066PI      01029         -311          0 NS
        SUSAP KLEXK5FL22   L      040          0  M     CA                    2256             + 02000                        0 NS
        SUSAP KLEXK5FL22   L      050HYK  K5D 0VY  L    DF                                     + 03100                        0 NS
        SUSAP KLEXK5FL22   L      060HYK  K5D 0VE  R    HM                   3040T010          + 03100                        0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5GRW22    0070042256 N38023149W084355631-0500    +026310097300005615OIIGNJ1

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

CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

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```
ILS     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5IIGNJ1   011175RW22 N38012238W0843713732256N38022537W0843607392336 10510600300W00405600974

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5SGN   K5PN              0   18018003125                                                                          M

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKLEXK5 GN    K5003400HOLW N38072844W084302501                    W0040          NARBRIDL
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CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GENUS	GENUS	010		IF		FB					
	GENUS	BRIDL	020		TF		FB				AA 03200	
	GENUS	BRIDL	030	IAF	PI	R	FB		000.6()	010.0	AA 03200	
	HYK	HYK	010		IF		FB					
	HYK	BRIDL	020		TF		FB				AA 03200	
	HYK	BRIDL	030	IAF	PI	R	FB		000.6()	010.0	AA 03200	
		SADDL	010	FACF	IF		FB				AA 03200	
		BRIDL	020	FAF	CF		FB		226.0()	006.3	AA 03200	
		RW22	030	MAP	CF		FO		226.0()	006.6	AT 01029	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		225.6()		AA 02000	
	HYK	050		DF	L	FO				AA 03100	
	HYK	060		HM	R	FO		304.0()	T01.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLM	N383858.16	W0841838.27	N3838.969	W08418.638
	HYK	N375758.86	W0842821.06	N3757.981	W08428.351
	GENUS	N381950.89	W0843306.67	N3819.848	W08433.111
	SADDL	N381215.19	W0842459.30	N3812.253	W08424.988
	BRIDL	N380727.41	W0843023.93	N3807.457	W08430.399
	RW22	N380231.49	W0843556.31	N3802.525	W08435.939
	IGNJ (LOC)	N380122.38	W0843713.73	N3801.373	W08437.229
	GN	N380728.44	W0843025.01	N3807.474	W08430.417

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00973	56

CITY AND STATE	ELEVATION: **979** **TDZE: 979**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

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ARINC PACKET - 424-18 - ILS

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FLM   K5011700VDH  N38385816W084183827    N38385816W084183827W0040008102     NARFALMOUTH
        SUSAD        HYK   K5011260VTL  N37575886W084282106    N37575886W084282106E0000010351     NARLEXINGTON

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   GENUS K50    C   L N38195089W084330667                    W0055     NAR           GENUS
        SUSAEAENRT   SADDL K50    R   L N38121519W084245930                    W0056     NAR           SADDL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5ALEX     0     070YHN38021230W084363110W004000979        1800018000C    MNAR    BLUE GRASS

                1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5CBRIDL K50    R     N38072741W084302393                    W0055     NAR           BRIDL LOM

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5FI22   AGENUS 010GENUSK5EA0E       IF                                          18000                 0 NS
        SUSAP KLEXK5FI22   AGENUS 020BRIDLK5PC0E       TF                                  + 03200                       0 NS
        SUSAP KLEXK5FI22   AGENUS 030BRIDLK5PC0EE AR   PI FLM K5      2004032800060100D    + 03200                       0 NS
        SUSAP KLEXK5FI22   AHYK   010HYK  K5D 0V       IF                                          18000                 0 NS
        SUSAP KLEXK5FI22   AHYK   020BRIDLK5PC0E       TF                                  + 03200                       0 NS
        SUSAP KLEXK5FI22   AHYK   030BRIDLK5PC0EE AR   PI FLM K5      2004032800060100D    + 03200                       0 NS
        SUSAP KLEXK5FI22   I      010SADDLK5EA0E  I     IF IGNJK5      04560145        PI   J 0320003200180000                0 NS
        SUSAP KLEXK5FI22   I      020BRIDLK5PC0E  F     CF IGNJK5      0456008122600063PI   H 0320003167        -300GN    K5PN0 NS
        SUSAP KLEXK5FI22   I      030RW22 K5PG0GY M     CF IGNJK5      0455001522600066PI     01029             -300          0 NS
        SUSAP KLEXK5FI22   I      040          0  M     CA                    2256          + 02000                       0 NS
        SUSAP KLEXK5FI22   I      050HYK  K5D 0VY  L    DF                                  + 03100                       0 NS
        SUSAP KLEXK5FI22   I      060HYK  K5D 0VE  R    HM                    3040T010      + 03100                       0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5GRW22    0070042256 N38023149W084355631-0500    +026310097300005615OIIGNJ1

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

CITY AND STATE	ELEVATION: **979** **TDZE: 979**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

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```
ILS     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5IIGNJ1   011175RW22 N38012238W0843713732256N38022537W0843607392336 10510600300W00405600974

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEXK5SGN   K5PN              0   18018003125                                                              M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAPNKLEXK5 GN    K5003400HOLW N38072844W084302501                    W0040          NARBRIDL
```

CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GENUS	GENUS	010		IF		FB					
	GENUS	BRIDL	020		TF		FB				AA 03200	
	GENUS	BRIDL	030	IAF	PI	R	FB		000.6()	010.0	AA 03200	
	HYK	HYK	010		IF		FB					
	HYK	BRIDL	020		TF		FB				AA 03200	
	HYK	BRIDL	030	IAF	PI	R	FB		000.6()	010.0	AA 03200	
		SADDL	010	FACF	IF		FB				AA 03200 GI 03200	
		BRIDL	020	FAF	CF		FB		226.0()	006.3	GI 03200 GS 03167	
		RW22	030	MAP	CF		FO		226.0()	006.6	AT 01029	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		225.6()		AA 02000	
	HYK	050		DF	L	FO				AA 03100	
	HYK	060		HM	R	FO		304.0()	T01.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLM	N383858.16	W0841838.27	N3838.969	W08418.638
	HYK	N375758.86	W0842821.06	N3757.981	W08428.351
	GENUS	N381950.89	W0843306.67	N3819.848	W08433.111
	SADDL	N381215.19	W0842459.30	N3812.253	W08424.988
	BRIDL	N380727.41	W0843023.93	N3807.457	W08430.399
	RW22	N380231.49	W0843556.31	N3802.525	W08435.939
	IGNJ (LOC)	N380122.38	W0843713.73	N3801.373	W08437.229
	GN	N380728.44	W0843025.01	N3807.474	W08430.417

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22	00973	56

CITY AND STATE	ELEVATION: 979 TDZE: 979	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LEXINGTON, KY	AIRPORT NAME: **BLUE GRASS**	**I-GNJ**	**ILS OR LOC RWY 22, AMDT 20B** 12 DECEMBER 2013	AMDT: **20A**
				DATED: **05/05/2011**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MLU VORTAC (IF/IAF)	WUMKU/MLU 10.00 DME	094.97 / 10.00	1500

MISSED APPROACH

MAP: CAGYA/MLU VORTAC 13.48 DME FIX

CLIMBING LEFT TURN TO 3000 ON MLU VORTAC R-089 TO STUEE/MLU 19.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 269.37 INBOUND.
CHART FAS OBST: 187 TREE 322852N/0914636W
FAC CROSSES MID POINT OF RWY 18-36.
CHART 365 TOWER 322904N/0915009W
CHART MONROE ASOS
CHART CIRCLING ICON

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W MLU VORTAC, LT, 094.97 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC 094.97 FAF WUMKU/MLU 10.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT MLU VORTAC 2000, WUMKU 1500
8. MSA FROM: MLU VORTAC 140-230 3100, 230-140 2200

MAG VAR: 3E EPOCH YEAR:1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	600	1	517	600	1	517		NA			NA				

NOTES:

CHART NOTE: CIRCLING TO RWY 18 NA AT NIGHT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON MLU VORTAC AIRWAY RADIALS 157 CW 318.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: USE MONROE ALTIMETER SETTING; WHEN NOT RECEIVED USE BASTROP ALTIMETER SETTING AND INCREASE ALL MDA 20FT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 83 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
RAYVILLE, LA	JOHN H HOOKS JR MEMORIAL	MLU	VOR/DME-A, AMDT 3 12 DECEMBER 2013	AMDT 2 DATE 11/27/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 409 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CHURCHVILLE, MD	HARFORD COUNTY	PPM	VOR/DME-A, AMDT 1A, 02/16/2006	AMDT 1
				DATE 7/13/2000

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CRISFIELD, MD	**CRISFIELD MUNI**	**SWL**	**VOR/DME-A, ORIG-A, 11/19/2009**	AMDT **ORIG**
				DATE **11/23/2006**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES				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: 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 12 DECEMBER 2013

QUALITY CHECKED 9

CITY AND STATE	ELEVATION: 1401 TDZE: 1391	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GREENVILLE, ME	AIRPORT NAME: GREENVILLE MUNI	XQA	NDB RWY 14, AMDT 5, 03/12/2009	AMDT 4C
				DATE 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
BAY CITY, MI	JAMES CLEMENTS MUNI	12 DECEMBER 2013	6

TAKEOFF MINIMUMS:

WATERWAY 9, 13, 18, 27, 31, 36 NA – ENVIRONMENTAL
RWY 5, 18, 23, 36 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 18: CLIMB HEADING 180.22 TO 2000 BEFORE TURNING LEFT.
RWY 23: CLIMB HEADING 228.77 TO 1200 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, ROAD 260 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/604 FT MSL.

TREE 1171 FT FROM DER, 277 FT LEFT OF CENTERLINE, 87 FT AGL/678 FT MSL.

NOTE: RWY 18, BUSHES BEGINNING 186 FT FROM DER, 151 FT RIGHT OF CENTERLINE, 6 FT AGL/596 FT MSL.

TREES BEGINNING 350 FT FROM DER, 200 FT LEFT OF CENTERLINE, 10 FT AGL/597 FT MSL.

TREES BEGINNING 1368 FT FROM DER, 59 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/673 FT MSL.

TREES BEGINNING 1768 FT FROM DER, 330 FT LEFT OF CENTERLINE, UP TO 95 FT AGL/699 FT MSL.

TREES BEGINNING 2353 FT FROM DER, 127 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/680 FT MSL.

NOTE: RWY 23, TREES 1120 FT FROM DER, 130 FT RIGHT OF CENTERLINE, 40 FT AGL/624 FT MSL.

NOTE: RWY 36, TREES BEGINNING 103 FT FROM DER, 50 FT LEFT OF CENTERLINE, UP TO 27 FT AGL/621 FT MSL.

TREES BEGINNING 436 FT FROM DER, 162 FT RIGHT OF CENTERLINE, UP TO 90 FT AGL/681 FT MSL.

POLE 538 FT FROM DER, 434 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/609 FT MSL.

TREES BEGINNING 1856 FT FROM DER, 17 FT LEFT OF CENTERLINE, UP TO 87 FT AGL/681 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 18/23 – 1627 FT MSL TOWER 432824.08N/0835040.89W
1635 FT MSL TOWER 432814.00N/0835035.00W

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
BAY CITY, MI	JAMES CLEMENTS MUNI	12 DECEMBER 2013	6

REMARKS:

FLIGHT INSPECTED BY:

JEFF RANDALL Digitally signed by Jill Olson FIOG 10/1/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY;

ROBERT ABBOTT Digitally signed by Jill Olson AJV-353 5/13/2013

APPROVED BY:

DEBORAH COPELAND Digitally signed by Jill Olson AJV-353 10/17/2013

COORDINATED WITH:

AOPA, NBAA, SAGINAW ATCT, ZOB, AMGR

CHANGES:

1. WATERWAY 9/27 NA
2. ADD WATERWAY 9, 13, 18, 27, 31, 36 NA
3. CHANGE RWY 5, 18, 23 AND 36 TAKEOFF MINIMUMS TO STANDARD
4. REVISE DEPARTURE PROCEDURES
5. UPDATE RWY 5, 18, 23, 36 TAKEOFF OBSTACLE NOTES

REASONS:

1. RWY 9/27 IS A WATERWAY
2. ENVIRONMENTAL – NO WATERWAY OR OBSTACLE SURVEY DATA.
3. CRITERIA EVALUATION
4. CLEAR 1627 FT MSL AND 1635 FT MSL TOWERS
5. NGS ANA-LPV 08/31/2006 SURVEY OBSTACLE PENETRATIONS

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DRBRN/19.55 DME/RADAR (IAF)	BHOLD/16.56 DME/RADAR	214.71 / 2.99 (I-DWC)	6000
BHOLD/16.56 DME/RADAR	LUPAY/13.52 DME/RADAR	214.71 / 3.03 (I-DWC)	5000
LUPAY/13.52 DME/RADAR	OSKER/10.44 DME/RADAR	214.71 / 3.09 (I-DWC)	4000
OSKER/10.44 DME/RADAR (IF)	ROUGE/7.30 DME/RADAR	214.71 / 3.14 (I-DWC)	3000
ROUGE/7.30 DME/RADAR	HULKA INT/5.16 DME/RADAR	214.71 / 2.14 (I-DWC)	2300

MISSED APPROACH

ILS: DA
LOC: 5.32 MILES AFTER HULKA INT/I-DWC 5.16 DME/RADAR OR AT I-DWC 0.17 DME FIX

CLIMB TO 3000 ON HEADING 215 AND CRL VORTAC R-025 TO CRL VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT SPENC LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 016.00 INBOUND.
CHART FAS OBST: 785 TOWER 421919N/0831742W
CHART VDP AT 1.05 DME*;
DISTANCE VDP TO THLD 1.22 MILES.
*LOC ONLY.
CHART IN PLANVIEW: SPENC LOM.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT SPENC LOM.
CHART LOC RWY 21L.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DRBRN
3. FAC: 214.71 FAF: HULKA INT/5.16 DME/RADAR DIST FAF TO MAP: 5.32 THLD: 5.32
4. MIN. ALT: DRBRN 7000, BHOLD 6000, LUPAY 5000, OSKER 4000, ROUGE 3000, HULKA 2300
5. DIST TO THLD FROM OM: 5.32 MM: - IM: - 150 HAT: 1932 100 HAT: 928 GS ANT: 1201
6. MIN GS INCPT: 2300 GS ALT AT: HULKA 2300 OM: - MM: - IM: -
7. GS ANGLE: 2.85 TCH: 54.0
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: 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 22L**	836	2400	200	836	2400	200	836	2400	200	836	2400	200			
S-LOC 22L	1080	2400	444	1080	2400	444	1080	4500	444	1080	4500	444			
CIRCLING	1200	1	555	1200	1	555	1200	1 1/2	555	1200	2	555			

NOTES:
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 22L: CAT A, B, C, D, RA 148 , RVR 1400, HATh 150, DA 786 MSL.
SA CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 22L: CAT A, B, C, D, RA 98, RVR 1200, HATh 100, DA 736 MSL.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 645 THRE: 636 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS OR LOC RWY 22L, AMDT 30 ILS RWY 22L (SA CAT I) ILS RWY 22L (SA CAT II)	AMDT: 29 DATED 09/25/2008

12 DECEMBER 2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 21L.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS OR LOC RWY 22L, AMDT 30 ILS RWY 22L (SA CAT I) ILS RWY 22L (SA CAT II)	AMDT: 29
			12 DECEMBER 2013	DATED: 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD         CRL   K5011570VTH  N42025289W083272729    N42025289W083272729W0030006292     NARCARLETON
          SUSAD         DXO   K5011340VDHW N42124729W083215999    N42124729W083215999W0060006382     NARDETROIT
          SUSAD KDTWK5  IDWC  K5011070 IT                      IDWCN42135969W083205036     006500     NARDETROIT METROPOLITAN WAYNE COU

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT    BHOLD K50     R     N42283224W083100861                    W0074     NAR           BHOLD
          SUSAEAENRT    DRBRN K50     R     N42310924W083081176                    W0075     NAR           DRBRN
          SUSAEAENRT    HULKA K50     R     N42183253W083173320                    W0073     NAR           HULKA
          SUSAEAENRT    LUPAY K50     C     N42255265W083120718                    W0074     NAR           LUPAY
          SUSAEAENRT    OSKER K50     R     N42231035W083140758                    W0074     NAR           OSKER
          SUSAEAENRT    ROUGE K50     R     N42202519W083160989                    W0073     NAR           ROUGE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5ADTW      0     120YHN42124470W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5FI22L  ADRBRN 010DRBRNK5EA0E  A    IF                                  + 07000     18000                0 NS
          SUSAP KDTWK5FI22L  ADRBRN 020BHOLDK5EA0E       TF                                  + 06000                          0 NS
          SUSAP KDTWK5FI22L  ADRBRN 030LUPAYK5EA0E       TF                                  + 05000                          0 NS
          SUSAP KDTWK5FI22L  ADRBRN 040OSKERK5EA0E  B    TF                                  + 04000                          0 NS
          SUSAP KDTWK5FI22L  ADRBRN 050ROUGEK5EA0EE      CF IDWCK5      0347009621470031PI   + 03000                          0 NS
          SUSAP KDTWK5FI22L  I      010ROUGEK5EA0E  I    IF IDWCK5      03470096        PI   J 030000230018000                0 NS
          SUSAP KDTWK5FI22L  I      020HULKAK5EA0E  F    CF IDWCK5      0347007521500021PI   H 0230002300        -285DXO   K5D 0 NS
          SUSAP KDTWK5FI22L  I      030RW22LK5PG0GY M    CF IDWCK5      0347002121500053PI     00690             -285           0 NS
          SUSAP KDTWK5FI22L  I      040          0  M    VI                   2150                                               0 NS
          SUSAP KDTWK5FI22L  I      050CRL  K5D 0VY       CF CRL K5      0000000020500100D    + 03000                          0 NS
          SUSAP KDTWK5FI22L  I      060CRL  K5D 0VE  R    HM                   0160T010     + 03000                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5GRW22L   0120032147 N42135237W083205997+0000     +01593006360000542001IDWC1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CITY AND STATE	ELEVATION: **645** THRE: **636** / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	**DETROIT METROPOLITAN WAYNE COUNTY**	**I-DWC**	**ILS OR LOC RWY 22L, AMDT 30** **ILS RWY 22L (SA CAT I)** **ILS RWY 22L (SA CAT II)**	AMDT: **29** DATED: **09/25/2008**

12 DECEMBER 2013

QUALITY 1 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.

```
SUSAP KDTWK5IIDWC1   011070RW22LN42115954W0832223062147N42134386W0832112291019 12010308285W00605400636

              1         2         3         4         5         6         7         8         9         0         1         2         3
MSA  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KDTWK5SDXO  K5D                0   18018002825                                                                    M
```

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS OR LOC RWY 22L, AMDT 30 ILS RWY 22L (SA CAT I) ILS RWY 22L (SA CAT II)	AMDT: 29 DATED: 09/25/2008

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

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DRBRN	DRBRN	010	IAF	IF		FB				AA 07000	
	DRBRN	BHOLD	020		TF		FB				AA 06000	
	DRBRN	LUPAY	030		TF		FB				AA 05000	
	DRBRN	OSKER	040		TF		FB				AA 04000	
	DRBRN	ROUGE	050		CF		FB		214.7()	003.1	AA 03000	
		ROUGE	010	FACF	IF		FB				AA 03000 GI 02300	
		HULKA	020	FAF	CF		FB		215.0()	002.1	GI 02300 GS 02300	
		RW22L	030	MAP	CF		FO		215.0()	005.3	AT 00690	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		215.0()			
	CRL	050		CF		FO		205.0()	010.0	AA 03000	
	CRL	060		HM	R	FO		016.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRL	N420252.89	W0832727.29	N4202.882	W08327.455
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	IDWC (DME)	N421359.69	W0832050.36	N4213.995	W08320.839
	BHOLD	N422832.24	W0831008.61	N4228.537	W08310.144
	DRBRN	N423109.24	W0830811.76	N4231.154	W08308.196
	HULKA	N421832.53	W0831733.20	N4218.542	W08317.553
	LUPAY	N422552.65	W0831207.18	N4225.878	W08312.120
	OSKER	N422310.35	W0831407.58	N4223.173	W08314.126
	ROUGE	N422025.19	W0831609.89	N4220.420	W08316.165
	RW22L	N421352.37	W0832059.97	N4213.873	W08321.000
	IDWC (LOC)	N421159.54	W0832223.06	N4211.992	W08322.384

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00636	54

QUALITY CHECKED

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-DWC**	**ILS OR LOC RWY 22L, AMDT 30** **ILS RWY 22L (SA CAT I)** **ILS RWY 22L (SA CAT II)**	AMDT: **29** DATED: **09/25/2008**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC PACKET - 424-18 - LOC

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        CRL   K5011570VTH  N42025289W083272729    N42025289W083272729W0030006292     NARCARLETON
          SUSAD        DXO   K5011340VDHW N42124729W083215999    N42124729W083215999W0060006382     NARDETROIT
          SUSAD KDTWK5 IDWC  K5011070 IT                    IDWCN42135969W083205036     006500     NARDETROIT METROPOLITAN WAYNE COU

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BHOLD K50    R     N42283224W083100861                    W0074     NAR          BHOLD
          SUSAEAENRT   DRBRN K50    R     N42310924W083081176                    W0075     NAR          DRBRN
          SUSAEAENRT   HULKA K50    R     N42183253W083173320                    W0073     NAR          HULKA
          SUSAEAENRT   LUPAY K50    C     N42255265W083120718                    W0074     NAR          LUPAY
          SUSAEAENRT   OSKER K50    R     N42231035W083140758                    W0074     NAR          OSKER
          SUSAEAENRT   ROUGE K50    R     N42202519W083160989                    W0073     NAR          ROUGE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5ADTW     0     120YHN42124470W083211220W006000645         1800018000C    MNAR    DETROIT METROPOLITAN WAYNE COU

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5FL22L  ADRBRN 010DRBRNK5EA0E  A    IF                                  + 07000     18000                0 NS
          SUSAP KDTWK5FL22L  ADRBRN 020BHOLDK5EA0E       TF                                  + 06000                          0 NS
          SUSAP KDTWK5FL22L  ADRBRN 030LUPAYK5EA0E       TF                                  + 05000                          0 NS
          SUSAP KDTWK5FL22L  ADRBRN 040OSKERK5EA0E  B    TF                                  + 04000                          0 NS
          SUSAP KDTWK5FL22L  ADRBRN 050ROUGEK5EA0EE      CF IDWCK5      0347009621470031PI   + 03000                          0 NS
          SUSAP KDTWK5FL22L  L      010ROUGEK5EA0E  I    IF IDWCK5      03470096        PI   + 03000     18000               0 NS
          SUSAP KDTWK5FL22L  L      020HULKAK5EA0E  F    CF IDWCK5      0347007521500021PI   + 02300                DXO   K5D 0 NS
          SUSAP KDTWK5FL22L  L      030RW22LK5PG0GY M    CF IDWCK5      0347002121500053PI     00690          -286              0 NS
          SUSAP KDTWK5FL22L  L      040          0  M    VI                   2150                                               0 NS
          SUSAP KDTWK5FL22L  L      050CRL  K5D 0VY       CF CRL K5      0000000020500100D    + 03000                          0 NS
          SUSAP KDTWK5FL22L  L      060CRL  K5D 0VE  R    HM                   0160T010       + 03000                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDTWK5GRW22L   0120032147 N42135237W083205997+0000     +01593006360000542001IDWC1

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

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-DWC**	**ILS OR LOC RWY 22L, AMDT 30** **ILS RWY 22L (SA CAT I)** **ILS RWY 22L (SA CAT II)**	AMDT: **29** DATED: **09/25/2008**

12 DECEMBER 2013

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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 KDTWK5IIDWC1   011070RW22LN42115954W0832223062147N42134386W0832112291019 12010308285W00605400636
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDTWK5SDXO  K5D                 0   18018002825                                                                  M
```

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS OR LOC RWY 22L, AMDT 30 ILS RWY 22L (SA CAT I) ILS RWY 22L (SA CAT II)	AMDT: 29 DATED: 09/25/2008

12 DECEMBER 2013

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DRBRN	DRBRN	010	IAF	IF		FB				AA 07000	
	DRBRN	BHOLD	020		TF		FB				AA 06000	
	DRBRN	LUPAY	030		TF		FB				AA 05000	
	DRBRN	OSKER	040		TF		FB				AA 04000	
	DRBRN	ROUGE	050		CF		FB		214.7()	003.1	AA 03000	
		ROUGE	010	FACF	IF		FB				AA 03000	
		HULKA	020	FAF	CF		FB		215.0()	002.1	AA 02300	
		RW22L	030	MAP	CF		FO		215.0()	005.3	AT 00690	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		VI		FB		215.0()			
	CRL	050		CF		FO		205.0()	010.0	AA 03000	
	CRL	060		HM	R	FO		016.0()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRL	N420252.89	W0832727.29	N4202.882	W08327.455
	DXO	N421247.29	W0832159.99	N4212.788	W08322.000
	IDWC (DME)	N421359.69	W0832050.36	N4213.995	W08320.839
	BHOLD	N422832.24	W0831008.61	N4228.537	W08310.144
	DRBRN	N423109.24	W0830811.76	N4231.154	W08308.196
	HULKA	N421832.53	W0831733.20	N4218.542	W08317.553
	LUPAY	N422552.65	W0831207.18	N4225.878	W08312.120
	OSKER	N422310.35	W0831407.58	N4223.173	W08314.126
	ROUGE	N422025.19	W0831609.89	N4220.420	W08316.165
	RW22L	N421352.37	W0832059.97	N4213.873	W08321.000
	IDWC (LOC)	N421159.54	W0832223.06	N4211.992	W08322.384

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW22L	00636	54

CITY AND STATE	ELEVATION: **645** **THRE: 636**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: **DETROIT METROPOLITAN WAYNE COUNTY**	**I-DWC**	**ILS OR LOC RWY 22L, AMDT 30** **ILS RWY 22L (SA CAT I)** **ILS RWY 22L (SA CAT II)**	AMDT: **29** DATED: **09/25/2008**

12 DECEMBER 2013

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DRBRN/19.55 DME/RADAR (IAF)	BHOLD/16.56 DME/RADAR	214.71 / 2.99 (I-DWC)	6000
BHOLD/16.56 DME/RADAR	LUPAY/13.52 DME/RADAR	214.71 / 3.03 (I-DWC)	5000
LUPAY/13.52 DME/RADAR	OSKER/10.44 DME/RADAR	214.71 / 3.09 (I-DWC)	4000
OSKER/10.44 DME/RADAR (IF)	ROUGE/7.30 DME/RADAR	214.71 / 3.14 (I-DWC)	3000
ROUGE/7.30 DME/RADAR	HULKA INT/5.16 DME/RADAR	214.71 / 2.14 (I-DWC)	2300

MISSED APPROACH

ILS: DA

CLIMB TO 3000 ON HEADING 215 AND CRL VORTAC R-025 TO CRL VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 DIRECT SPENC LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 016.00 INBOUND.
CHART IN PLANVIEW: SPENC LOM.
CHART LOC RWY 21L.
CHART OFFSET LOC RWY 22R.
DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT SPENC LOM.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT DRBRN
3. FAC: 214.71 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: DRBRN 7000, BHOLD 6000, LUPAY 5000, OSKER 4000, ROUGE 3000, HULKA 2300
5. DIST TO THLD FROM OM: 5.32 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1201
6. MIN GS INCPT: 2300 GS ALT AT: HULKA 2300 OM: - MM: - IM: -
7. GS ANGLE: 2.85 TCH: 54.0
8. MSA FROM: DXO VOR/DME 2800

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: 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 22L**	836	2400	200	836	2400	200	836	2400	200	836	2400	200			

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: SIMULTANEOUS CLOSE PARALLEL APPROACH AUTHORIZED WITH ILS PRM RWY 21L AND ILS PRM RWY 22R. (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 645 THRE: 636 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS PRM RWY 22L, ORIG-C (SIMULTANEOUS CLOSE PARALLEL) 12 DECEMBER 2013	AMDT: ORIG-B DATED 06/27/2013

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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

NOTES, (CONT.):

CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN GLIDE SLOPE NOT AVAILABLE.
CHART NOTE: DUAL VHF COMM REQUIRED.
CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

CITY AND STATE	ELEVATION: 645 THRE: 636	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DETROIT, MI	AIRPORT NAME: DETROIT METROPOLITAN WAYNE COUNTY	I-DWC	ILS PRM RWY 22L, ORIG-C (SIMULTANEOUS CLOSE PARALLEL) 12 DECEMBER 2013	AMDT: ORIG-B
				DATED: 06/27/2013

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
LINDEN, MI	PRICES	12 DECEMBER 2013	5

TAKEOFF MINIMUMS:

RWY 9, 27 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9, TREES BEGINNING 446 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1009 FT MSL.

NOTE: RWY 27, TREES BEGINNING 18 FT FROM DER, 103 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1019 FT MSL. TREES BEGINNING 30 FT FROM DER, 204 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1009 FT MSL.

CONTROLLING OBSTACLES:

QUALITY CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
LINDEN, MI	PRICES	12 DECEMBER 2013	5

REMARKS:

RWY 9/27: ICA AND DIVERSE AREAS ASC. SATELLITE IMAGERY (06/02/2011) AND MAP STUDY USED TO DERIVE TAKEOFF NOTES DUE TO LACK OF SURVEY.

FLIGHT INSPECTED BY:

MIKE HUSTAK Digitally signed by Jill Olson FIOG 10/08/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

JILL M. OLSON (COLTON CROWDER) Digitally signed by Jill Olson AJV-353 06/06/2013

APPROVED BY:

LARRY STROUT Digitally signed by Jill Olson AJV-353 10/17/2013

COORDINATED WITH:

AOPA, NBAA, ZOB, FNT APP CON, AMGR

CHANGES:

1. TAKEOFF OBSTACLE NOTES ADDED.
2. DELETED RWYS 18/36.

REASONS:

1. NUMEROUS LOW CLOSE-IN OBSTACLES.
2. PER AVNIS AND NASR, RWY NO LONGER EXISTS.

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
JELVA (IF/IAF)	SOVKE (FB)	182.16 / 5.00	2000
SOVKE (FAF)	POQXE/1.80 NM TO RW18 (FB)	182.16 / 3.36	
POQXE/1.80 NM TO RW18	RW18 (MAP) (FO)	182.16 / 1.80	
RW18 (MAP)	713 MSL	182.16	
713 MSL	CEDKA (FO)		3000

MISSED APPROACH

LNAV: RW18

CLIMB TO 3000 DIRECT CEDKA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 002.16 INBOUND.
FAS OBST: 519 AAO 365225N/0892106W
SOVKE TO RW18: 3.00/45
CHART CIRCLING ICON
CHART SIKESTON AWOS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF _____ (IAF)
2. HOLD N JELVA, RT, 182.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 182.16 FAF: SOVKE DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: JELVA 3000, SOVKE 2000, POQXE/1.80 NM TO RW18 920
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: _____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 2W EPOCH YEAR: 2015

MINIMUMS

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

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	800	1	487	800	1	487		NA			NA				
CIRCLING	800	1	487	860	1	547		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: USE SIKESTON ALTIMETER SETTING, IF NOT RECEIVED USE CAIRO ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHARLESTON, MO	MISSISSIPPI COUNTY	RNAV	RNAV (GPS) RWY 18, ORIG	AMDT: NONE
			12 DECEMBER 2013	DATED

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

NOTES, (CONT.):
INCREASE ALL MDA 20 FT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	272/30 CW 092/30 (NOPT)	272/20 CW 092/20	3500
2.	272/20 CW 092/20	JELVA (IF/IAF) (FB)	3000
3.	092/30 CW 272/30	JELVA (IF/IAF) (FO)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHARLESTON, MO	AIRPORT NAME: MISSISSIPPI COUNTY	RNAV	RNAV (GPS) RWY 18, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEDKA K30    W     N36400577W089213691                    W0016     NAR           CEDKA
        SUSAEAENRT   JELVA K30    W     N37005769W089213255                    W0016     NAR           JELVA
        SUSAEAENRT   POQXE K30    W     N36523568W089213430                    W0016     NAR           POQXE
        SUSAEAENRT   SOVKE K30    W     N36555731W089213360                    W0016     NAR           SOVKE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3ACHQ     0     031YHN36503169W089213477W002000313         18000180000C    MNAR    MISSISSIPPI COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3FR18   AJELVA 010JELVAK3EA0EE AR   HF                    18220040    + 03000     18000                B JS
        SUSAP KCHQK3FR18   R       010JELVAK3EA0E  I    IF                                + 03000     18000                B JS
        SUSAP KCHQK3FR18   R       020SOVKEK3EA1E  F 051TF                    18220050    + 02000                          B JS
        SUSAP KCHQK3FR18   R       020SOVKEK3EA2WN          N          ALNAV                                               JS
        SUSAP KCHQK3FR18   R       021POQXEK3EA0E S  031TF                    18220034    V 0092000931        -300         B JS
        SUSAP KCHQK3FR18   R       030RW18 K3PG0GY M 031TF                    18220018      00358             -300         B JS
        SUSAP KCHQK3FR18   R       040         0  M     CA                    1822        + 00713                          B JS
        SUSAP KCHQK3FR18   R       050CEDKAK3EA0EY       DF                              + 03000                          B JS
        SUSAP KCHQK3FR18   R       060CEDKAK3EA0EE  R    HM                    00220040    + 03000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3GRW18    0031961822 N36504754W089213468+0000    +006730031300004506OR
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHARLESTON, MO	AIRPORT NAME: **MISSISSIPPI COUNTY**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JELVA	JELVA	010	IAF	HF	R	FO		182.2(180.2T)	004.0	AA 03000	
		JELVA	010	FACF	IF		FB				AA 03000	
		SOVKE	020	FAF	TF		FB	0.5	182.2(180.2T)	005.0	AA 02000	
		POQXE	021	SDF	TF		FB	0.3	182.2(180.2T)	003.4	AA 00920 GS 00931	
		RW18	030	MAP	TF		FO	0.3	182.2(180.2T)	001.8	AT 00358	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		182.2(180.2T)		AA 00713	
	CEDKA	050		DF		FO				AA 03000	
	CEDKA	060		HM	R	FO		002.2(000.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEDKA	N364005.77	W0892136.91	N3640.096	W08921.615
	JELVA	N370057.69	W0892132.55	N3700.962	W08921.543
	POQXE	N365235.68	W0892134.30	N3652.595	W08921.572
	SOVKE	N365557.31	W0892133.60	N3655.955	W08921.560
	RW18	N365047.54	W0892134.68	N3650.792	W08921.578

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18	00313	45

CITY AND STATE	ELEVATION: 313 THRE: 313 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHARLESTON, MO	**MISSISSIPPI COUNTY**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CEDKA (IF/IAF)	ZEROV (FB)	002.16 / 5.00	2000
ZEROV (FAF)	RW36 (MAP) (FO)	002.16 / 5.16	
RW36 (MAP)	713 MSL	002.16	
713 MSL	JELVA (FO)		3000

MISSED APPROACH

LNAV: RW36

CLIMB TO 3000 DIRECT JELVA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 182.16 INBOUND.
CHART FAS OBST: 517 TOWER 364749N/0892117W
519 AAO 364448N/0892120W
ZEROV TO RW36: 3.00/45
CHART CIRCLING ICON
CHART SIKESTON AWOS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S CEDKA, RT, 002.16 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 002.16 FAF: ZEROV DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: CEDKA 3000, ZEROV 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 2W EPOCH YEAR: 2015

MINIMUMS

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

ALTERNATE: N A | X |

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	800	1	487	800	1	487		NA			NA				
CIRCLING	800	1	487	860	1	547		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLE NOT COINCIDENT.
CHART NOTE: USE SIKESTON ALTIMETER SETTING, WHEN NOT RECEIVED USE CAIRO, IL ALTIMETER SETTING AND (SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHARLESTON, MO	AIRPORT NAME: MISSISSIPPI COUNTY	RNAV	RNAV (GPS) RWY 36, ORIG	AMDT: NONE
			12 DECEMBER 2013	DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
INCREASE ALL MDA 20 FT.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

TAA

	FROM	TO	ALT
1.	272/30 CW 092/30 (NOPT)	CEDKA (IF/IAF) (FB)	3000
2.	092/30 CW 272/30	CEDKA (IF/IAF) (FO)	3000

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHARLESTON, MO	ELEVATION: 313 THRE: 313 AIRPORT NAME: MISSISSIPPI COUNTY	RNAV	RNAV (GPS) RWY 36, ORIG 12 DECEMBER 2013	AMDT: NONE DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEDKA K30    W     N36400577W089213691                    W0016     NAR           CEDKA
        SUSAEAENRT   JELVA K30    W     N37005769W089213255                    W0016     NAR           JELVA
        SUSAEAENRT   ZEROV K30    W     N36450617W089213587                    W0016     NAR           ZEROV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3ACHQ     0     031YHN36503169W089213477W002000313         1800018000C    MNAR    MISSISSIPPI COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3FR36   ACEDKA 010CEDKAK3EA0EE AR   HF                    00220040    + 03000     18000                B JS
        SUSAP KCHQK3FR36   R      010CEDKAK3EA0E  I    IF                                + 03000     18000                B JS
        SUSAP KCHQK3FR36   R      020ZEROVK3EA1E  F 051TF                    00220050    + 02000                          B JS
        SUSAP KCHQK3FR36   R      020ZEROVK3EA2WN          N          ALNAV                                               JS
        SUSAP KCHQK3FR36   R      030RW36 K3PG0GY M 031TF                    00220052      00358           -300           B JS
        SUSAP KCHQK3FR36   R      040          0  M     CA                    0022        + 00713                          B JS
        SUSAP KCHQK3FR36   R      050JELVAK3EA0EY       DF                              + 03000                          B JS
        SUSAP KCHQK3FR36   R      060JELVAK3EA0EE  R    HM                    18220040    + 03000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCHQK3GRW36    0031960022 N36501594W089213479+0000     +006730031300004506OR
```

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHARLESTON, MO	AIRPORT NAME: MISSISSIPPI COUNTY	RNAV	RNAV (GPS) RWY 36, ORIG 12 DECEMBER 2013	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CEDKA	CEDKA	010	IAF	HF	R	FO		002.2(000.2T)	004.0	AA 03000	
		CEDKA	010	FACF	IF		FB				AA 03000	
		ZEROV	020	FAF	TF		FB	0.5	002.2(000.2T)	005.0	AA 02000	
		RW36	030	MAP	TF		FO	0.3	002.2(000.2T)	005.2	AT 00358	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		002.2(000.2T)		AA 00713	
	JELVA	050		DF		FO				AA 03000	
	JELVA	060		HM	R	FO		182.2(180.2T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CEDKA	N364005.77	W0892136.91	N3640.096	W08921.615
	JELVA	N370057.69	W0892132.55	N3700.962	W08921.543
	ZEROV	N364506.17	W0892135.87	N3645.103	W08921.598
	RW36	N365015.94	W0892134.79	N3650.266	W08921.580

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	00313	45

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 313 THRE: 313	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
CHARLESTON, MO	AIRPORT NAME: **MISSISSIPPI COUNTY**	**RNAV**	**RNAV (GPS) RWY 36, ORIG**	AMDT: **NONE**
			12 DECEMBER 2013	DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
CHARLESTON, MO	MISSISSIPPI COUNTY	12 DECEMBER 2013	ORIG

TAKEOFF MINIMUMS:

RWY 18, 36, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18: TREES BEGINNING 404 FT FROM DER, 380 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/394 FT MSL. TREES BEGINNING 2766 FT FROM DER, 670 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/394 FT MSL. TREES BEGINNING 2772 FT FROM DER, 318 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/394 FT MSL.
NOTE: RWY 36: VEHICLES ON ROAD BEGINNING 511 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/329 FT MSL. TREES BEGINNING 2045 FT FROM DER, 875 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/394 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

QUALITY 2 CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
CHARLESTON, MO	MISSISSIPPI COUNTY	12 DECEMBER 2013	ORIG

FLIGHT INSPECTED BY:

DANIEL E. STRICKER Digitally signed by Jill Olson FIOG 10/8/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

JILL OLSEN (JARED WINGO) Digitally signed by Jill Olson AJV-353 11/29/2012

APPROVED BY:

LARRY STROUT Digitally signed by Jill Olson AJV-353 10/17/2013

COORDINATED WITH:

ALPA, AOPA, NBAA, AMGR, ZME ARTCC, MO STATE AERO

CHANGES:

ORIG.

REASONS:

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 TDZE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CLARKSDALE, MS	AIRPORT NAME: **FLETCHER FIELD**	**UJM**	**VOR/DME RWY 18, ORIG-B, 05/05/2011**	AMDT **ORIG-A**
				DATE **08/03/2006**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CECAR/GLH 12.00 DME CCW (IAF)	LOBDE/GLH 12.00 DME (NOPT)	12.00 DME ARC (GLH LR-007)	2000
EDOME/GLH 12.00 DME CW (IAF)	LOBDE/GLH 12.00 DME (NOPT)	12.00 DME ARC (GLH LR-345)	2000
LOBDE/GLH 12.00 DME (IF)	QUAAK OM/ GLH 3.17 DME	177.00 / 8.83 (I-GLH)	1800

MISSED APPROACH

ILS: DA
LOC: 4.77 MILES AFTER QUAAK OM/GLH 3.17 DME

CLIMB TO 2000 ON GLH VOR/DME R-176 TO FLAMM INT/11.98 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN RIGHT TURN ON GLH VOR/DME R-218 TO AVONS INT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.80 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW AVONS INT, RT, 037.68 INBOUND.
CHART FAS OBST: 239 TREE 333418N/0905919W
CHART GLH BRG-007 AT CECAR.
CHART GLH BRG-345 AT EDOME.
CHART IN PLANVIEW: AVONS INT.

1. PT L SIDE OF COURSE 357.00 OUTBOUND 1800 FT WITHIN 10 MILES OF GLH VOR/DME (IAF)
2.
3. FAC: 177.00 FAF: QUAAK OM/ GLH 3.17 DME DIST FAF TO MAP: 4.77 THLD: 4.77
4. MIN. ALT: QUAAK OM 1800
5. DIST TO THLD FROM OM: 4.77 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1049
6. MIN GS INCPT: 1800 GS ALT AT: - OM: 1723 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.1
8. MSA FROM: GLH VOR/DME 3200

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: 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 18L	329	2400	200	329	2400	200	329	2400	200	329	2400	200			
S-LOC 18L	500	2400	371	500	2400	371	500	2400	371	500	4000	371			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			
GREENWOOD ALTIMETER SETTING MINIMUMS															
S-ILS 18L	529	4000	400	529	4000	400	529	4000	400	529	4000	400			
S-LOC 18L	700	4000	571	700	4000	571	700	5000	571	700	6000	571			
CIRCLING	800	1 1/4	669	800	1 1/4	669	800	2	669	800	2 1/4	669			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GREENWOOD ALTIMETER SETTING, INCREASE S-ILS 18L AND S-LOC 18L ALL CATS VISIBILITY 1/2 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 131 TDZE: 129 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, MS	GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F DATED 10/18/2012

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GLH   K7011020VDL  N33312471W090585858    N33312471W090585858E0040001301     NARGREENVILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CECAR K70    R   L N33301388W090444152                    W0003     NAR           CECAR
        SUSAEAENRT   EDOME K70    R   L N33321168W091131798                    E0000     NAR           EDOME

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131         1800018000C    MNAR    GREENVILLE MID-DELTA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7CFLAMM K70    R     N33192457W090585551                    W0001     NAR           FLAMM
        SUSAP KGLHK7CLOBDE K70    R     N33432604W090585552                    W0002     NAR           LOBDE
        SUSAP KGLHK7CQUAAK K70    R     N33343550W090585552                    W0001     NAR           QUAAK OM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7FI18L  ACECAR 010CECARK7EA0E  A    IF GLH K7      09160120        D                18000                  0 NS
        SUSAP KGLHK7FI18L  ACECAR 020LOBDEK7PC0EE BL   AF GLH K7      356201200916    D   + 02000                                0 NS
        SUSAP KGLHK7FI18L  AEDOME 010EDOMEK7EA0E  A    IF GLH K7      26980120        D                18000                  0 NS
        SUSAP KGLHK7FI18L  AEDOME 020LOBDEK7PC0EE BR   AF GLH K7      356201202698    D   + 02000                                0 NS
        SUSAP KGLHK7FI18L  AGLH   010GLH  K7D 0VE AR   PI GLH K7      00000000312001000D   + 01800     18000                      0 NS
        SUSAP KGLHK7FI18L  I      010LOBDEK7PC0E  I    IF IGLHK7      35700151        PI  J 0200001800180 00                     0 NS
        SUSAP KGLHK7FI18L  I      020QUAAKK7PC0E  F    CF IGLHK7      3570006317700088PI  H 0180001723          -300GLH   K7D 0 NS
        SUSAP KGLHK7FI18L  I      030RW18LK7PG0GY M    CF IGLHK7      3570001517700048PI    00182               -300           0 NS
        SUSAP KGLHK7FI18L  I      040FLAMMK7PC0EYM     CF GLH K7      17580120175801100D   + 02000                                0 NS
        SUSAP KGLHK7FI18L  I      050FLAMMK7PC0EE  R   HM                      3558T010    + 02000                                0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7GRW18L   0080011770 N33294874W090585552+0000    +0012600129000053150IIGLH1

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

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**I-GLH**	**ILS OR LOC RWY 18L, AMDT 9G** 12 DECEMBER 2013	AMDT: **9F**
				DATED: **10/18/2012**

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

```
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7IIGLH1   010910RW18LN33281970W0905855521770N33293836W0905851621000 10490445300E00305300127
                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7SGLH  K7D                0   18018003225                                                                    M
```

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F DATED: 10/18/2012

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

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CECAR	CECAR	010	IAF	IF		FB					
	CECAR	LOBDE	020		AF	L	FB		091.6()		AA 02000	
	EDOME	EDOME	010	IAF	IF		FB					
	EDOME	LOBDE	020		AF	R	FB		269.8()		AA 02000	
	GLH	GLH	010	IAF	PI	R	FB		312.0()	010.0	AA 01800	
		LOBDE	010	FACF	IF		FB				AA 02000 GI 01800	
		QUAAK	020	FAF	CF		FB		177.0()	008.8	GI 01800 GS 01723	
		RW18L	030	MAP	CF		FO		177.0()	004.8	AT 00182	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FLAMM	040		CF		FO		175.8()	011.0	AA 02000	
	FLAMM	050		HM	R	FO		355.8()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLH	N333124.71	W0905858.58	N3331.412	W09058.976
	CECAR	N333013.88	W0904441.52	N3330.231	W09044.692
	EDOME	N333211.68	W0911317.98	N3332.195	W09113.300
	FLAMM	N331924.57	W0905855.51	N3319.410	W09058.925
	LOBDE	N334326.04	W0905855.52	N3343.434	W09058.925
	QUAAK	N333435.50	W0905855.52	N3334.592	W09058.925
	RW18L	N332948.74	W0905855.52	N3329.812	W09058.925
	IGLH (LOC)	N332819.70	W0905855.52	N3328.328	W09058.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00129	53

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F
				DATED: 10/18/2012

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GLH   K7011020VDL  N33312471W090585858    N33312471W090585858E0040001301     NARGREENVILLE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CECAR K70    R   L N33301388W090444152                    W0003     NAR           CECAR
        SUSAEAENRT   EDOME K70    R   L N33321168W091131798                    E0000     NAR           EDOME

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131         1800018000C    MNAR    GREENVILLE MID-DELTA

                1         2         3         4         5         6         7         8         9         0         1         2         3
TRM WP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7CFLAMM K70    R     N33192457W090585551                    W0001     NAR           FLAMM
        SUSAP KGLHK7CLOBDE K70    R     N33432604W090585552                    W0002     NAR           LOBDE
        SUSAP KGLHK7CQUAAK K70    R     N33343550W090585552                    W0001     NAR           QUAAK OM

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7FL18L  ACECAR 010CECARK7EA0E  A    IF GLH K7      09160120        D                18000                  0 NS
        SUSAP KGLHK7FL18L  ACECAR 020LOBDEK7PC0EE BL   AF GLH K7      356201200916    D   + 02000                                0 NS
        SUSAP KGLHK7FL18L  AEDOME 010EDOMEK7EA0E  A    IF GLH K7      26980120        D                18000                  0 NS
        SUSAP KGLHK7FL18L  AEDOME 020LOBDEK7PC0EE BR   AF GLH K7      356201202698    D   + 02000                                0 NS
        SUSAP KGLHK7FL18L  AGLH   010GLH  K7D 0VE AR   PI GLH K7      00000000312001000D  + 01800    18000                       0 NS
        SUSAP KGLHK7FL18L  L      010LOBDEK7PC0E  I    IF IGLHK7      35700151        PI  + 02000    18000                       0 NS
        SUSAP KGLHK7FL18L  L      020QUAAKK7PC0E  F    CF IGLHK7      3570006317700088PI  + 01800                GLH   K7D 0 NS
        SUSAP KGLHK7FL18L  L      030RW18LK7PG0GY M    CF IGLHK7      3570001517700048PI    00182          -320                 0 NS
        SUSAP KGLHK7FL18L  L      040FLAMMK7PC0EYM     CF GLH K7      17580120175801100D  + 02000                                0 NS
        SUSAP KGLHK7FL18L  L      050FLAMMK7PC0EE  R   HM                      3558T010  + 02000                                0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7GRW18L   0080011770 N33294874W090585552+0000    +0012600129000053150IIGLH1

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

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F
				DATED: 10/18/2012

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```
SUSAP KGLHK7IIGLH1   010910RW18LN33281970W0905855521770N33293836W0905851621000 10490445300E00305300127

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
SUSAP KGLHK7SGLH  K7D               0   18018003225                                                                  M
```

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F
				DATED: 10/18/2012

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

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CECAR	CECAR	010	IAF	IF		FB					
	CECAR	LOBDE	020		AF	L	FB		091.6()		AA 02000	
	EDOME	EDOME	010	IAF	IF		FB					
	EDOME	LOBDE	020		AF	R	FB		269.8()		AA 02000	
	GLH	GLH	010	IAF	PI	R	FB		312.0()	010.0	AA 01800	
		LOBDE	010	FACF	IF		FB				AA 02000	
		QUAAK	020	FAF	CF		FB		177.0()	008.8	AA 01800	
		RW18L	030	MAP	CF		FO		177.0()	004.8	AT 00182	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FLAMM	040		CF		FO		175.8()	011.0	AA 02000	
	FLAMM	050		HM	R	FO		355.8()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GLH	N333124.71	W0905858.58	N3331.412	W09058.976
	CECAR	N333013.88	W0904441.52	N3330.231	W09044.692
	EDOME	N333211.68	W0911317.98	N3332.195	W09113.300
	FLAMM	N331924.57	W0905855.51	N3319.410	W09058.925
	LOBDE	N334326.04	W0905855.52	N3343.434	W09058.925
	QUAAK	N333435.50	W0905855.52	N3334.592	W09058.925
	RW18L	N332948.74	W0905855.52	N3329.812	W09058.925
	IGLH (LOC)	N332819.70	W0905855.52	N3328.328	W09058.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00129	53

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	I-GLH	ILS OR LOC RWY 18L, AMDT 9G 12 DECEMBER 2013	AMDT: 9F DATED: 10/18/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUPIV (IAF)	ODJUR (NOPT) (FB)	267.06 / 5.00	2000
YADUP (IAF)	ODJUR (NOPT) (FB)	086.94 / 5.00	2000
ODJUR (IF/IAF)	AXMIX (FB)	177.00 / 6.10	1800
AXMIX (FAF)	RW18L (MAP) (FO)	177.00 / 5.01	
RW18L (MAP)	329 MSL	177.00	
329 MSL	BETJI (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18L

CLIMB TO 2000 DIRECT BETJI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ODJUR, RT, 177.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 177.00 FAF: AXMIX DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: ODJUR 2000, AXMIX 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: AXMIX 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.1 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 357.00 INBOUND.
CHART FAS OBST: 183 TREE 333008N/0905841W
CHART 239 TREE 333418N/0905919W.
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 0.87 MILES TO RW18L*
*LNAV ONLY.
WAAS CHANNEL # 97411
REFERENCE PATH ID: W18A
LTP HAE: 12.6 M

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	329	2400	200	329	2400	200	329	2400	200	329	2400	200			
LNAV/VNAV DA	439	2400	310	439	2400	310	439	2400	310	439	4000	310			
LNAV MDA	460	2400	331	460	2400	331	460	2400	331	460	5000	331			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CAT D.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 131 TDZE: 129 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, MS	GREENVILLE MID-DELTA	RNAV	RNAV (GPS) RWY 18L, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A DATED 10/18/2012

NOTES, (CONT.):
INCREASE LPV DA TO 437, LNAV/VNAV DA TO 547, INCREASE ALL MDA 120 FEET, INCREASE LNAV/VNAV CATS A, B, AND C VISIBILITY 1/2 MILE, CAT D VISIBILITY 1/4 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GREENWOOD ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV VISIBILITY ALL CATS TO RVR 5000.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING GREENWOOD ALTIMETER SETTING, INCREASE LPV VISIBILITY ALL CATS TO RVR 5000.

TAA

	FROM	TO	ALT
1.	087/30 CW 267/30 (NOPT)	087/5 CW 267/5	2100
2.	087/5 CW 267/5	ODJUR (IF/IAF) (FB)	2000
3.	267/30 CW 357/30	267/5 CW 357/5	3200
4.	267/5 CW 357/5	JUPIV (IAF) (FB)	2000
5.	357/30 CW 087/30	YADUP (IAF) (FB)	2000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLH
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	332948.7400N
LTP/FTP LONGITUDE	0905855.5200W
LTP/FTP ELLIPSOIDAL HEIGHT	+00126
FPAP LATITUDE	332829.5900N
FPAP LONGITUDE	0905855.5200W
THRESHOLD CROSSING HEIGHT (TCH)	00053.1
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)	35.0
CRC REMAINDER	8452F060

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00394
FPAP ORTHOMETRIC HEIGHT	+00394

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AXMIX K70    W     N33344990W090585552                      W0002     NAR           AXMIX
        SUSAEAENRT   BETJI K70    W     N33172113W090585552                      W0001     NAR           BETJI
        SUSAEAENRT   JUPIV K70    W     N33405642W090525601                      W0002     NAR           JUPIV
        SUSAEAENRT   ODJUR K70    W     N33405657W090585552                      W0002     NAR           ODJUR
        SUSAEAENRT   YADUP K40    W     N33405642W091045503                      W0001     NAR           YADUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131        1800018000C    MNAR    GREENVILLE MID-DELTA

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7FR18L  AJUPIV 010JUPIVK7EA0E  A    IF                                                  18000                A JS
        SUSAP KGLHK7FR18L  AJUPIV 020ODJURK7EA0EE B 010TF                      26710050    + 02000                                A JS
        SUSAP KGLHK7FR18L  AODJUR 010ODJURK7EA0EE AR   HF                      17700040    + 02000     18000                      A JS
        SUSAP KGLHK7FR18L  AYADUP 010YADUPK4EA0E  A    IF                                          18000                      A JS
        SUSAP KGLHK7FR18L  AYADUP 020ODJURK7EA0EE B 010TF                      08690050    + 02000                                A JS
        SUSAP KGLHK7FR18L  R      010ODJURK7EA0E  I    IF                                  + 02000     18000                      A JS
        SUSAP KGLHK7FR18L  R      020AXMIXK7EA1E  F 051TF                      17700061    + 01800                                A JS
        SUSAP KGLHK7FR18L  R      020AXMIXK7EA2WALPV       ALNAV/VNAV ALNAV                                                        JS
        SUSAP KGLHK7FR18L  R      030RW18LK7PG0GY M 031TF                      17700050      00182               -300             A JS
        SUSAP KGLHK7FR18L  R      040         0  M     CA                      1770        + 00329                                A JS
        SUSAP KGLHK7FR18L  R      050BETJIK7EA0EY      DF                                  + 02000                                A JS
        SUSAP KGLHK7FR18L  R      060BETJIK7EA0EE  R   HM                      35700040    + 02000                                A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7GRW18L   0080011770 N33294874W090585552+0000    +0012600129000053150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7PR18L  RW18L001 0000W18A0N332948740 0W09058555200+001260300N3328295900W090585552001065000000000531F4003508452F060
        SUSAP KGLHK7PR18L  RW18L002E      +00394+00394LPV       97411
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CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 18L, ORIG-B** 12 DECEMBER 2013	AMDT: **ORIG-A**
				DATED: **10/18/2012**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JUPIV	JUPIV	010	IAF	IF		FB					
	JUPIV	ODJUR	020		TF		FB	1.0	267.1(270.1T)	005.0	AA 02000	
	ODJUR	ODJUR	010	IAF	HF	R	FO		177.0(180.0T)	004.0	AA 02000	
	YADUP	YADUP	010	IAF	IF		FB					
	YADUP	ODJUR	020		TF		FB	1.0	086.9(089.9T)	005.0	AA 02000	
		ODJUR	010	FACF	IF		FB				AA 02000	
		AXMIX	020	FAF	TF		FB	0.5	177.0(180.0T)	006.1	AA 01800	
		RW18L	030	MAP	TF		FO	0.3	177.0(180.0T)	005.0	AT 00182	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.0(180.0T)		AA 00329	
	BETJI	050		DF		FO				AA 02000	
	BETJI	060		HM	R	FO		357.0(360.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AXMIX	N333449.90	W0905855.52	N3334.832	W09058.925
	BETJI	N331721.13	W0905855.52	N3317.352	W09058.925
	JUPIV	N334056.42	W0905256.01	N3340.940	W09052.934
	ODJUR	N334056.57	W0905855.52	N3340.943	W09058.925
	YADUP	N334056.42	W0910455.03	N3340.940	W09104.917
	RW18L	N332948.74	W0905855.52	N3329.812	W09058.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18L	00129	53

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	RNAV	RNAV (GPS) RWY 18L, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A DATED: 10/18/2012

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YAGUT (IAF)	EZOMY (NOPT) (FB)	267.04 / 5.00	2000
WEXOG (IAF)	EZOMY (NOPT) (FB)	086.93 / 5.00	2000
EZOMY (IF/IAF)	AJEHO (FB)	176.99 / 6.10	1800
AJEHO (FAF)	RW18R (MAP) (FO)	176.99 / 5.02	
RW18R (MAP)	378 MSL	176.99	
378 MSL	KEVNE (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18R

CLIMB TO 2000 DIRECT KEVNE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 356.99 INBOUND.
CHART FAS OBST: 183 TREE 333008N/0905841W
CHART 239 TREE 333434N/0905846W.
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 0.94 MILES TO RW18R*
*LNAV ONLY.
WAAS CHANNEL # 70411
REFERENCE PATH ID: W18B
LTP HAE: 12.4 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N EZOMY, RT, 176.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 176.99 FAF: AJEHO DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: EZOMY 2000, AJEHO 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: AJEHO 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: ____

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	378	1	250	378	1	250	378	1	250	378	1	250			
LNAV/VNAV DA	446	1	318	446	1	318	446	1	318	446	1	318			
LNAV MDA	480	1	352	480	1	352	480	1	352	480	1 1/4	352			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE LPV DA TO 486, INCREASE LNAV/VNAV DA TO 554, INCREASE ALL MDA 120 FEET, INCREASE LPV (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 131 TDZE: 128 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, MS	GREENVILLE MID-DELTA	RNAV	RNAV (GPS) RWY 18R, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED 03/12/2009

NOTES, (CONT.):
VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GREENWOOD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	087/30 CW 267/30 (NOPT)	087/5 CW 267/5	2100
2.	087/5 CW 267/5	EZOMY (IF/IAF) (FB)	2000
3.	267/30 CW 357/30	267/5 CW 357/5	3200
4.	267/5 CW 357/5	YAGUT (IAF) (FB)	2000
5.	357/30 CW 087/30	WEXOG (IAF) (FB)	2000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLH
RUNWAY	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18B
LTP/FTP LATITUDE	332939.0300N
LTP/FTP LONGITUDE	0905914.0000W
LTP/FTP ELLIPSOIDAL HEIGHT	+00124
FPAP LATITUDE	332809.7600N
FPAP LONGITUDE	0905913.9800W
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	0608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA178F79

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00391
FPAP ORTHOMETRIC HEIGHT	+00391

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AJEHO K70    W     N33344091W090591406                      W0002     NAR           AJEHO
        SUSAEAENRT   EZOMY K70    W     N33404746W090591414                      W0002     NAR           EZOMY
        SUSAEAENRT   KEVNE K70    W     N33172113W090591384                      W0001     NAR           KEVNE
        SUSAEAENRT   WEXOG K40    W     N33404726W091051364                      W0001     NAR           WEXOG
        SUSAEAENRT   YAGUT K70    W     N33404737W090531464                      W0002     NAR           YAGUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131          18000180000C    MNAR    GREENVILLE MID-DELTA

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7FR18R  AEZOMY 010EZOMYK7EA0EE AR   HF                      17700040    + 02000     18000                A JS
        SUSAP KGLHK7FR18R  AWEXOG 010WEXOGK4EA0E  A    IF                                          18000                A JS
        SUSAP KGLHK7FR18R  AWEXOG 020EZOMYK7EA0EE B 010TF                      08690050    + 02000                          A JS
        SUSAP KGLHK7FR18R  AYAGUT 010YAGUTK7EA0E  A    IF                                          18000                A JS
        SUSAP KGLHK7FR18R  AYAGUT 020EZOMYK7EA0EE B 010TF                      26700050    + 02000                          A JS
        SUSAP KGLHK7FR18R  R      010EZOMYK7EA0E  I    IF                                  + 02000 18000                A JS
        SUSAP KGLHK7FR18R  R      020AJEHOK7EA1E  F 051TF                      17700061    + 01800                          A JS
        SUSAP KGLHK7FR18R  R      020AJEHOK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KGLHK7FR18R  R      030RW18RK7PG0GY M 031TF                      17700050      00178           -300           A JS
        SUSAP KGLHK7FR18R  R      040         0  M     CA                      1770        + 00378                          A JS
        SUSAP KGLHK7FR18R  R      050KEVNEK7EA0EY       DF                                  + 02000                          A JS
        SUSAP KGLHK7FR18R  R      060KEVNEK7EA0EE  R    HM                      35700040    + 02000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7GRW18R   0070191770 N33293903W090591400+0000     +0012400128000050150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7PR18R  RW18R001 0000W18B0N3329390300W09059140000+001240300N3328097600W090591398001067506080005O0F400500CA178F79
        SUSAP KGLHK7PR18R  RW18R002E      +00391+00391LPV       70411
```

CITY AND STATE	ELEVATION: 131 TDZE: 128	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 18R, ORIG-A** 12 DECEMBER 2013	AMDT: **ORIG**
				DATED: **03/12/2009**

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	EZOMY	EZOMY	010	IAF	HF	R	FO		177.0(180.0T)	004.0	AA 02000	
	WEXOG	WEXOG	010	IAF	IF		FB					
	WEXOG	EZOMY	020		TF		FB	1.0	086.9(089.9T)	005.0	AA 02000	
	YAGUT	YAGUT	010	IAF	IF		FB					
	YAGUT	EZOMY	020		TF		FB	1.0	267.0(270.0T)	005.0	AA 02000	
		EZOMY	010	FACF	IF		FB				AA 02000	
		AJEHO	020	FAF	TF		FB	0.5	177.0(180.0T)	006.1	AA 01800	
		RW18R	030	MAP	TF		FO	0.3	177.0(180.0T)	005.0	AT 00178	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		177.0(180.0T)		AA 00378	
	KEVNE	050		DF		FO				AA 02000	
	KEVNE	060		HM	R	FO		357.0(360.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AJEHO	N333440.91	W0905914.06	N3334.682	W09059.234
	EZOMY	N334047.46	W0905914.14	N3340.791	W09059.236
	KEVNE	N331721.13	W0905913.84	N3317.352	W09059.231
	WEXOG	N334047.26	W0910513.64	N3340.788	W09105.227
	YAGUT	N334047.37	W0905314.64	N3340.790	W09053.244
	RW18R	N332939.03	W0905914.00	N3329.651	W09059.233

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW18R	00128	50

CITY AND STATE	ELEVATION: 131	TDZE: 128	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA		RNAV	RNAV (GPS) RWY 18R, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED: 03/12/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FISES (IAF)	KEVNE (NOPT) (FB)	086.93 / 5.00	2000
JUDIM (IAF)	KEVNE (NOPT) (FB)	267.04 / 5.00	2000
KEVNE (IF/IAF)	IMOYO (FB)	356.99 / 6.07	1800
IMOYO (FAF)	ZASEL/3.10 NM TO RW36L (FB)	356.99 / 1.95	
ZASEL/3.10 NM TO RW36L	RW36L (MAP) (FO)	356.99 / 3.10	
RW36L (MAP)	467 MSL	356.99	
467 MSL	EZOMY (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36L

CLIMB TO 2000 DIRECT EZOMY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S KEVNE, RT, 356.99 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 356.99 FAF: IMOYO DIST FAF TO MAP: 5.05 THLD: 5.05
4. MIN. ALT: KEVNE 2000, IMOYO 1800, ZASEL/3.10 NM TO RW36L 1160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: IMOYO 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 176.99 INBOUND.
CHART FAS OBST: 237 TREE 332751N/0905920W
DISTANCE TO THLD FROM 337 HAT: 0.93 NM.
CHART VDP AT 1.16 MILES TO RW36L*
*LNAV ONLY.
WAAS CHANNEL # 77611
REFERENCE PATH ID: W36A
LTP HAE: 12.9 M

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	467	1 1/4	337	467	1 1/4	337	467	1 1/4	337	467	1 1/4	337			
LNAV/VNAV DA	512	1 1/4	382	512	1 1/4	382	512	1 1/4	382	512	1 1/4	382			
LNAV MDA	540	1	410	540	1	410	540	1 1/4	410	540	1 1/4	410			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 131 TDZE: 130 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, MS	GREENVILLE MID-DELTA	RNAV	RNAV (GPS) RWY 36L, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A DATED 05/07/2009

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NOTES, (CONT.):

INCREASE LPV DA TO 575, INCREASE LNAV/VNAV DA TO 620, INCREASE ALL MDA 120 FEET, INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE, LNAV CAT D VISIBILITY 1/2 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

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

TAA

	FROM	TO	ALT
1.	267/30 CW 087/30 (NOPT)	KEVNE (IF/IAF) (FB)	2000
2.	087/30 CW 177/30	FISES (IAF) (FB)	2000
3.	177/30 CW 267/30	177/10 CW 267/10	3200
4.	177/10 CW 267/10	JUDIM (IAF) (FB)	2000

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLH
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	332829.5900N
LTP/FTP LONGITUDE	0905913.9800W
LTP/FTP ELLIPSOIDAL HEIGHT	+00129
FPAP LATITUDE	332958.8600N
FPAP LONGITUDE	0905914.0000W
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	0608
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	36ECC47C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00396
FPAP ORTHOMETRIC HEIGHT	+00396

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EZOMY K70    W     N33404746W090591414                      W0002     NAR           EZOMY
        SUSAEAENRT   FISES K70    W     N33172093W091051173                      W0001     NAR           FISES
        SUSAEAENRT   IMOYO K70    W     N33232616W090591392                      W0001     NAR           IMOYO
        SUSAEAENRT   JUDIM K70    W     N33172104W090531595                      W0002     NAR           JUDIM
        SUSAEAENRT   KEVNE K70    W     N33172113W090591384                      W0001     NAR           KEVNE
        SUSAEAENRT   ZASEL K70    W     N33252324W090591394                      W0002     NAR           ZASEL

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131         1800018000C    MNAR    GREENVILLE MID-DELTA

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7FR36L  AFISES 010FISESK7EA0E  A    IF                                          18000                A JS
        SUSAP KGLHK7FR36L  AFISES 020KEVNEK7EA0EE B 010TF                    08690050    + 02000                      A JS
        SUSAP KGLHK7FR36L  AJUDIM 010JUDIMK7EA0E  A    IF                                          18000                A JS
        SUSAP KGLHK7FR36L  AJUDIM 020KEVNEK7EA0EE B 010TF                    26700050    + 02000                      A JS
        SUSAP KGLHK7FR36L  AKEVNE 010KEVNEK7EA0EE AR   HF                    35700040    + 02000     18000            A JS
        SUSAP KGLHK7FR36L  R      010KEVNEK7EA0E  I    IF                                + 02000     18000            A JS
        SUSAP KGLHK7FR36L  R      020IMOYOK7EA1E  F 051TF                    35700061    + 01800                      A JS
        SUSAP KGLHK7FR36L  R      020IMOYOK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KGLHK7FR36L  R      030ZASELK7EA0E S  031TF                    35700020    V 0116001166        -300     A JS
        SUSAP KGLHK7FR36L  R      031RW36LK7PG0GY M 031TF                    35700031      00170             -300     A JS
        SUSAP KGLHK7FR36L  R      040         0  M     CA                    3570        + 00467                      A JS
        SUSAP KGLHK7FR36L  R      050EZOMYK7EA0EY       DF                              + 02000                      A JS
        SUSAP KGLHK7FR36L  R      060EZOMYK7EA0EE  R    HM                    17700040    + 02000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7GRW36L   0070193570 N33282959W090591398+0000     +00129001300000040150R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGLHK7PR36L  RW36L001 0000W36A0N3328295900W0905913980O+001290300N3329588600W090591400001067506080004O0F40050036ECC47C
        SUSAP KGLHK7PR36L  RW36L002E      +00396+00396LPV       77611
```

CITY AND STATE	ELEVATION: 131 TDZE: 130	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 36L, ORIG-B** 12 DECEMBER 2013	AMDT: **ORIG-A**
				DATED: **05/07/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	FISES	FISES	010	IAF	IF		FB					
	FISES	KEVNE	020		TF		FB	1.0	086.9(089.9T)	005.0	AA 02000	
	JUDIM	JUDIM	010	IAF	IF		FB					
	JUDIM	KEVNE	020		TF		FB	1.0	267.0(270.0T)	005.0	AA 02000	
	KEVNE	KEVNE	010	IAF	HF	R	FO		357.0(360.0T)	004.0	AA 02000	
		KEVNE	010	FACF	IF		FB				AA 02000	
		IMOYO	020	FAF	TF		FB	0.5	357.0(360.0T)	006.1	AA 01800	
		ZASEL	030	SDF	TF		FB	0.3	357.0(360.0T)	002.0	AA 01160	GS 01166
		RW36L	031	MAP	TF		FO	0.3	357.0(360.0T)	003.1	AT 00170	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.0(360.0T)		AA 00467	
	EZOMY	050		DF		FO				AA 02000	
	EZOMY	060		HM	R	FO		177.0(180.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EZOMY	N334047.46	W0905914.14	N3340.791	W09059.236
	FISES	N331720.93	W0910511.73	N3317.349	W09105.196
	IMOYO	N332326.16	W0905913.92	N3323.436	W09059.232
	JUDIM	N331721.04	W0905315.95	N3317.351	W09053.266
	KEVNE	N331721.13	W0905913.84	N3317.352	W09059.231
	ZASEL	N332523.24	W0905913.94	N3325.387	W09059.232
	RW36L	N332829.59	W0905913.98	N3328.493	W09059.233

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36L	00130	40

CITY AND STATE	ELEVATION: 131 TDZE: 130	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 36L, ORIG-B** 12 DECEMBER 2013	AMDT: **ORIG-A**
				DATED: **05/07/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIBUX (IAF)	BETJI (NOPT) (FB)	086.95 / 5.00	2000
VOKUY (IAF)	BETJI (NOPT) (FB)	267.05 / 5.00	2000
BETJI (IF/IAF)	GOHBU (FB)	357.00 / 6.10	1800
GOHBU (FAF)	ZERBA/3.00 NM TO RW36R (FB)	357.00 / 2.02	
ZERBA/3.00 NM TO RW36R	RW36R (MAP) (FO)	357.00 / 3.00	
RW36R (MAP)	379 MSL	357.00	
379 MSL	ODJUR (FO)		2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

CLIMB TO 2000 DIRECT ODJUR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 177.00 INBOUND.
CHART FAS OBST: 237 TREE 332751N/0905920W
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.
CHART VDP AT 1.12 MILES TO RW36R*
*LNAV ONLY.
WAAS CHANNEL # 81911
REFERENCE PATH ID: W36B
LTP HAE: 12.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S BETJI, RT, 357.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 357.00 FAF: GOHBU DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: BETJI 2000, GOHBU 1800, ZERBA/3.00 NM TO RW36R 1140*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: GOHBU 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 3E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	379	1	250	379	1	250	379	1	250	379	1	250			
LNAV/VNAV DA	512	1 1/4	383	512	1 1/4	383	512	1 1/4	383	512	1 1/4	383			
LNAV MDA	540	1	411	540	1	411	540	1 1/4	411	540	1 1/4	411			
CIRCLING	600	1	469	600	1	469	600	1 1/2	469	700	2	569			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND (SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 131 TDZE: 129 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GREENVILLE, MS	GREENVILLE MID-DELTA	RNAV	RNAV (GPS) RWY 36R, ORIG-A 12 DECEMBER 2013	AMDT: ORIG DATED 03/12/2009

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

NOTES, (CONT.):
INCREASE LPV DA TO 487, INCREASE LNAV/VNAV DA TO 620, INCREASE ALL MDA 120 FEET, INCREASE LPV VISIBILITY ALL CATS 1/4 MILE, INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, INCREASE LNAV VISIBILITY CAT C 1/4 MILE, CAT D 1/2 MILE, AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING GREENWOOD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	267/30 CW 087/30 (NOPT)	BETJI (IF/IAF) (FB)	2000
2.	087/30 CW 177/30	WIBUX (IAF) (FB)	2000
3.	177/30 CW 267/30	177/10 CW 267/10	3200
4.	177/10 CW 267/10	VOKUY (IAF) (FB)	2000

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGLH
RUNWAY	RW36R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36B
LTP/FTP LATITUDE	332829.5900N
LTP/FTP LONGITUDE	0905855.5200W
LTP/FTP ELLIPSOIDAL HEIGHT	+00127
FPAP LATITUDE	332958.8600N
FPAP LONGITUDE	0905855.5200W
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	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	266609C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00394
FPAP ORTHOMETRIC HEIGHT	+00394

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   BETJI K70    W     N33172113W090585552                    W0001     NAR           BETJI
         SUSAEAENRT   GOHBU K70    W     N33232789W090585552                    W0002     NAR           GOHBU
         SUSAEAENRT   ODJUR K70    W     N33405657W090585552                    W0002     NAR           ODJUR
         SUSAEAENRT   VOKUY K70    W     N33172099W090525763                    W0002     NAR           VOKUY
         SUSAEAENRT   WIBUX K70    W     N33172099W091045341                    W0001     NAR           WIBUX
         SUSAEAENRT   ZERBA K70    W     N33252925W090585552                    W0002     NAR           ZERBA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGLHK7AGLH     0     080YHN33285837W090590821E003000131          1800018000C    MNAR    GREENVILLE MID-DELTA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGLHK7FR36R  ABETJI 010BETJIK7EA0EE AR   HF                     35700040    + 02000     18000                A JS
         SUSAP KGLHK7FR36R  AVOKUY 010VOKUYK7EA0E  A    IF                                         18000                A JS
         SUSAP KGLHK7FR36R  AVOKUY 020BETJIK7EA0EE B 010TF                     26710050    + 02000                          A JS
         SUSAP KGLHK7FR36R  AWIBUX 010WIBUXK7EA0E  A    IF                                         18000                A JS
         SUSAP KGLHK7FR36R  AWIBUX 020BETJIK7EA0EE B 010TF                     08700050    + 02000                          A JS
         SUSAP KGLHK7FR36R  R      010BETJIK7EA0E  I    IF                                 + 02000     18000                A JS
         SUSAP KGLHK7FR36R  R      020GOHBUK7EA1E  F 051TF                     35700061    + 01800                          A JS
         SUSAP KGLHK7FR36R  R      020GOHBUK7EA2WALPV      ALNAV/VNAV ALNAV                                                   JS
         SUSAP KGLHK7FR36R  R      030ZERBAK7EA0E S  031TF                     35700020    V 0114001144        -300         A JS
         SUSAP KGLHK7FR36R  R      031RW36RK7PG0GY M 031TF                     35700030      00179             -300         A JS
         SUSAP KGLHK7FR36R  R      040         0  M     CA                     3570        + 00379                          A JS
         SUSAP KGLHK7FR36R  R      050ODJURK7EA0EY       DF                               + 02000                          A JS
         SUSAP KGLHK7FR36R  R      060ODJURK7EA0EE  R    HM                     17700040    + 02000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGLHK7GRW36R   0080013570 N33282959W090585552+0000     +00127001290000501508

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGLHK7PR36R  RW36R001 0000W36B0N3328295900W09058555200+001270300N3329588600W090585552001067503120005O0F400500266609C5
         SUSAP KGLHK7PR36R  RW36R002E      +00394+00394LPV       81911
```

CITY AND STATE	ELEVATION: **131** **TDZE: 129**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 36R, ORIG-A** 12 DECEMBER 2013	AMDT: **ORIG**
				DATED: **03/12/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BETJI	BETJI	010	IAF	HF	R	FO		357.0(360.0T)	004.0	AA 02000	
	VOKUY	VOKUY	010	IAF	IF		FB					
	VOKUY	BETJI	020		TF		FB	1.0	267.1(270.1T)	005.0	AA 02000	
	WIBUX	WIBUX	010	IAF	IF		FB					
	WIBUX	BETJI	020		TF		FB	1.0	087.0(090.0T)	005.0	AA 02000	
		BETJI	010	FACF	IF		FB				AA 02000	
		GOHBU	020	FAF	TF		FB	0.5	357.0(360.0T)	006.1	AA 01800	
		ZERBA	030	SDF	TF		FB	0.3	357.0(360.0T)	002.0	AA 01140 GS 01144	
		RW36R	031	MAP	TF		FO	0.3	357.0(360.0T)	003.0	AT 00179	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		357.0(360.0T)		AA 00379	
	ODJUR	050		DF		FO				AA 02000	
	ODJUR	060		HM	R	FO		177.0(180.0T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BETJI	N331721.13	W0905855.52	N3317.352	W09058.925
	GOHBU	N332327.89	W0905855.52	N3323.465	W09058.925
	ODJUR	N334056.57	W0905855.52	N3340.943	W09058.925
	VOKUY	N331720.99	W0905257.63	N3317.350	W09052.961
	WIBUX	N331720.99	W0910453.41	N3317.350	W09104.890
	ZERBA	N332529.25	W0905855.52	N3325.488	W09058.925
	RW36R	N332829.59	W0905855.52	N3328.493	W09058.925

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00129	50

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**RNAV**	**RNAV (GPS) RWY 36R, ORIG-A** 12 DECEMBER 2013	AMDT: **ORIG**
				DATED: **03/12/2009**

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
GREENVILLE, MS	GREENVILLE MID-DELTA	12 DECEMBER 2013	ORIG-A

TAKEOFF MINIMUMS:

RWY 18L, 18R, 36L, 36R STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 18L, 18R: CLIMB HEADING 177.00 TO 800 BEFORE TURNING.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18L, TREE 3995 FT FROM DER, 1065 FT LEFT OF CENTERLINE, 114 FT AGL/236 FT MSL. TREE 3503 FT FROM DER, 858 RIGHT OF CENTERLINE, 110 FT AGL/219 FT MSL.

NOTE: RWY 18R, TREE 1207 FT FROM DER, 539 FT RIGHT OF CENTERLINE, 91 FT AGL/206 FT MSL. TREE 3872 FT FROM DER, 501 FT RIGHT OF CENTERLINE, 128 FT AGL/237 FT MSL. TREE 3503 FT FROM DER, 705 FT LEFT OF CENTERLINE, 110 FT AGL/219 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 18L, 18R – 620 FT MSL TOWER 332520.41N/0910141.38W

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
GREENVILLE, MS	GREENVILLE MID-DELTA	12 DECEMBER 2013	ORIG-A

REMARKS:

FLIGHT INSPECTED BY:

NEVIN SUMMERS 05/06/1999

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PATRICK MULQUEEN AJV-351 07/30/13
(MATTHEW GALLANT)

APPROVED BY:

STEVEN SZUKALA AJV-351 SEP 27 2013

COORDINATED WITH:

ALPA, AOPA, NBAA, ZME, GLH ATCT, AIRPORT MANAGER

CHANGES:

1. CHANGED AIRPORT NAME FROM MID DELTA REGIONAL TO GREENVILLE MID-DELTA.
2. DELETED RWY 9 AND 27 FROM TAKE-OFF MINIMUMS AND RWY 27 TAKEOFF OBSTACLE NOTES.
3. ADDED RWY 18L AND RWY 18R TAKEOFF OBSTACLE NOTES.

REASONS:

1. FPT REQUEST.
2. RWY 9, 27 NO LONGER EXISTS AT AIRPORT
3. NEW OBSTACLES PENETRATE THE OCS.

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GLH VOR/DME	HAZZE/GLH 3.40 DME	354.53 / 3.40	2000
EDOME/GLH 12.00 DME CW (IAF)	BICSA/GLH 12.00 DME (NOPT)	12.00 DME ARC	2000
CECAR/GLH 12.00 DME CCW (IAF)	BICSA/GLH 12.00 DME (NOPT)	12.00 DME ARC	2000
BICSA/GLH 12.00 DME (IF)	HAZZE/GLH 3.40 DME	174.53 / 8.60 (GLH R-355)	1800

MISSED APPROACH

MAP: GLH VOR/DME

CLIMB TO 2000 ON GLH VOR/DME R-176 TO FLAMM INT/GLH 11.98 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.80 INBOUND.
CHART FAS OBST: 239 TREE 333453N/0905802W
CHART GLH R-270 AT EDOME.
CHART GLH R-092 AT CECAR.
HAZZE TO RW18L: 3.06/45

1. PT L SIDE OF COURSE 354.53 OUTBOUND 2000 FT WITHIN 10 MILES OF HAZZE (IAF)
2.
3. FAC 174.53 FAF HAZZE/GLH 3.40 DME DIST FAF TO MAP THLD 5.00
4. MIN. ALT HAZZE 1800
8. MSA FROM: GLH VOR/DME 3200

MAG VAR: 4E EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-18L	500	1 1/2	371	500	1 1/2	371	500	1 1/2	371	500	1 1/2	371			
CIRCLING	600	2	469	600	2	469	600	2	469	700	2	569			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 131 TDZE: 129	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GREENVILLE, MS	AIRPORT NAME: GREENVILLE MID-DELTA	GLH	VOR/DME RWY 18L, AMDT 13A 12 DECEMBER 2013	AMDT 13 DATE 07/05/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GLH VOR/DME	JISRU/GLH 3.23 DME	003.04 / 3.23	2000
EDOME/GLH 12.00 DME CW (IAF)	FENAR/GLH 12.00 DME (NOPT)	12.00 DME ARC	2000
CECAR/GLH 12.00 DME CCW (IAF)	FENAR/GLH 12.00 DME (NOPT)	12.00 DME ARC	2000
FENAR/GLH 12.00 DME (IF)	JISRU/GLH 3.23 DME	183.04 / 8.77 (GLH R-003)	1800

MISSED APPROACH

MAP: GLH VOR/DME

CLIMB TO 2000 ON GLH VOR/DME R-176 TO FLAMM INT/GLH 11.98 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.80 INBOUND.
CHART FAS OBST: 239 TREE 333453N/0905802W
CHART GLH R-270 AT EDOME.
CHART GLH R-092 AT CECAR.
JISRU TO RW18R: 3.05/52.

1. PT **L** SIDE OF COURSE **003.04** OUTBOUND **2000** FT WITHIN **10** MILES OF **JISRU** (IAF)
2.
3. FAC **183.04** FAF **JISRU/GLH 3.23 DME** DIST FAF TO MAP THLD **5.00**
4. MIN. ALT **JISRU 1800**
8. MSA FROM: **GLH VOR/DME 3200**

MAG VAR: **4E** EPOCH YEAR: **1980**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-18R	500	2 1/4	372	500	2 1/4	372	500	2 1/4	372	500	2 1/4	372			
CIRCLING	600	2 1/4	469	600	2 1/4	469	600	2 1/4	469	700	2 1/4	569			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET.

@ CAT A, B, C, D 800-2 1/4
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 131 TDZE: 128	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GREENVILLE, MS	AIRPORT NAME: **GREENVILLE MID-DELTA**	**GLH**	**VOR/DME RWY 18R, ORIG-A** 12 DECEMBER 2013	AMDT **ORIG**
				DATE **07/05/2007**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EWN VOR/DME	WAPDI (FB)	165.97 / 16.85	3000
WAPDI (IAF)	ITOLE (FB)	165.88 / 9.00	1800
ITOLE (IF)	CIBAG (FB)	075.92 / 6.61	1000
CIBAG (FAF)	RW08 (MAP) (FO)	075.98 / 2.98	
RW08 (MAP)	600 MSL	075.98	600
600 MSL	EWN VOR/DME (FO)		3000

MISSED APPROACH

LP: RW08
LNAV: RW08

CLIMB TO 600 ON THEN CLIMBING LEFT TURN TO 3000 DIRECT EWN VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ITOLE
3. FAC: 075.99 FAF: CIBAG DIST FAF TO MAP: 2.98 THLD: 2.98
4. MIN. ALT: ITOLE 1800, CIBAG 1000
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: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW08 2100

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 226.00 INBOUND.
CHART FAS OBST: 241 TOWER 344315N/0764252W
CHART FAS OBST: 276 TOWER 344322N/0764317W
OBST: 276 TOWER 344322N/0764317W
CHART R-5306A.
CHART R-5306C.
WAAS CHANNEL # 97727
REFERENCE PATH ID: W08A
CIBAG TO RW08: 3.00/45.
LTP HAE: -35.5 M

MAG VAR: 8W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	500	1	493	500	1	493	500	1 3/8	493	500	1 3/8	493			
LNAV MDA	540	1	533	540	1	533	540	1 1/2	533	540	1 1/2	533			
CIRCLING	540	1	529	540	1	529	540	1 1/2	529	620	2	609			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EWN VOR/DME ON V139 NORTHEAST BOUND.
CHART NOTE: ATC CLEARANCE REQUIRED TO PENETRATE R-5306A AND R-5306C.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 11 THRE: 7 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BEAUFORT, NC	MICHAEL J. SMITH FIELD	RNAV	RNAV (GPS) RWY 8, AMDT 2 12 DECEMBER 2013	AMDT: 1 DATED 05/31/2012

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHERRY POINT MCAS ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND LP CATS C/D AND LNAV CATS C/D VISIBILITY 1/8 MILE.

QUALITY 4

CITY AND STATE	ELEVATION: 11 THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BEAUFORT, NC	AIRPORT NAME: **MICHAEL J. SMITH FIELD**	**RNAV**	**RNAV (GPS) RWY 8, AMDT 2** 12 DECEMBER 2013	AMDT: **1**
				DATED: **05/31/2012**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRH
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	344359.2700N
LTP/FTP LONGITUDE	0764008.6300W
LTP/FTP ELLIPSOIDAL HEIGHT	-00355
FPAP LATITUDE	344432.6500N
FPAP LONGITUDE	0763828.3500W
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)	0.0
CRC REMAINDER	170EE4F8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00020
FPAP ORTHOMETRIC HEIGHT	+00020

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        EWN   K7011360VDL  N35042331W077024223    N35042331W077024223W0080000161     NARNEW BERN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIBAG K70    W     N34425221W076432964                    W0101     NAR           CIBAG
        SUSAEAENRT   ITOLE K70    W     N34402321W076505511                    W0100     NAR           ITOLE
        SUSAEAENRT   WAPDI K70    W     N34484437W076550163                    W0100     NAR           WAPDI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMRHK7AMRH     0     050YHN34440076W076393811W008000011         1800018000C    MNAR    MICHAEL J. SMITH FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMRHK7FR08   AEWN   010EWN  K7D 0V       IF                                                 18000                A JS
        SUSAP KMRHK7FR08   AEWN   020WAPDIK7EA0E  A 020TF                    16600169    + 03000                                A JS
        SUSAP KMRHK7FR08   AEWN   030ITOLEK7EA0EE B 010TF                    16590090    + 01800                                A JS
        SUSAP KMRHK7FR08   R      010ITOLEK7EA0E  I    IF                                + 01800     18000                      A JS
        SUSAP KMRHK7FR08   R      020CIBAGK7EA1E  F 051TF                    07590066    + 01000                  RW08  K7PGA JS
        SUSAP KMRHK7FR08   R      020CIBAGK7EA2WALP        N          ALNAV                                                    JS
        SUSAP KMRHK7FR08   R      030RW08 K7PG0GY M 031TF                    07600030      00052           -300               A JS
        SUSAP KMRHK7FR08   R      040         0  M     CA                    0760        + 00600                              A JS
        SUSAP KMRHK7FR08   R      050EWN  K7D 0VY  L   DF                                + 03000                              A JS
        SUSAP KMRHK7FR08   R      060EWN  K7D 0VE  R   HM                    22600040    + 03000                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMRHK7GRW08    0050010760 N34435927W076400863+0100    -0035500007000045099R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMRHK7PR08   RW08 001 0000W08A0N3443592700W07640086300-003550300N3444326500W076382835001067512240004 50F400000170EE4F8
        SUSAP KMRHK7PR08   RW08 002E      +00020+00020LP        97727

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

CITY AND STATE	ELEVATION: 11 THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUFORT, NC	AIRPORT NAME: **MICHAEL J. SMITH FIELD**	**RNAV**	**RNAV (GPS) RWY 8, AMDT 2** 12 DECEMBER 2013	AMDT: **1**
				DATED: **05/31/2012**

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

```
SUSAP KMRHK7SRW08 K7PG          0   18018002125                                                    M
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	EWN	EWN	010		IF		FB					
	EWN	WAPDI	020	IAF	TF		FB	2.0	166.0(158.0T)	016.9	AA 03000	
	EWN	ITOLE	030		TF		FB	1.0	165.9(157.9T)	009.0	AA 01800	
		ITOLE	010	FACF	IF		FB				AA 01800	
		CIBAG	020	FAF	TF		FB	0.5	075.9(067.9T)	006.6	AA 01000	
		RW08	030	MAP	TF		FO	0.3	076.0(068.0T)	003.0	AT 00052	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		076.0(068.0T)		AA 00600	
	EWN	050		DF	L	FO				AA 03000	
	EWN	060		HM	R	FO		226.0(218.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EWN	N350423.31	W0770242.23	N3504.389	W07702.704
	CIBAG	N344252.21	W0764329.64	N3442.870	W07643.494
	ITOLE	N344023.21	W0765055.11	N3440.387	W07650.919
	WAPDI	N344844.37	W0765501.63	N3448.740	W07655.027
	RW08	N344359.27	W0764008.63	N3443.988	W07640.144

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW08	00007	45

CITY AND STATE	ELEVATION: 11 THRE: 7	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
BEAUFORT, NC	AIRPORT NAME: **MICHAEL J. SMITH FIELD**	**RNAV**	**RNAV (GPS) RWY 8, AMDT 2** 12 DECEMBER 2013	AMDT: **1**
				DATED: **05/31/2012**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WHARF	RANKE (FB)	181.86 / 11.52	6800
MEILE	JAXOM (FB)	263.43 / 21.28	7300
RANKE (IAF)	PUREE (NOPT) (FB)	150.90 / 5.00	6800
JAXOM (IAF)	PUREE (NOPT) (FB)	330.95 / 6.00	6800
PUREE (IF/IAF)	CAMID (FB)	061.01 / 5.62	6100
CAMID (FAF)	JAGUS/3.90 NM TO WOTMU (FB)	060.92 / 2.70	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: WOTMU

CLIMB TO 4400 THEN CLIMBING RIGHT TURN TO 6900 DIRECT BFF VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6900.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PUREE, RT, 061.01 INBOUND, 6800 FT. IN LIEU OF PT (IAF)
3. FAC: 060.92 FAF: CAMID DIST FAF TO MAP: 6.60 THLD: 6.60
4. MIN. ALT: PUREE 6800, CAMID 6100, JAGUS/3.90 NM TO WOTMU 5240*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6100 GS ALT AT: CAMID 6100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS NOT CLEAR
8. MSA FROM: RW05 6800

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 245.00 INBOUND.
CHART FAS OBST: 4178 TOWER 415055N/1034004W
CHART 4360 TOWER 415025N/1034125W
DISTANCE TO THLD FROM 250 HATH: 0.63 NM.
WAAS CHANNEL # 93506
REFERENCE PATH ID: W05A
CHART CIRCLING ICON.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 2.83 DEGREES.
LTP HAE: 1184.7 M

MAG VAR: 10E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4199	1	250	4199	1	250	4199	1	250	4199	1	250			
LNAV/VNAV DA	4415	1 5/8	466	4415	1 5/8	466	4415	1 5/8	466	4415	1 5/8	466			
LNAV MDA	4480	1	531	4480	1	531	4480	1 1/2	531	4480	1 1/2	531			
CIRCLING	4500	1	533	4500	1	533	4560	1 1/2	593	4720	2 1/2	753			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING ALLIANCE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 51C (124F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ CAT D 800-2 1/2
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3967 THRE: 3949 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	RNAV	RNAV (GPS) RWY 5, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED 12/20/2007

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JAGUS/3.90 NM TO WOTMU	WOTMU (MAP) (FO)	060.92 / 3.90	
WOTMU (MAP)	4400 MSL	060.92	4400
4400 MSL	BFF VORTAC (FO)		6900

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ALLIANCE ALTIMETER SETTING AND INCREASE ALL DA 91 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C/D VISIBILITY 1/4 MILE, CIRCLING CAT C VISIBILITY 1/2 MILE AND CAT D VISIBILITY 1/4 MILE .
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MEILE ON V169 SOUTHEAST BOUND AND ARRIVALS AT WHARF ON V89 NORTHEAST BOUND.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: RWY 5 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.

QUALITY CHECKED

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBFF
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
FTP LATITUDE	415209.4200N
FTP LONGITUDE	1033637.4800W
LTP/FTP ELLIPSOIDAL HEIGHT	+11847
FPAP LATITUDE	415238.4140N
FPAP LONGITUDE	1033444.6980W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8769FC85

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+12037
FPAP ORTHOMETRIC HEIGHT	+12037

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        BFF   K3011260VTH  N41533899W103285531    N41533899W103285531E0130041692     NARSCOTTSBLUFF

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAMID K30    W     N41500027W103445805                      E0081     NAR           CAMID
        SUSAEAENRT   JAGUS K30    W     N41505313W103413354                      E0081     NAR           JAGUS
        SUSAEAENRT   JAXOM K30    W     N41423025W103492781                      E0081     NAR           JAXOM
        SUSAEAENRT   MEILE K30    C   L N41411730W103210642                      E0078     NAR           MEILE
        SUSAEAENRT   PUREE K30    W     N41481066W103520492                      E0082     NAR           PUREE
        SUSAEAENRT   RANKE K30    W     N41525429W103541620                      E0082     NAR           RANKE
        SUSAEAENRT   WHARF K30    R   L N42041085W103510605                      E0082     NAR           WHARF
        SUSAEAENRT   WOTMU K30    W     N41520942W103363748                      E0080     NAR           WOTMU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBFFK3ABFF     0     082YHN41522650W103354430E010003967        1800018000C    MNAR    WESTERN NEB. RGNL/WILLIAM B. H

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBFFK3FR05   AMEILE 010MEILEK3EA0E       IF                                                18000                A JS
        SUSAP KBFFK3FR05   AMEILE 020JAXOMK3EA0E  A 020TF                    26340213    + 07300                            A JS
        SUSAP KBFFK3FR05   AMEILE 030PUREEK3EA0EE B 010TF                    33100060    + 06800                            A JS
        SUSAP KBFFK3FR05   APUREE 010PUREEK3EA0EE AR   HF                    06100070    + 06800     18000                  A JS
        SUSAP KBFFK3FR05   AWHARF 010WHARFK3EA0E       IF                                            18000                  A JS
        SUSAP KBFFK3FR05   AWHARF 020RANKEK3EA0E  A 020TF                    18190115    + 06800                            A JS
        SUSAP KBFFK3FR05   AWHARF 030PUREEK3EA0EE B 010TF                    15090050    + 06800                            A JS
        SUSAP KBFFK3FR05   R      010PUREEK3EA0E  I    IF                                + 06800     18000                  A JS
        SUSAP KBFFK3FR05   R      020CAMIDK3EA1E  F 051TF                    06100056    + 06100                 RW05  K3EAA JS
        SUSAP KBFFK3FR05   R      020CAMIDK3EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KBFFK3FR05   R      021JAGUSK3EA0E S  031TF                    06090027    V 0524005241        -300           A JS
        SUSAP KBFFK3FR05   R      030WOTMUK3EA0EY M 031TF                    06090039      03999             -300           A JS
        SUSAP KBFFK3FR05   R      040          0  M     CA                    0609        + 04400                            A JS
        SUSAP KBFFK3FR05   R      050BFF  K3D 0VY  R   DF                                + 06900                            A JS
        SUSAP KBFFK3FR05   R      060BFF  K3D 0VE  R   HM                    24500070    + 06900                            A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3967 THRE: 3949	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	AIRPORT NAME: WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	RNAV	RNAV (GPS) RWY 5, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED: 10/20/2007

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

```
      SUSAP KBFFK3GRW05    0080020581 N41521121W103363830+0200     +11847039490000501 50R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KBFFK3PR05    RW05 001 0000W05A0N4152094200W10336374800+11847030 0N4152384140W10334446980106750000000500F4005008769FC85
      SUSAP KBFFK3PR05    RW05 002E      +12037+12037LPV       93506

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KBFFK3SRW05 K3EA              0   18018006825                                                                      M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 3967 THRE: 3949 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	RNAV	RNAV (GPS) RWY 5, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED: 10/20/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MEILE	MEILE	010		IF		FB					
	MEILE	JAXOM	020	IAF	TF		FB	2.0	263.4(273.4T)	021.3	AA 07300	
	MEILE	PUREE	030		TF		FB	1.0	331.0(341.0T)	006.0	AA 06800	
	PUREE	PUREE	010	IAF	HF	R	FO		061.0(071.0T)	007.0	AA 06800	
	WHARF	WHARF	010		IF		FB					
	WHARF	RANKE	020	IAF	TF		FB	2.0	181.9(191.9T)	011.5	AA 06800	
	WHARF	PUREE	030		TF		FB	1.0	150.9(160.9T)	005.0	AA 06800	
		PUREE	010	FACF	IF		FB				AA 06800	
		CAMID	020	FAF	TF		FB	0.5	061.0(071.0T)	005.6	AA 06100	
		JAGUS	021	SDF	TF		FB	0.3	060.9(070.9T)	002.7	AA 05240 GS 05241	
		WOTMU	030	MAP	TF		FO	0.3	060.9(070.9T)	003.9	AT 03999	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		060.9(070.9T)		AA 04400	
	BFF	050		DF	R	FO				AA 06900	
	BFF	060		HM	R	FO		245.0(255.0T)	007.0	AA 06900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BFF	N415338.99	W1032855.31	N4153.650	W10328.922
	CAMID	N415000.27	W1034458.05	N4150.005	W10344.968
	JAGUS	N415053.13	W1034133.54	N4150.886	W10341.559
	JAXOM	N414230.25	W1034927.81	N4142.504	W10349.464
	MEILE	N414117.30	W1032106.42	N4141.288	W10321.107
	PUREE	N414810.66	W1035204.92	N4148.178	W10352.082
	RANKE	N415254.29	W1035416.20	N4152.905	W10354.270
	WHARF	N420410.85	W1035106.05	N4204.181	W10351.101
	WOTMU	N415209.42	W1033637.48	N4152.157	W10336.625
	RW05	N415211.21	W1033638.30	N4152.187	W10336.638

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	03949	50

CITY AND STATE	ELEVATION: 3967 THRE: 3949 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SCOTTSBLUFF, NE	WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD	RNAV	RNAV (GPS) RWY 5, AMDT 1 12 DECEMBER 2013	AMDT: ORIG DATED: 10/20/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZETMU (IAF)	EPIBY (NOPT) (FB)	096.73 / 7.44	3000
CEPSI (IAF)	EPIBY (NOPT) (FB)	207.22 / 4.93	3000
EPIBY (IF/IAF)	NUWIT (FB)	147.19 / 6.00	2600
NUWIT (FAF)	RW14 (MAP) (FO)	147.24 / 5.23	
RW14 (MAP)	1294 MSL	147.24	
1294 MSL	HIMEL (FB)		
HIMEL	CTW VOR/DME (FO)	214.31 / 12.42	3000

MISSED APPROACH

LP: RW14
LNAV: RW14

CLIMB TO 3000 DIRECT HIMEL AND ON TRACK 214.31 TO CTW VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 093.00 INBOUND.
CHART FAS OBST: 1330 TOWER 402926N/0812547W
FAS OBST: 1319 TOWER 403046N/0812725W
WAAS CHANNEL # 42725
REFERENCE PATH ID: W14A
LTP HAE: 239.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW EPIBY, RT, 147.19 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 147.24 FAF: NUWIT DIST FAF TO MAP: 5.23 THLD: 5.23
4. MIN. ALT: EPIBY 3000, NUWIT 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW14 3400

MAG VAR: 8W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1580	1	686	1580	1	686	1580	2	686		NA				
LNAV MDA	1640	1	746	1640	1 1/4	746	1640	2	746		NA				
CIRCLING	1640	1	746	1640	1 1/4	746	1640	2 1/4	746		NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AKRON ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET, INCREASE LP CAT B/C VISIBILITY 1/2 MILE, LNAV CAT C VISIBILITY 1/2 MILE, CIRCLING CAT A/C VISIBILITY 1/4 MILE. @ CAT C 800-2 1/4
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 894 THRE: 894 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	HARRY CLEVER FIELD	RNAV	RNAV (GPS) RWY 14, ORIG-A	AMDT: ORIG
			12 DECEMBER 2013	DATED 10/20/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: CIRCLING NA TO RWYS 11 AND 29.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: DESCENT ANGLE NA.

CITY AND STATE	ELEVATION: 894 THRE: 894	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	AIRPORT NAME: HARRY CLEVER FIELD	RNAV	RNAV (GPS) RWY 14, ORIG-A 12 DECEMBER 2013	AMDT: ORIG
				DATED: 10/20/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPHD
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	402827.5800N
LTP/FTP LONGITUDE	0812524.9760W
LTP/FTP ELLIPSOIDAL HEIGHT	+02391
FPAP LATITUDE	402719.9900N
FPAP LONGITUDE	0812408.8500W
THRESHOLD CROSSING HEIGHT (TCH)	00000.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	00.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1648
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	323FC527

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02725
FPAP ORTHOMETRIC HEIGHT	+02725

QUALITY & CHECKED

CITY AND STATE	ELEVATION: 894 THRE: 894	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	AIRPORT NAME: HARRY CLEVER FIELD	RNAV	RNAV (GPS) RWY 14, ORIG-A 12 DECEMBER 2013	AMDT: ORIG
				DATED: 10/20/2011

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        CTW   K5011180VDLA N40134515W081283532    N40134515W081283532W0070011801     NARNEWCOMERSTOWN

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CEPSI K50    C   L N40413786W081325414                    W0082     NAR           CEPSI
        SUSAEAENRT   EPIBY K50    W     N40365828W081350207                    W0082     NAR           EPIBY
        SUSAEAENRT   HIMEL K50    W     N40245360W081212418                    W0083     NAR           HIMEL
        SUSAEAENRT   NUWIT K50    W     N40322557W081295349                    W0082     NAR           NUWIT
        SUSAEAENRT   ZETMU K50    C   L N40364883W081444789                    W0081     NAR           ZETMU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHDK5APHD     0     039YHN40281260W081251180W008000894        1800018000C    MNAR    HARRY CLEVER FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHDK5FR14   ACEPSI 010CEPSIK5EA0E  A    IF                                          18000              A JS
        SUSAP KPHDK5FR14   ACEPSI 020EPIBYK5EA0EE B 010TF                    20720049    + 03000                     A JS
        SUSAP KPHDK5FR14   AEPIBY 010EPIBYK5EA0EE AR   HF                    14720040    + 03000     18000           A JS
        SUSAP KPHDK5FR14   AZETMU 010ZETMUK5EA0E  A    IF                                          18000              A JS
        SUSAP KPHDK5FR14   AZETMU 020EPIBYK5EA0EE B 010TF                    09670074    + 03000                     A JS
        SUSAP KPHDK5FR14   R      010EPIBYK5EA0E  I    IF                                + 03000     18000           A JS
        SUSAP KPHDK5FR14   R      020NUWITK5EA1E  F 051TF                    14720060    + 02600                RW14 K5PGA JS
        SUSAP KPHDK5FR14   R      020NUWITK5EA2WALP       N          ALNAV                                            JS
        SUSAP KPHDK5FR14   R      030RW14 K5PG0GY M 031TF                    14720052      01640           000       A JS
        SUSAP KPHDK5FR14   R      040         0  M    CA                    1472        + 01294                     A JS
        SUSAP KPHDK5FR14   R      050HIMELK5EA0E       DF                                                          A JS
        SUSAP KPHDK5FR14   R      060CTW  K5D 0VY   010TF                    2143        + 03000                     A JS
        SUSAP KPHDK5FR14   R      070CTW  K5D 0VE  L   HM                    09300040    + 03000                     A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHDK5GRW14    0039511473 N40282758W081252498-0200    +023910089400330001OOR

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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CHECKED

CITY AND STATE	ELEVATION: 894 THRE: 894	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	AIRPORT NAME: HARRY CLEVER FIELD	RNAV	RNAV (GPS) RWY 14, ORIG-A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

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

```
SUSAP KPHDK5PR14   RW14 001 0000W14A0N4028275800W08125249760+023910000N4027199900W08124088500106751648000000F400000323FC527
SUSAP KPHDK5PR14   RW14 002E      +02725+02725LP        42725

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHDK5SRW14 K5PG              0   18018003425                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 894 THRE: 894	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	AIRPORT NAME: HARRY CLEVER FIELD	RNAV	RNAV (GPS) RWY 14, ORIG-A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	CEPSI	CEPSI	010	IAF	IF		FB					
	CEPSI	EPIBY	020		TF		FB	1.0	207.2(199.2T)	004.9	AA 03000	
	EPIBY	EPIBY	010	IAF	HF	R	FO		147.2(139.2T)	004.0	AA 03000	
	ZETMU	ZETMU	010	IAF	IF		FB					
	ZETMU	EPIBY	020		TF		FB	1.0	096.7(088.7T)	007.4	AA 03000	
		EPIBY	010	FACF	IF		FB				AA 03000	
		NUWIT	020	FAF	TF		FB	0.5	147.2(139.2T)	006.0	AA 02600	
		RW14	030	MAP	TF		FO	0.3	147.2(139.2T)	005.2	AT 01640	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		147.2(139.2T)		AA 01294	
	HIMEL	050		DF		FB					
	CTW	060		TF		FO	1.0	214.3(206.3T)		AA 03000	
	CTW	070		HM	L	FO		093.0(085.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CTW	N401345.15	W0812835.32	N4013.753	W08128.589
	CEPSI	N404137.86	W0813254.14	N4041.631	W08132.902
	EPIBY	N403658.28	W0813502.07	N4036.971	W08135.035
	HIMEL	N402453.60	W0812124.18	N4024.893	W08121.403
	NUWIT	N403225.57	W0812953.49	N4032.426	W08129.892
	ZETMU	N403648.83	W0814447.89	N4036.814	W08144.798
	RW14	N402827.58	W0812524.98	N4028.460	W08125.416

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW14	00894	00

CITY AND STATE	ELEVATION: 894 THRE: 894 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NEW PHILADELPHIA, OH	**HARRY CLEVER FIELD**	**RNAV**	**RNAV (GPS) RWY 14, ORIG-A** 12 DECEMBER 2013	AMDT: **1**
				DATED: **10/20/2011**

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DALLES	ONE	DALLS1.LTJ	NONE		12 DECEMBER 2013

TYPE: OBSTACLE

DP ROUTE DESCRIPTION:

TAKEOFF RWY 7, CLIMBING RIGHT TURN HEADING 120 TO INTERCEPT LTJ VOR/DME R-165, THEN CLIMB ON LTJ VOR/DME R-165 SOUTHBOUND TO 4000, THENCE...

TAKEOFF RWY 13, CLIMB HEADING 129.58 TO INTERCEPT LTJ VOR/DME R-165, THEN CLIMB ON LTJ VOR/DME R-165 SOUTHBOUND TO 4000, THENCE...

TAKEOFF RWY 31, CLIMBING LEFT TURN HEADING 120 TO INTERCEPT LTJ VOR/DME R-165, THEN CLIMB ON LTJ VOR/DME R-165 SOUTHBOUND TO 4000, THENCE...

...CLIMBING LEFT TURN DIRECT LTJ VOR/DME. CONTINUE CLIMB-IN-HOLD, HOLD E, LTJ VOR/DME, RT, 260 INBOUND TO CROSS LTJ VOR/DME AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF RWY 25: NA – TERRAIN.

TAKEOFF RWY 7: STANDARD WITH MINIMUM CLIMB OF 490 FT PER NM TO 3000.

TAKEOFF RWY 13: STANDARD WITH MINIMUM CLIMB OF 650 FT PER NM TO 1800 OR 900-2 ¾ WITH MINIMUM CLIMB OF 415 FT PER NM TO 3000.

TAKEOFF RWY 31: STANDARD WITH MINIMUM CLIMB OF 620 FT PER NM TO 3000.

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 7, TERRAIN 83 FT FROM DER, 249 FT RIGHT OF CENTERLINE, 248 FT MSL.

NOTE: RWY 13, FENCE 136 FT FROM DER, 316 FT RIGHT OF CENTERLINE, UP TO 249 FT MSL. RISING TERRAIN BEGINNING 1.2 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 836 FT MSL. BUILDINGS BEGINNING 1.3 NM FROM DER, 1069 FT RIGHT OF CENTERLINE, UP TO 663 FT MSL. TREES BEGINNING 1.5 NM FROM DER, 333 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1059 FT MSL. TOWER 2.2 NM FROM DER, 462 FT RIGHT OF CENTERLINE, 210 FT AGL/810 FT MSL. TREES BEGINNING 3.0 NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1220 FT MSL.

NOTE: RWY 31, TREES BEGINNING 86 FT FROM DER, 418 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/247 FT MSL. TREES BEGINNING 714 FT FROM DER, 120 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/256 FT MSL. TREES BEGINNING 1004 FT FROM DER, 354 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/290 FT MSL.

QUALITY 3 CHECKED

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DALLES	ONE	DALLS1.LTJ	NONE		12 DECEMBER 2013

CONTROLLING OBSTACLES:

RWY 7, 1059 FT MSL TREE 453507.51N/1210857.45W.

RWY 13, 1059 FT MSL TREE 453507.51N/1210857.45W; 1220 FT MSL TREE 453356.86N/1210740.75W; 810 FT MSL TOWER (41-000139) 453451.90N/1210757.60W; 1599 FT MSL AAO 453313.56N/1210908.13W; 3543 FT MSL AAO 451758.70N/1210508.50W

RWY 31, 2039 FT MSL AAO 453927.75N/1211505.96W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

COLUMBIA GORGE RGNL/THE DALLES MUNI	THE DALLES, OR

COMMUNICATIONS:

FIXES AND/OR NAVAIDS:

LTJ VOR/DME

QUALITY 3

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
DALLES	ONE	DALLS1.LTJ	NONE		12 DECEMBER 2013

REMARKS:

FLIGHT INSPECTED BY:

DANIEL FAVORITE

REQUIRED EFFECTIVE DATE:

DEVELOPED BY:

Digitally signed by Lonnie Everhart

ADOLFO URRUTIA (THERON CYRUS) AJV-354 6/13/2013

08/20/2012

APPROVED BY:

DEZ SILAGYI AJV-354 JUL 31 2013

COORDINATED WITH:

AOPA, ALPA, ATA, APA, NBAA, ZSE, FSS, AMGR.

CHANGES:

1. CHANGED RWY 31 TAKEOFF MINIMUMS FROM 2900-3 OR STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2700 TO STANDARD WITH MINIMUM CLIMB OF 620 FT PER NM TO 3000.
2. CHANGED RWY 12/30 TO RWY 13/31.
3. CHANGED RWY 13 TAKEOFF MINIMUMS FROM 1400-3 OR STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2000 TO STANDARD WITH MINIMUM CLIMB OF 650 FT PER NM TO 1800 OR 900-2 3/4 WITH MINIMUM CLIMB OF 415 FT PER NM TO 3000.
4. CHANGED RWY 7 TAKEOFF MINIMUMS FROM 900-3 OR STANDARD WITH MINIMUM CLIMB OF 330 TO 1200 TO STANDARD WITH MINIMUM CLIMB OF 490 TO 3000.
5. CHANGED RWY 7, 13, 31 TERM. ALT FROM 3500 TO 4000.
6. UPDATED TAKEOFF OBS NOTES.
7. CHANGED ODP FROM TEXTUAL TO GRAPHIC.

REASONS:

1. 3. 4. 5. 6. NEW OBS EVALUATION.
2. PER FPT/MAGVAR.
7. PER 8260.46, 2-1.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
THE DALLES, OR	COLUMBIA GORGE RGNL/THE DALLES MUNI	12 DECEMBER 2013	3

TAKEOFF MINIMUMS:

TEXTUAL DEPARTURE PROCEDURES:

USE DALLES DEPARTURE

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
THE DALLES, OR	COLUMBIA GORGE RGNL/THE DALLES MUNI	12 DECEMBER 2013	3

REMARKS:

VCOA NOT DEVELOPED PER ATC REQUEST.

FLIGHT INSPECTED BY:

DANIEL FAVORITE *Digitally signed by Lonnie Everhart* 6/13/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

ADOLFO URRUTIA (THERON CYRUS) *Digitally signed by Lonnie Everhart* AJV-354 8/20/2012

APPROVED BY:

DEZ SILAGYI *Digitally signed by Lonnie Everhart* AJV-354 7/31/2013

COORDINATED WITH:

AOPA, ALPA, ATA, APA, NBAA, ZSE, FSS, AMGR.

CHANGES:

1. CONVERTED TEXTUAL ODP TO GRAPHIC ODP

REASONS:

1. PER 8260.46 CRITERIA

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

CATEGORY =====>	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 12 DECEMBER 2013

QUALITY CHECKED

CITY AND STATE	ELEVATION: 277 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
COLLEGEVILLE, PA	PERKIOMEN VALLEY	PTW	VOR-A, ORIG-A, 04/08/2010	AMDT ORIG
				DATE 02/11/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
WAMCA (IF)	JUNIA (FB)	060.28 / 6.10	2000
JUNIA (FAF)	RW06 (MAP) (FO)	060.34 / 5.66	
RW06 (MAP)	490 MSL	060.34	
490 MSL	FLITS (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 3000 DIRECT FLITS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WAMCA
3. FAC: 060.34 FAF: JUNIA DIST FAF TO MAP: 5.66 THLD: 5.66
4. MIN. ALT: WAMCA 2000, JUNIA 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: JUNIA 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS NOT CLEAR
8. MSA FROM: RW06 2600

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 240.53 INBOUND.
CHART FAS OBST: 336 STACK 400152N/0750554W
CHART 241 TREE 400357N/0750208W.
DISTANCE TO THLD FROM 374 HAT: 1.01 NM.
CHART VDP AT 1.36 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 65622
REFERENCE PATH ID: W06A
LTP HAE: 0.7 M

MAG VAR: 12W EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	490	1 1/4	374	490	1 1/4	374	490	1 1/4	374	490	1 1/4	374			
LNAV/VNAV DA	540	1 1/2	424	540	1 1/2	424	540	1 1/2	424	540	1 1/2	424			
LNAV MDA	600	1	484	600	1	484	600	1 1/4	484	600	1 1/2	484			
CIRCLING	700	1	580	700	1	580	700	1 1/2	580	700	2	580			

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 PLANVIEW NOTE: RADAR REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING (SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 120 TDZE: 116 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PHILADELPHIA, PA	NORTHEAST PHILADELPHIA	RNAV	RNAV (GPS) RWY 6, ORIG-B	AMDT: ORIG-A
			12 DECEMBER 2013	DATED 09/24/2009

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
AND INCREASE ALL DA 50 FEET AND ALL MDA 60 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING PHILADELPHIA INTL ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
PHILADELPHIA, PA	**ELEVATION: 120** **TDZE: 116** AIRPORT NAME: **NORTHEAST PHILADELPHIA**	**RNAV**	**RNAV (GPS) RWY 6, ORIG-B** 12 DECEMBER 2013	SUP: AMDT: **ORIG-A** DATED: **09/24/2009**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPNE
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	400439.0200N
LTP/FTP LONGITUDE	0750112.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+00007
FPAP LATITUDE	400538.2100N
FPAP LONGITUDE	0745946.1100W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F38626AD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00338
FPAP ORTHOMETRIC HEIGHT	+00338

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 120 TDZE: 116	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PHILADELPHIA, PA	AIRPORT NAME: NORTHEAST PHILADELPHIA	RNAV	RNAV (GPS) RWY 6, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A
				DATED: 09/24/2009

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

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FLITS K60    C     N40130923W074484236                     W0125     NAR          FLITS
        SUSAEAENRT   JUNIA K60    W     N40005339W075064326                     W0122     NAR          JUNIA
        SUSAEAENRT   WAMCA K60    W     N39564997W075123852                     W0122     NAR          WAMCA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPNEK6APNE     0     070YHN40045500W075003810W012000120         1800018000C    MNAR    NORTHEAST PHILADELPHIA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPNEK6FR06   R      010WAMCAK6EA0E  I    IF                                  + 02000     18000                 A JS
        SUSAP KPNEK6FR06   R      020JUNIAK6EA1E  F 051TF                     06030061     + 02000                 RW06  K6PGA JS
        SUSAP KPNEK6FR06   R      020JUNIAK6EA2WALPV       ALNAV/VNAV ALNAV                                                   JS
        SUSAP KPNEK6FR06   R      030RW06 K6PG0GY M 031TF                     06030057      00168             -300          A JS
        SUSAP KPNEK6FR06   R      040         0  M     CA                     0603        + 00490                           A JS
        SUSAP KPNEK6FR06   R      050FLITSK6EA0EY      DF                                  + 03000                           A JS
        SUSAP KPNEK6FR06   R      060FLITSK6EA0EE  R   HM                     24050040     + 03000                           A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPNEK6GRW06    0070000604 N40043902W075011293+0000    +0000700111000057150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPNEK6PR06   RW06 001 0000W06A0N4004390200W07501129300+000070300N4005382100W074594611001067506160005 70F400500F38626AD
        SUSAP KPNEK6PR06   RW06 002E      +00338+00338LPV       65622

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPNEK6SRW06 K6PG                0   18018002625                                                                    M
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QUALITY A CHECKED

CITY AND STATE	ELEVATION: 120 TDZE: 116	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHILADELPHIA, PA	AIRPORT NAME: NORTHEAST PHILADELPHIA	RNAV	RNAV (GPS) RWY 6, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A DATED: 09/24/2009

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		WAMCA	010	FACF	IF		FB				AA 02000	
		JUNIA	020	FAF	TF		FB	0.5	060.3(048.3T)	006.1	AA 02000	
		RW06	030	MAP	TF		FO	0.3	060.3(048.3T)	005.7	AT 00168	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		060.3(048.3T)		AA 00490	
	FLITS	050		DF		FO				AA 03000	
	FLITS	060		HM	R	FO		240.5(228.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FLITS	N401309.23	W0744842.36	N4013.154	W07448.706
	JUNIA	N400053.39	W0750643.26	N4000.890	W07506.721
	WAMCA	N395649.97	W0751238.52	N3956.833	W07512.642
	RW06	N400439.02	W0750112.93	N4004.650	W07501.216

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00111	57

CITY AND STATE	ELEVATION: 120 TDZE: 116	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
PHILADELPHIA, PA	AIRPORT NAME: NORTHEAST PHILADELPHIA	RNAV	RNAV (GPS) RWY 6, ORIG-B 12 DECEMBER 2013	AMDT: ORIG-A DATED: 09/24/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEN VORTAC	NIBUW/I-CPT 6.20 DME	044.69 / 26.59	3000
MQP VORTAC (IAF)	ESKEF/I-CPT 16.20 DME (NOPT)	099.52 / 24.32	3000
ESKEF/I-CPT 16.20 DME (IF)	NIBUW/I-CPT 6.20 DME	153.21 / 10.00 (I-CPT)	2500

MISSED APPROACH

MAP: I-CPT 1.10 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 180 AND ACT VORTAC R-338 TO CELTC INT.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 158.00 INBOUND (DO NOT CHART).
CHART FAS OBST: 1043 DRILLING RIG 322243N/0972650W
CHART 1170 DRILLING RIG 322426N/0972701W.
CHART VDP AT 2.56 DME;
DISTANCE VDP TO THLD 1.47 MILES.
NIBUW TO RW15: 2.97/39.
CHART IN PLANVIEW: MQP R-114 AND JEN R-045 AT NIBUW.
CHART IN PLANVIEW: MQP R-100 AND JEN R-027 AT ESKEF.
CHART CIRCLING ICON.
CHART IN PLANVIEW ONLY: AT ESKEF, MQP 24.3 DME.
CHART IN PLANVIEW ONLY: AT NIBUW, JEN 26.6 DME.

1. PT L SIDE OF COURSE 333.21 OUTBOUND 2500 FT WITHIN 10 MILES OF NIBUW (IAF)
2.
3. FAC 153.21 FAF NIBUW/I-CPT 6.20 DME DIST FAF TO MAP THLD 5.10
4. MIN. ALT NIBUW 2500, YAPCU/I-CPT 3.50 DME 1560*
8. MSA FROM: JEN VORTAC 3600 (26 NM)

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-15	1360	1	506	1360	1	506	1360	1 3/8	506	1360	1 3/8	506			
CIRCLING	1400	1	546	1400	1	546	1680	2 1/2	826	1700	2 3/4	846			
FORT WORTH MEACHAM INTL., ALTIMETER SETTING MINIMUMS															
S-15	1440	1	586	1440	1	586	1440	1 3/4	586	1440	1 3/4	586			
CIRCLING	1440	1	586	1440	1	586	1720	2 3/4	866	1740	3	886			

NOTES:

CHART NOTE: VDP NA WITH FORT WORTH MEACHAM INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH MEACHAM INTL ALTIMETER SETTING.
*1660 WHEN USING FORT WORTH MEACHAM INTL ALTIMETER SETTING.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 854 THRE: 854 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CLEBURNE, TX	CLEBURNE RGNL	I-CPT	LOC/DME RWY 15, ORIG-C 12 DECEMBER 2013	AMDT ORIG-B
				DATE 03/09/2001

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

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NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: USE OF MQP AND JEN RADIALS MAY BE NECESSARY TO LOCATE ESKEF AND NIBUW FOR PROCEDURE ENTRY.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 854 THRE: 854	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CLEBURNE, TX	AIRPORT NAME: **CLEBURNE RGNL**	**I-CPT**	**LOC/DME RWY 15, ORIG-C** 12 DECEMBER 2013	AMDT: **ORIG-B**
				DATED: **03/09/2001**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

TAKEOFF: 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 12 DECEMBER 2013

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3991 TDZE: 3990	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
DALHART, TX	AIRPORT NAME: **DALHART MUNI**	**GPS**	**GPS RWY 17, ORIG-B, 12/28/2000**	AMDT **ORIG-A**
				DATE **03/26/1996**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DHT VORTAC	UMGEH (FO)	350.17 / 8.07	6000
COYAG (IAF)	UMGEH (NOPT) (FB)	114.87 / 13.34	6000
OXUTE (IAF)	UMGEH (NOPT) (FB)	247.15 / 16.37	6000
UMGEH (IF/IAF)	ZAPAX (FB)	170.85 / 7.10	5500
ZAPAX (FAF)	YULUY/1.60 NM TO RW17 (FB)	170.85 / 2.98	
YULUY/1.60 NM TO RW17	RW17 (MAP) (FO)	170.85 / 1.60	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 6000 DIRECT WIRNU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N UMGEH, RT, 170.85 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
3. FAC: 170.85 FAF: ZAPAX DIST FAF TO MAP: 4.58 THLD: 4.58
4. MIN. ALT: UMGEH 6000, ZAPAX 5500, YULUY/1.60 NM TO RW17 4540*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5500 GS ALT AT: ZAPAX 5500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW17 5900

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 350.85 INBOUND.
CHART FAS OBST: 4083 WATER TWR 360151N/1023317W
DISTANCE TO THLD FROM 250 HATH: 0.63 NM.
CHART VDP AT 1.02 MILES TO RW17*
WAAS CHANNEL # 97435
REFERENCE PATH ID: W17A
CHART CIRCLING ICON.
LTP HAE: 1191.6 M

MAG VAR: 9E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4241	3/4	250	4241	3/4	250	4241	3/4	250	4241	3/4	250			
LNAV/VNAV DA	4270	7/8	279	4270	7/8	279	4270	7/8	279	4270	7/8	279			
LNAV MDA	4340	1	349	4340	1	349	4340	1	349	4340	1	349			
CIRCLING	4380	1	389	4660	1	669	4660	1 3/4	669	4660	2	669			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 51C (124F).
CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY

CITY AND STATE	ELEVATION: 3991 THRE: 3991	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW17 (MAP)	4241 MSL	170.85	
4241 MSL	WIRNU (FO)		6000

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3991 THRE: 3991	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDHT
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	360152.0295N
LTP/FTP LONGITUDE	1023247.1075W
LTP/FTP ELLIPSOIDAL HEIGHT	+11916
FPAP LATITUDE	360022.8000N
FPAP LONGITUDE	1023246.8200W
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	0800
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	2DAF8A86

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+12165
FPAP ORTHOMETRIC HEIGHT	+12165

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
--------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DHT   K4011200VTLA N36052924W102324071    N36052924W102324071E0120040201     NARDALHART

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
--------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COYAG K40    C   L N36210128W102463085                    E0072     NAR          COYAG
        SUSAEAENRT   OXUTE K40    C   L N36173084W102131104                    E0069     NAR          OXUTE
        SUSAEAENRT   UMGEH K40    W     N36133383W102324938                    E0071     NAR          UMGEH
        SUSAEAENRT   WIRNU K40    W     N35491534W102324468                    E0070     NAR          WIRNU
        SUSAEAENRT   YULUY K40    W     N36032817W102324742                    E0071     NAR          YULUY
        SUSAEAENRT   ZAPAX K40    W     N36062727W102324800                    E0071     NAR          ZAPAX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
--------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4ADHT     0     064YHN36012090W102325060E009003991        1800018000C    MNAR    DALHART MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
--------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4FR17   ACOYAG 010COYAGK4EA0E  A    IF                                          18000                A JS
        SUSAP KDHTK4FR17   ACOYAG 020UMGEHK4EA0EE B 010TF                  11490133    + 06000                         A JS
        SUSAP KDHTK4FR17   ADHT   010DHT  K4D 0V       IF                                          18000                A JS
        SUSAP KDHTK4FR17   ADHT   020UMGEHK4EA0EY   020TF                 35020081    + 06000                         A JS
        SUSAP KDHTK4FR17   ADHT   030UMGEHK4EA0EE AR   HF                 17090060    + 06000                         A JS
        SUSAP KDHTK4FR17   AOXUTE 010OXUTEK4EA0E  A    IF                                          18000                A JS
        SUSAP KDHTK4FR17   AOXUTE 020UMGEHK4EA0EE B 010TF                  24720164    + 06000                         A JS
        SUSAP KDHTK4FR17   R      010UMGEHK4EA0E  I    IF                             + 06000     18000                A JS
        SUSAP KDHTK4FR17   R      020ZAPAXK4EA1E  F 051TF                 17090071    + 05500                RW17  K4PGA JS
        SUSAP KDHTK4FR17   R      020ZAPAXK4EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KDHTK4FR17   R      021YULUYK4EA0E S  031TF                 17090030    V 0454004551       -300          A JS
        SUSAP KDHTK4FR17   R      030RW17 K4PGOGY M 031TF                 17090016      04041            -300          A JS
        SUSAP KDHTK4FR17   R      040         0  M     CA                 1709        + 04241                         A JS
        SUSAP KDHTK4FR17   R      050WIRNUK4EA0EY       DF                             + 06000                         A JS
        SUSAP KDHTK4FR17   R      060WIRNUK4EA0EE  R   HM                 35090060    + 06000                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
--------------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4GRW17    0064001709 N36015203W102324711-0100    +1191603991000050075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: **3991** **THRE: 3991**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: **DALHART MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG** 12 DECEMBER 2013	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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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4PR17   RW17 001 0000W17A0N3601520295W10232471075+119160300N3600228000W10232468200106750800000500F4005002DAF8A86
        SUSAP KDHTK4PR17   RW17 002E      +12165+12165LPV       97435

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4SRW17 K4PG               0   18018005925                                                                  M
```

CITY AND STATE	ELEVATION: 3991 THRE: 3991	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	COYAG	COYAG	010	IAF	IF		FB					
	COYAG	UMGEH	020		TF		FB	1.0	114.9(123.9T)	013.3	AA 06000	
	DHT	DHT	010		IF		FB					
	DHT	UMGEH	020		TF		FO	2.0	350.2(359.2T)	008.1	AA 06000	
	DHT	UMGEH	030	IAF	HF	R	FO		170.9(179.9T)	006.0	AA 06000	
	OXUTE	OXUTE	010	IAF	IF		FB					
	OXUTE	UMGEH	020		TF		FB	1.0	247.2(256.2T)	016.4	AA 06000	
		UMGEH	010	FACF	IF		FB				AA 06000	
		ZAPAX	020	FAF	TF		FB	0.5	170.9(179.9T)	007.1	AA 05500	
		YULUY	021	SDF	TF		FB	0.3	170.9(179.9T)	003.0	AA 04540	GS 04551
		RW17	030	MAP	TF		FO	0.3	170.9(179.9T)	001.6	AT 04041	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		170.9(179.9T)		AA 04241	
	WIRNU	050		DF		FO				AA 06000	
	WIRNU	060		HM	R	FO		350.9(359.9T)	006.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DHT	N360529.24	W1023240.71	N3605.487	W10232.679
	COYAG	N362101.28	W1024630.85	N3621.021	W10246.514
	OXUTE	N361730.84	W1021311.04	N3617.514	W10213.184
	UMGEH	N361333.83	W1023249.38	N3613.564	W10232.823
	WIRNU	N354915.34	W1023244.68	N3549.256	W10232.745
	YULUY	N360328.17	W1023247.42	N3603.470	W10232.790
	ZAPAX	N360627.27	W1023248.00	N3606.455	W10232.800
	RW17	N360152.03	W1023247.11	N3601.867	W10232.785

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	03991	50

CITY AND STATE	ELEVATION: **3991** **THRE: 3991**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: **DALHART MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DHT VORTAC	WIRNU (FO)	171.19 / 16.21	6000
EXELL	YORCU (FB)	286.04 / 17.61	6000
YORCU (IAF)	WIRNU (NOPT) (FB)	290.92 / 7.00	6000
WIXIX	PEZIB (FB)	110.81 / 18.68	6000
PEZIB (IAF)	WIRNU (NOPT) (FB)	050.78 / 7.00	6000
WIRNU (IF/IAF)	JOKTO (FB)	350.85 / 6.30	5700
JOKTO (FAF)	ONIVY/2.20 NM TO RW35 (FB)	350.85 / 3.04	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 6000 DIRECT UMGEH AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S WIRNU, RT, 350.85 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
3. FAC: 350.85 FAF: JOKTO DIST FAF TO MAP: 5.24 THLD: 5.24
4. MIN. ALT: WIRNU 6000, JOKTO 5700, ONIVY/2.20 NM TO RW35 4720*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 5700 GS ALT AT: JOKTO 5700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS CLEAR
8. MSA FROM: RW35 5900

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 170.85 INBOUND.
CHART FAS OBST: 4021 TREE 355945N/1023259W
DISTANCE TO THLD FROM 250 HATH: 0.64 NM.
CHART VDP AT 0.80 MILES TO RW35*
*LNAV ONLY.
WAAS CHANNEL # 56335
REFERENCE PATH ID: W35A
CHART CIRCLING ICON
LTP HAE: 1190.3 M

MAG VAR: 9E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4237	3/4	250	4237	3/4	250	4237	3/4	250	4237	3/4	250			
LNAV/VNAV DA	4249	7/8	262	4249	7/8	262	4249	7/8	262	4249	7/8	262			
LNAV MDA	4280	1	293	4280	1	293	4280	1	293	4280	1	293			
CIRCLING	4380	1	389	4660	1	669	4660	1 3/4	669	4660	2	669			

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 3991 THRE: 3987 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALHART, TX	DALHART MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ONIVY/2.20 NM TO RW35	RW35 (MAP) (FO)	350.85 / 2.20	
RW35 (MAP)	4237 MSL	350.85	
4237 MSL	UMGEH (FO)		6000

NOTES, (CONT.):
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 52C (126F).

QUALITY 2

CITY AND STATE	ELEVATION: 3991 THRE: 3987	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDHT
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	360048.7485N
LTP/FTP LONGITUDE	1023246.9075W
LTP/FTP ELLIPSOIDAL HEIGHT	+11903
FPAP LATITUDE	360217.9800N
FPAP LONGITUDE	1023247.2000W
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	0800
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	31D75BEC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+12151
FPAP ORTHOMETRIC HEIGHT	+12151

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DALHART, TX	ELEVATION: 3991 THRE: 3987 AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 - RNAV (GPS)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DHT   K4011200VTLA N36052924W102324071    N36052924W102324071E0120040201     NARDALHART

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EXELL K40    R   L N35381940W102054076                      E0068     NAR           EXELL
        SUSAEAENRT   JOKTO K40    W     N35553402W102324590                      E0070     NAR           JOKTO
        SUSAEAENRT   ONIVY K40    W     N35583656W102324648                      E0071     NAR           ONIVY
        SUSAEAENRT   PEZIB K40    W     N35454384W102401094                      E0071     NAR           PEZIB
        SUSAEAENRT   UMGEH K40    W     N36133383W102324938                      E0071     NAR           UMGEH
        SUSAEAENRT   WIRNU K40    W     N35491534W102324468                      E0070     NAR           WIRNU
        SUSAEAENRT   WIXIX K40    R   L N35550345W103000602                      E0073     NAR           WIXIX
        SUSAEAENRT   YORCU K40    W     N35454575W102251707                      E0070     NAR           YORCU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4ADHT     0     064YHN36012090W102325060E009003991         1800018000C    MNAR    DALHART MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4FR35   ADHT   010DHT  K4D 0V       IF                                                18000                 A JS
        SUSAP KDHTK4FR35   ADHT   020WIRNUK4EA0EY   020TF                    17120162    + 06000                                A JS
        SUSAP KDHTK4FR35   ADHT   030WIRNUK4EA0EE AR   HF                    35090060    + 06000                                A JS
        SUSAP KDHTK4FR35   AEXELL 010EXELLK4EA0E       IF                                                18000                 A JS
        SUSAP KDHTK4FR35   AEXELL 020YORCUK4EA0E  A 020TF                    28600176    + 06000                                A JS
        SUSAP KDHTK4FR35   AEXELL 030WIRNUK4EA0EE B 010TF                    29090070    + 06000                                A JS
        SUSAP KDHTK4FR35   AWIXIX 010WIXIXK4EA0E       IF                                                18000                 A JS
        SUSAP KDHTK4FR35   AWIXIX 020PEZIBK4EA0E  A 020TF                    11080187    + 06000                                A JS
        SUSAP KDHTK4FR35   AWIXIX 030WIRNUK4EA0EE B 010TF                    05080070    + 06000                                A JS
        SUSAP KDHTK4FR35   R      010WIRNUK4EA0E  I    IF                                + 06000     18000                 A JS
        SUSAP KDHTK4FR35   R      020JOKTOK4EA1E  F 051TF                    35090063    + 05700                 RW35  K4PGA JS
        SUSAP KDHTK4FR35   R      020JOKTOK4EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KDHTK4FR35   R      021ONIVYK4EA0E S  031TF                    35090030    V 0472004732        -300          A JS
        SUSAP KDHTK4FR35   R      030RW35 K4PG0GY M 031TF                    35090022      04032             -300          A JS
        SUSAP KDHTK4FR35   R      040         0  M     CA                    3509        + 04237                                A JS
        SUSAP KDHTK4FR35   R      050UMGEHK4EA0EY      DF                                + 06000                                A JS
        SUSAP KDHTK4FR35   R      060UMGEHK4EA0EE  R   HM                    17090060    + 06000                                A JS

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

CITY AND STATE	ELEVATION: 3991 THRE: 3987	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: **DALHART MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** 12 DECEMBER 2013	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.

```
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4GRW35    0064003509 N36004875W102324691+0100    +1190303987000045075R
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4PR35   RW35 001 0000W35A0N3600487485W10232469075+119030300N3602179800W1023247200010675080000045 0F40050031D75BEC
        SUSAP KDHTK4PR35   RW35 002E      +12151+12151LPV       56335
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHTK4SRW35 K4PG                0   18018005925                                                                    M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 3991 THRE: 3987	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 12 DECEMBER 2013	AMDT: NONE DATED:

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DHT	DHT	010		IF		FB					
	DHT	WIRNU	020		TF		FO	2.0	171.2(180.2T)	016.2	AA 06000	
	DHT	WIRNU	030	IAF	HF	R	FO		350.9(359.9T)	006.0	AA 06000	
	EXELL	EXELL	010		IF		FB					
	EXELL	YORCU	020	IAF	TF		FB	2.0	286.0(295.0T)	017.6	AA 06000	
	EXELL	WIRNU	030		TF		FB	1.0	290.9(299.9T)	007.0	AA 06000	
	WIXIX	WIXIX	010		IF		FB					
	WIXIX	PEZIB	020	IAF	TF		FB	2.0	110.8(119.8T)	018.7	AA 06000	
	WIXIX	WIRNU	030		TF		FB	1.0	050.8(059.8T)	007.0	AA 06000	
		WIRNU	010	FACF	IF		FB				AA 06000	
		JOKTO	020	FAF	TF		FB	0.5	350.9(359.9T)	006.3	AA 05700	
		ONIVY	021	SDF	TF		FB	0.3	350.9(359.9T)	003.0	AA 04720	GS 04732
		RW35	030	MAP	TF		FO	0.3	350.9(359.9T)	002.2	AT 04032	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		350.9(359.9T)		AA 04237	
	UMGEH	050		DF		FO				AA 06000	
	UMGEH	060		HM	R	FO		170.9(179.9T)	006.0	AA 06000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DHT	N360529.24	W1023240.71	N3605.487	W10232.679
	EXELL	N353819.40	W1020540.76	N3538.323	W10205.679
	JOKTO	N355534.02	W1023245.90	N3555.567	W10232.765
	ONIVY	N355836.56	W1023246.48	N3558.609	W10232.775
	PEZIB	N354543.84	W1024010.94	N3545.731	W10240.182
	UMGEH	N361333.83	W1023249.38	N3613.564	W10232.823
	WIRNU	N354915.34	W1023244.68	N3549.256	W10232.745
	WIXIX	N355503.45	W1030006.02	N3555.058	W10300.100
	YORCU	N354545.75	W1022517.07	N3545.763	W10225.285
	RW35	N360048.75	W1023246.91	N3600.813	W10232.782

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	03987	45

CITY AND STATE	ELEVATION: 3991 THRE: 3987	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DALHART, TX	AIRPORT NAME: DALHART MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DHT VORTAC	DRUGG/ 9.00 DME	169.03 / 9.00	5600
OWUKU/17.00 DME CW (IAF)	ZAKEP/17.00 DME (NOPT)	17.00 DME ARC	5800
OWUPO/17.00 DME CCW (IAF)	ZAKEP/17.00 DME (NOPT)	17.00 DME ARC	5800
ZAKEP/17.00 DME (IF)	DRUGG/9.00 DME	349.03 / 8.00 (DHT R-349)	5400

MISSED APPROACH

MAP: 4.67 DME FIX

CLIMB TO 5700 DIRECT DHT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 169.03 INBOUND.
FAS OBST: 4182 AAO 355727N/1023254W
CHART VDP AT 5.97 DME;
DISTANCE VDP TO THLD 1.30 MILES.
CHART DHT R-247 AT OWUPO.
CHART DHT R-094 AT OWUKU.
DRUGG TO RW35: 2.97/50.
CHART CIRCLING ICON.

1. PT R SIDE OF COURSE 169.03 OUTBOUND 5600 FT WITHIN 10 MILES OF DRUGG (IAF)
2.
3. FAC 349.03 FAF DRUGG/9.00 DME DIST FAF TO MAP THLD 4.33
4. MIN. ALT DRUGG 5400
8. MSA FROM: DHT VORTAC 6000

MAG VAR: 12E EPOCH YEAR:1965

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-35	4440	1	453	4440	1	453	4440	1 3/8	453	4440	1 3/8	453			
CIRCLING	4440	1	449	4660	1	669	4660	1 3/4	669	4660	2	669			

NOTES:

CHART NOTE: CIRCLING NA WEST OF RWY 17-35.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3991 THRE: 3987 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS RWY 35
DALHART, TX	DALHART MUNI	DHT	VOR/DME RWY 35, AMDT 3 12 DECEMBER 2013	AMDT 2B DATE 06/11/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.23

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

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 3991 THRE: 3987 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: VOR/DME OR GPS RWY 35
DALHART, TX	DALHART MUNI	DHT	VOR/DME RWY 35, AMDT 3 12 DECEMBER 2013	AMDT: 2B DATED: 06/11/2004

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EMEWO (IF)	FIDNO (FB)	073.44 / 6.90	2700
FIDNO (FAF)	HULOX/1.80 NM TO RW07R (FB)	073.56 / 4.23	
HULOX/1.80 NM TO RW07R	RW07R (MAP) (FO)	073.56 / 1.80	
RW07R (MAP)	2900 MSL	073.56	2900
2900 MSL	BAE VORTAC (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW07R

CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 3000 DIRECT BAE VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EMEWO
3. FAC: 073.56 FAF: FIDNO DIST FAF TO MAP: 6.03 THLD: 6.03
4. MIN. ALT: EMEWO 2900, FIDNO 2700, HULOX/1.80 NM TO RW07R 1340*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: FIDNO 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.9 34:1 IS CLEAR
8. MSA FROM: RW07R 2900

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 921 TANK 425525N/0875654W
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 1.22 MILES TO RW07R*
*LNAV ONLY.
WAAS CHANNEL # 69226
REFERENCE PATH ID: W07A
LTP HAE: 187.2 M

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	929	2400	200	929	2400	200	929	2400	200	929	2400	200			
LNAV/VNAV DA	1232	1 1/4	503	1232	1 1/4	503	1232	1 1/4	503	1232	1 1/4	503			
LNAV MDA	1180	2400	451	1180	2400	451	1180	4500	451	1180	4500	451			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: CIRCLING TO RWY 25R NA AT NIGHT.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 7R, AMDT 1A 12 DECEMBER 2013	SUP: RNAV (GPS) RWY 7R AMDT: 1 DATED 10/20/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW07R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	425620.6610N
LTP/FTP LONGITUDE	0875503.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01872
FPAP LATITUDE	425648.7000N
FPAP LONGITUDE	0875308.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00049.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	2C1CEDD2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02222
FPAP ORTHOMETRIC HEIGHT	+02222

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE   K5011640VTHA N43070067W088170364    N43070067W088170364E0020010702     NARBADGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EMEWO K50    W     N42521494W088114545                    W0035     NAR           EMEWO
        SUSAEAENRT   FIDNO K50    C     N42542641W088025142                    W0036     NAR           FIDNO
        SUSAEAENRT   HULOX K50    C     N42554663W087572346                    W0037     NAR           HULOX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     099YHN42564895W087534945W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FR07RZ R      010EMEWOK5EA0E  I    IF                              + 02900     18000              A JS
        SUSAP KMKEK5FR07RZ R      020FIDNOK5EA1E  F 051TF                  07340069    + 02700                RW07R K5PGA JS
        SUSAP KMKEK5FR07RZ R      020FIDNOK5EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KMKEK5FR07RZ R      021HULOXK5EA0E S  031TF                  07360042    V 0134001352        -300          A JS
        SUSAP KMKEK5FR07RZ R      030RW07RK5PG0GY M 031TF                  07360018      00779             -300          A JS
        SUSAP KMKEK5FR07RZ R      040         0  M     CA                  0736        + 02900                          A JS
        SUSAP KMKEK5FR07RZ R      050BAE  K5D 0VY  L   DF                              + 03000                          A JS
        SUSAP KMKEK5FR07RZ R      060BAE  K5D 0VE  R   HM                  09000040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW07R   0083000737 N42562066W087550393-0700    +018720072900005015OIIGMF1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5PR07RZ RW07R001Z0000W07A0N4256206610W08755039300+018720300N4256487000W087530878001067502240004 99F4003502C1CEDD2
        SUSAP KMKEK5PR07RZ RW07R002E      +02222+02222LPV       69226

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SRW07RK5PG              0   18018002925                                                                  M
```

CITY AND STATE	ELEVATION: 729 THRE: 729 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 7R
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 7R, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		EMEWO	010	FACF	IF		FB				AA 02900	
		FIDNO	020	FAF	TF		FB	0.5	073.4(071.4T)	006.9	AA 02700	
		HULOX	021	SDF	TF		FB	0.3	073.6(071.6T)	004.2	AA 01340 GS 01352	
		RW07R	030	MAP	TF		FO	0.3	073.6(071.6T)	001.8	AT 00779	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		073.6(071.6T)		AA 02900	
	BAE	050		DF	L	FO				AA 03000	
	BAE	060		HM	R	FO		090.0(088.0T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.64	N4307.011	W08817.061
	EMEWO	N425214.94	W0881145.45	N4252.249	W08811.758
	FIDNO	N425426.41	W0880251.42	N4254.440	W08802.857
	HULOX	N425546.63	W0875723.46	N4255.777	W08757.391
	RW07R	N425620.66	W0875503.93	N4256.344	W08755.066

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	00729	50

QUALITY CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 7R
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**RNAV**	**RNAV (GPS) Z RWY 7R, AMDT 1A** 12 DECEMBER 2013	AMDT: **1**
				DATED: **10/20/2011**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRANS (IAF)	CITKI (FB)	163.79 / 10.50	2900
FITGU (IAF)	CITKI (FB)	343.89 / 10.50	2900
CITKI (IF)	FAHEY (FB)	253.84 / 6.85	2500
FAHEY (FAF)	RW25L (MAP) (FO)	253.74 / 5.60	
RW25L (MAP)	960 MSL	253.74	
960 MSL	OMTOE (FB)		
OMTOE	BAE VORTAC (FO)	334.49 / 15.42	2900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25L

CLIMB TO 2900 DIRECT OMTOE AND ON TRACK 334.49 TO BAE VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CITKI
3. FAC: 253.74 FAF: FAHEY DIST FAF TO MAP: 5.60 THLD: 5.60
4. MIN. ALT: CITKI 2900, FAHEY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: FAHEY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 47.0 34:1 IS NOT CLEAR
8. MSA FROM: RW25L 2900

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 930 ROD ON OL STK 425649N/0875138W
DISTANCE TO THLD FROM 290 HATH: 0.76 NM.
CHART VDP AT 1.45 MILES TO RW25L*
*LNAV ONLY.
WAAS CHANNEL # 62826
REFERENCE PATH ID: W25A
LTP HAE: 169.1 M

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	960	1	290	960	1	290	960	1	290	960	1	290			
LNAV/VNAV DA	1249	2	579	1249	2	579	1249	2	579	1249	2	579			
LNAV MDA	1180	1	510	1180	1	510	1180	1 3/8	510	1180	1 3/8	510			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

QUALITY 11 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 670 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 25L, AMDT 1A 12 DECEMBER 2013	SUP: RNAV (GPS) RWY 25L AMDT: 1 DATED 10/20/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING TO RWY 25R NA AT NIGHT.

CITY AND STATE	ELEVATION: 729 THRE: 670 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25L
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 25L, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW25L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	425645.1170N
LTP/FTP LONGITUDE	0875323.5380W
LTP/FTP ELLIPSOIDAL HEIGHT	+01691
FPAP LATITUDE	425617.0600N
FPAP LONGITUDE	0875518.6800W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B2A1279E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02041
FPAP ORTHOMETRIC HEIGHT	+02041

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE   K5011640VTHA N43070067W088170364     N43070067W088170364E0020010702      NARBADGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRANS K50    W     N43103776W087414545                      W0039     NAR           BRANS
        SUSAEAENRT   CITKI K50    C     N43003909W087371710                      W0040     NAR           CITKI
        SUSAEAENRT   FAHEY K50    C     N42583064W087460910                      W0038     NAR           FAHEY
        SUSAEAENRT   FITGU K50    W     N42504023W087325019                      W0040     NAR           FITGU
        SUSAEAENRT   OMTOE K50    W     N42532033W088072023                      W0035     NAR           OMTOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     099YHN42564895W087534945W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FR25LZ ABRANS 010BRANSK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR25LZ ABRANS 020CITKIK5EA0EE B 010TF                    16380105    + 02900                       A JS
        SUSAP KMKEK5FR25LZ AFITGU 010FITGUK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR25LZ AFITGU 020CITKIK5EA0EE B 010TF                    34390105    + 02900                       A JS
        SUSAP KMKEK5FR25LZ R      010CITKIK5EA0E  I    IF                                + 02900   18000               A JS
        SUSAP KMKEK5FR25LZ R      020FAHEYK5EA1E  F 051TF                    25380069    + 02500             RW25L K5PGA JS
        SUSAP KMKEK5FR25LZ R      020FAHEYK5EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KMKEK5FR25LZ R      030RW25LK5PG0GY M 031TF                    25370056      00717          -300          A JS
        SUSAP KMKEK5FR25LZ R      040         0  M     CA                    2537        + 00960                       A JS
        SUSAP KMKEK5FR25LZ R      050OMTOEK5EA0E        DF                                                            A JS
        SUSAP KMKEK5FR25LZ R      060BAE  K5D 0VY   010TF                    3345        + 02900                       A JS
        SUSAP KMKEK5FR25LZ R      070BAE  K5D 0VE  R   HM                    09000040    + 02900                       A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW25L   0083002537 N42564512W087532354+0700     +016910067004324715 0RIPXY0

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5PR25LZ RW25L001Z0000W25A0N4256451170W08753235380+016910300N4256170600W087551868001067503520004 70F400500B2A1279B
```

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25L
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 25L, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

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

```
        SUSAP KMKEK5PR25LZ RW25L002E      +02041+02041LPV       62826

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SRW25LK5PG              0   18018002925                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25L
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 25L, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

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

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BRANS	BRANS	010	IAF	IF		FB					
	BRANS	CITKI	020		TF		FB	1.0	163.8(161.8T)	010.5	AA 02900	
	FITGU	FITGU	010	IAF	IF		FB					
	FITGU	CITKI	020		TF		FB	1.0	343.9(341.9T)	010.5	AA 02900	
		CITKI	010	FACF	IF		FB				AA 02900	
		FAHEY	020	FAF	TF		FB	0.5	253.8(251.8T)	006.9	AA 02500	
		RW25L	030	MAP	TF		FO	0.3	253.7(251.7T)	005.6	AT 00717	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		253.7(251.7T)		AA 00960	
	OMTOE	050		DF		FB					
	BAE	060		TF		FO	1.0	334.5(332.5T)		AA 02900	
	BAE	070		HM	R	FO		090.0(088.0T)	004.0	AA 02900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.64	N4307.011	W08817.061
	BRANS	N431037.76	W0874145.45	N4310.629	W08741.758
	CITKI	N430039.09	W0873717.10	N4300.652	W08737.285
	FAHEY	N425830.64	W0874609.10	N4258.511	W08746.152
	FITGU	N425040.23	W0873250.19	N4250.671	W08732.837
	OMTOE	N425320.33	W0880720.23	N4253.339	W08807.337
	RW25L	N425645.12	W0875323.54	N4256.752	W08753.392

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25L	00670	47

QUALITY CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 670 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 25L
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) Z RWY 25L, AMDT 1A 12 DECEMBER 2013	AMDT: 1 DATED: 10/20/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COD VOR/DME	HCY NDB	037.51 / 28.42	8300

MISSED APPROACH

MAP: HCY NDB

CLIMB TO 5700 THEN CLIMBING RIGHT TURN TO 6400 DIRECT HCY NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 080.00 INBOUND.
FAS OBST: 4839 AAO 445443N/1084040W
CHART CIRCLING ICON
FAC CROSSES RWY C/L EXTENDED 2660 FROM THLD.

1. PT L SIDE OF COURSE 260.00 OUTBOUND 6400 FT WITHIN 10 MILES OF HCY NDB (IAF)
2.
3. FAC 080.00 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: HCY NDB 130-300 7800, 300-130 11300

MAG VAR: 11E EPOCH YEAR: 2015

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-9	5200	1 1/4	1117	5200	1 1/2	1117	5200	3	1117	5200	3	1117			
CIRCLING	5200	1 1/4	1106	5200	1 1/2	1106	5200	3	1106	5260	3	1166			

NOTES:

CHART NOTE: WHEN RWY 9 VGSI INOPERATIVE, STRAIGHT-IN AND CIRCLING RWY 9 MINIMUMS NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREYBULL ALTIMETER SETTING AND INCREASE CIRCLING CATS A/B/C MDA 80 FEET AND CIRCLING CAT D MDA 100 FEET.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4094 THRE: 4083 / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
COWLEY/LOVELL/BYRON, WY	NORTH BIG HORN COUNTY	HCY	NDB RWY 9, AMDT 2 12 DECEMBER 2013	SUP NDB OR GPS RWY 9 AMDT 1 DATE 07/22/1993

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.27

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4094 THRE: 4083 / AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: NDB OR GPS RWY 9
COWLEY/LOVELL/BYRON, WY	NORTH BIG HORN COUNTY	HCY	NDB RWY 9, AMDT 2 12 DECEMBER 2013	AMDT: 1 DATED: 07/22/1993

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SOLME (IAF)	KODTE (FB)	162.99 / 20.29	6900
SEZJI (IAF)	KODTE (FB)	028.74 / 12.82	6900
KODTE (IF)	YODUS (FB)	094.57 / 6.01	6000
YODUS (FAF)	HIMIG/2.90 NM TO RW09 (FB)	094.67 / 2.94	
HIMIG/2.90 NM TO RW09	RW09 (MAP) (FO)	094.67 / 2.90	
RW09 (MAP)	4600 MSL	094.67	4600
4600 MSL	SEZJI (FO)		8500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

CLIMB TO 4600 THEN CLIMBING RIGHT TURN TO 8500 DIRECT SEZJI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT KODTE
3. FAC: 094.67 FAF: YODUS DIST FAF TO MAP: 5.84 THLD: 5.84
4. MIN. ALT: KODTE 6900, YODUS 6000, HIMIG/2.90 NM TO RW09 5060*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6000 GS ALT AT: YODUS 6000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM: RW09 11300

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 000.32 INBOUND.
CHART FAS OBST: 4185 GRD 445540N/1082811W
FAS OBST: 4519 AAO 445613N/1083223W
DISTANCE TO THLD FROM 250 HATH: 0.61 NM.
WAAS CHANNEL # 86333
REFERENCE PATH ID: W09A
CHART CIRCLING ICON
LTP HAE: 1231.9 M

MAG VAR: 11E EPOCH YEAR: 2015

MINIMUMS

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

ALTERNATE: N A [X]

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	4333	1	250	4333	1	250	4333	1	250	4333	1	250			
LNAV/VNAV DA	4341	1	258	4341	1	258	4341	1	258	4341	1	258			
LNAV MDA	4440	1	357	4440	1	357	4440	1	357	4440	1	357			
CIRCLING	4520	1	426	4680	1	586	4940	2 1/2	846	5260	3	1166			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING GREYBULL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C (-9F) OR ABOVE 49C (121F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4094 THRE: 4083	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: NORTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 9, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED

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

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN RWY 9 VGSI INOP, STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT.
CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREYBULL ALTIMETER SETTING AND INCREASE ALL DA 87 FEET AND ALL LPV AND LNAV/VNAV VISIBILITY 1/8 MILE. INCREASE ALL MDA 100 FEET AND LNAV CATS C/D VISIBILITY 3/8 MILE AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY 4 CERTIFIED

CITY AND STATE	ELEVATION: 4094 THRE: 4083	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: NORTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 9, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	U68
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	445450.4815N
LTP/FTP LONGITUDE	1082712.4320W
LTP/FTP ELLIPSOIDAL HEIGHT	+12319
FPAP LATITUDE	445426.2675N
FPAP LONGITUDE	1082511.7770W
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	1168
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	910B43A1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+12446
FPAP ORTHOMETRIC HEIGHT	+12446

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4094 THRE: 4083	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: NORTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 9, ORIG 12 DECEMBER 2013	AMDT: NONE
				DATED:

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HIMIG K10    W     N44553767W108310814                    E0110     NAR           HIMIG
        SUSAEAENRT   KODTE K10    W     N44580245W108431624                    E0111     NAR           KODTE
        SUSAEAENRT   SEZJI K10    C   L N44481180W108544864                    E0112     NAR           SEZJI
        SUSAEAENRT   SOLME K10    C   L N45181306W108461573                    E0112     NAR           SOLME
        SUSAEAENRT   YODUS K10    W     N44562544W108350758                    E0111     NAR           YODUS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP U68 K1AU68     0     052YHN44544200W108264380E011004094         1800018000C    MNAR    NORTH BIG HORN COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP U68 K1FR09   ASEZJI 010SEZJIK1EA0E  A    IF                                          18000                A JS
        SUSAP U68 K1FR09   ASEZJI 020KODTEK1EA0EE B 010TF                    02870128    + 06900                      A JS
        SUSAP U68 K1FR09   ASOLME 010SOLMEK1EA0E  A    IF                                          18000                A JS
        SUSAP U68 K1FR09   ASOLME 020KODTEK1EA0EE B 010TF                    16300203    + 06900                      A JS
        SUSAP U68 K1FR09   R      010KODTEK1EA0E  I    IF                                + 06900     18000            A JS
        SUSAP U68 K1FR09   R      020YODUSK1EA1E  F 051TF                    09460060    + 06000                RW09  K1PGA JS
        SUSAP U68 K1FR09   R      020YODUSK1EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP U68 K1FR09   R      021HIMIGK1EA0E S  031TF                    09470029    V 0506005062      -300        A JS
        SUSAP U68 K1FR09   R      030RW09 K1PG0GY M 031TF                    09470029      04138           -300        A JS
        SUSAP U68 K1FR09   R      040         0  M     CA                    0947        + 04600                      A JS
        SUSAP U68 K1FR09   R      050SEZJIK1EA0EY  R   DF                              + 08500                      A JS
        SUSAP U68 K1FR09   R      060SEZJIK1EA0EE  R   HM                    00030070    + 08500                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP U68 K1GRW09    0052000948 N44545048W108271243+0200    +12319040830000550 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP U68 K1PR09   RW09 001 0000W09A0N4454504815W10827124320+123190300N4454262675W10825117770106751168000550F400500910B43A1
        SUSAP U68 K1PR09   RW09 002E      +12446+12446LPV       86333

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
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CITY AND STATE	ELEVATION: 4094 THRE: 4083	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: **NORTH BIG HORN COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, ORIG** 12 DECEMBER 2013	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 U68 K1SRW09 K1PG          0   18018011325                                    M
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CITY AND STATE	ELEVATION: 4094 THRE: 4083	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: NORTH BIG HORN COUNTY	RNAV	RNAV (GPS) RWY 9, ORIG 12 DECEMBER 2013	AMDT: NONE DATED:

FAA FORM 8260 - 10 / April 2006 (Computer Generated)

Page 5 of 6 Pages

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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 SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	SEZJI	SEZJI	010	IAF	IF		FB					
	SEZJI	KODTE	020		TF		FB	1.0	028.7(039.7T)	012.8	AA 06900	
	SOLME	SOLME	010	IAF	IF		FB					
	SOLME	KODTE	020		TF		FB	1.0	163.0(174.0T)	020.3	AA 06900	
		KODTE	010	FACF	IF		FB				AA 06900	
		YODUS	020	FAF	TF		FB	0.5	094.6(105.6T)	006.0	AA 06000	
		HIMIG	021	SDF	TF		FB	0.3	094.7(105.7T)	002.9	AA 05060 GS 05062	
		RW09	030	MAP	TF		FO	0.3	094.7(105.7T)	002.9	AT 04138	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		094.7(105.7T)		AA 04600	
	SEZJI	050		DF	R	FO				AA 08500	
	SEZJI	060		HM	R	FO		000.3(011.3T)	007.0	AA 08500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HIMIG	N445537.67	W1083108.14	N4455.628	W10831.136
	KODTE	N445802.45	W1084316.24	N4458.041	W10843.271
	SEZJI	N444811.80	W1085448.64	N4448.197	W10854.811
	SOLME	N451813.06	W1084615.73	N4518.218	W10846.262
	YODUS	N445625.44	W1083507.58	N4456.424	W10835.126
	RW09	N445450.48	W1082712.43	N4454.841	W10827.207

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	04083	55

CITY AND STATE	ELEVATION: **4094** THRE: **4083**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COWLEY/LOVELL/BYRON, WY	AIRPORT NAME: **NORTH BIG HORN COUNTY**	**RNAV**	**RNAV (GPS) RWY 9, ORIG** 12 DECEMBER 2013	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
COWLEY/LOVELL/BYRON, WY	NORTH BIG HORN COUNTY	12 DECEMBER 2013	AMDT 2

TAKEOFF MINIMUMS:

RWY 9, STANDARD.
RWY 27, STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 9, ALL AIRCRAFT – AIRCRAFT DEPARTING ON HCY NDB BEARINGS 130 CW 225, CLIMB HEADING 094.76 TO 4800 THEN CLIMB ON COURSE. ALL OTHERS, CLIMB TO 4800 THEN CLIMBING RIGHT TURN DIRECT HCY NDB, CLIMB IN HCY NDB HOLDING PATTERN (HOLD W, RT, 078 INBOUND) TO CROSS HCY NDB AT OR ABOVE 9500 BEFORE PROCEEDING ON COURSE.

RWY 27, ALL AIRCRAFT – AIRCRAFT DEPARTING ON HCY NDB BEARINGS 130 CW 225, CLIMB HEADING 274.78 TO 4800 THEN CLIMB ON COURSE. ALL OTHERS, CLIMB TO 4800 THEN CLIMBING LEFT TURN DIRECT HCY NDB, CLIMB IN HCY NDB HOLDING PATTERN (HOLD W, RT, 078 INBOUND) TO CROSS HCY NDB AT OR ABOVE 9500 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 9: VEHICLES ON ROAD BEGINNING 18 FT FROM DER, 451 LEFT OF CENTERLINE, UP TO 15 FT AGL/4114 FT MSL. VERTICAL STRUCTURE 13 FT FROM DER, 420 FT RIGHT OF CENTERLINE, UP TO 4 FT AGL/4096 FT MSL. LT SUPPORT STRUCTURE 8 FT FROM DER, 17 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/4095 FT MSL.

NOTE: RWY 27: NAVAIDS BEGINNING 40 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 6 FT AGL/4085 FT MSL. GROUND BEGINNING 137 FT FROM DER, 512 FT LEFT OF CENTERLINE, UP TO 4087 FT MSL. VERTICAL STRUCTURE BEGINNING 181 FT FROM DER, 466 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/4090 FT MSL. VERTICAL STRUCTURE BEGINNING 298 FT FROM DER, 323 FT LEFT OF CENTERLINE, UP TO 9 FT AGL/ 3091 FT MSL. VERTICAL STRUCTURE BEGINNING 300 FT FROM CENTERLINE, 311 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/4092 FT MSL. VEHICLES ON ROAD BEGINNING 551 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/4108 FT MSL. POLE BEGINNING 1558 FT FROM DER, 793 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/ 4128 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:

RWY 9, 27 – 10227 FT MSL AAO 444721.00N-1074957.00W. 6670 FT MSL AAO 450427.00N-1082536.00W

QUALITY CHECKED

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
COWLEY/LOVELL/BYRON, WY	NORTH BIG HORN COUNTY	12 DECEMBER 2013	AMDT 2

REMARKS:

FLIGHT INSPECTED BY:

JAMES A. MEEK Digitally signed by Lonnie Everhart FIOG 6/15/2013

REQUIRED EFFECTIVE DATE:

ROUTINE

DEVELOPED BY:

PETE GETZ (JARED WINGO) Digitally signed by Lonnie Everhart AJV-354 04/03/2013

APPROVED BY: Digitally signed by Lonnie Everhart

DEBORAH COPELAND AJV-354 10/16/2013

COORDINATED WITH:

ALPA, AOPA, NBAA, ZLC ARTCC, AMGR

CHANGES:

1) UPDATED FACILITY MAGVAR
2) UPDATED TAKEOFF OBSTACLE NOTES
3) ADDED RIGHT TURNOUT FOR RWY 9 AND LEFT TURN OUT FOR RWY 27 FOR AIRCRAFT ENTERING THE CLIMB IN HOLD
4) ADDED "BEFORE PROCEEDING ON COURSE" TO BOTH DEPARTURE INSTRUCTIONS
5) ADDED CLIMB TO ALTITUDE (4800 FT) TO RWY 9 AND 27 DEPARTURES
6) RAISED HOLDING ALTITUDE FROM 9000 FT TO 9500 FT.

REASONS:

1) PER FPT REQUEST.
2) NEW SURVEYS.
3) FPT REQUEST.
4) IAW 8260.46D APPENDIX D.
5) NEW CLIMB IN HOLD EVALUATION.
6) NEW OBSTACLE EVALUATION.

QUALITY CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. **30928**; Amdt. No. **3563**]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination –

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

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

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

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

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

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

FOR FURTHER INFORMATION CONTACT: Richard A. Dunham III, 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 OCTOBER 25, 2013.

John Duncan
Director, Flight Standards Service

ADOPTION OF THE AMENDMENT

Accordingly, pursuant to the authority delegated to me, Title 14, Code of Federal regulations, Part 97, 14 CFR part 97, is amended by amending Standard Instrument Approach Procedures, 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, MLS, MLS/DME, MLS/RNAV; §97.31 RADAR SIAPs; §97.33 RNAV SIAPs; and §97.35 COPTER SIAPs, Identified as follows:

.....EFFECTIVE UPON PUBLICATION

AIRAC DATE	STATE	CITY	AIRPORT	FDC NUMBER	FDC DATE	SUBJECT
12/12/13	AK	Venetie	Venetie	3/5254	10/15/13	Takeoff Minimums and (Obstacle) DP, Orig
12/12/13	AK	Minchumina	Minchumina	3/5335	10/15/13	NDB RWY 3, Amdt 3A
12/12/13	AK	Minchumina	Minchumina	3/5336	10/15/13	RNAV (GPS) RWY 3, Orig
12/12/13	AK	Minchumina	Minchumina	3/5340	10/15/13	RNAV (GPS) RWY 21, Orig
12/12/13	WA	Everett	Snohomish County (Paine Fld)	3/5409	10/15/13	Takeoff Minimums and (Obstacle) DP, Amdt 2
12/12/13	AK	Northway	Northway	3/6133	10/15/13	RNAV (GPS) RWY 23, Amdt 1
12/12/13	AK	Gustavus	Gustavus	3/6328	10/15/13	RNAV (GPS) RWY 29, Amdt 2
12/12/13	IL	Effingham	Effingham County Memorial	3/7065	10/15/13	RNAV (GPS) RWY 29, Orig
12/12/13	MT	Scobey	Scobey	3/7755	10/15/13	RNAV (GPS) RWY 12, Orig
12/12/13	FL	Tampa	Tampa Intl	3/9215	10/15/13	RNAV (GPS) RWY 10, Amdt 1A
12/12/13	AZ	Fort Huachuca Sierra Vista	Sierra Vista Muni-Libby AAF	3/9530	10/15/13	RNAV (GPS) RWY 8, Amdt 1
12/12/13	CA	Chico	Chico Muni	3/9848	10/15/13	Takeoff Minimums and (Obstacle) DP, Amdt 6

AIRAC Date: 12 DECEMBER 2013

FDC **3/5254** VEE FI/P ODP(DOD) VENETIE, VENETIE, AK. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... DEPARTURE PROCEDURE: RWY 4, CLIMBING RIGHT TURN TO INTERCEPT FYU VORTAC R-299 TO FYU VORTAC. RWY 22, CLIMBING LEFT TURN TO INTERCEPT FYU VORTAC R-292 TO FYU VORTAC. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC **3/5335** MHM IAP MINCHUMINA, MINCHUMINA, AK. NDB RWY 3 AMDT 3A... S-3 MDA 1600/HATH 927 ALL CATS. CHANGE TDZE 678 TO READ THRE 673. CIRCLING MDA 1600/HAA 918 ALL CATS. CHANGE APT ELEV TO 682. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS NDB RWY 3 AMDT 3B. 1310101430-PERM

FDC **3/5336** MHM IAP MINCHUMINA, MINCHUMINA, AK. RNAV (GPS) RWY 3 ORIG... LNAV MDA 1360/HATH 687 ALL CATS, VISIBILITY CAT D 2. CIRCLING MDA 1360/HAA 678 ALL CATS. CHANGE TDZE 678 TO READ THRE 673. CHANGE APT ELEV 678 TO 682. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 3 ORIG-A. 1310101430-PERM

FDC **3/5340** MHM IAP MINCHUMINA, MINCHUMINA, AK. RNAV (GPS) RWY 21 ORIG... LNAV MDA 1460/HATH 780 ALL CATS, VISIBILITY CAT C 2 1/2. CIRCLING MDA 1460/HAA 778 ALL CATS, VISIBILITY CAT C 2 1/2. CHANGE TDZE 678 TO READ THRE 680. CHANGE APT ELEV 678 TO 682. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. THIS IS RNAV (GPS) RWY 21 ORIG-A. 1310101430-PERM

FDC **3/5409** PAE FI/P ODP SNOHOMISH COUNTY (PAINE FLD), EVERETT, WA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2... CHANGE ALL REFERENCE OF RWY NUMBERS FROM 11/29 TO 12/30. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A.

FDC **3/6133** ORT FI/P IAP NORTHWAY, NORTHWAY, AK. RNAV (GPS) RWY 23, AMDT 1... DELETE NOTE: CIRCLING TO RWY 5 NA AT NIGHT. THIS IS RNAV (GPS) RWY 23, AMDT 1A.

FDC **3/6328** GST FI/P IAP GUSTAVUS, GUSTAVUS, AK. RNAV (GPS) RWY 29, AMDT 2... DELETE ALL CAT C AND D MINIMUMS. THIS IS RNAV (GPS) RWY 29, AMDT 2A.

FDC **3/7065** 1H2 FI/P IAP EFFINGHAM COUNTY MEMORIAL, EFFINGHAM, IL. RNAV (GPS) RWY 29, ORIG... DELETE PLANVIEW NOTE: NOPT FOR ARRIVAL AT LOYEB ON V12 SOUTHWEST BOUND. CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT JOVAR ON V12 SOUTHWEST BOUND. THIS IS RNAV (GPS) RWY 29, ORIG-A.

FDC **3/7755** 9S2 FI/P IAP SCOBEY, SCOBEY, MT. RNAV (GPS) RWY 12, ORIG... CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. 34:1 IS NOT CLEAR. THIS IS RNAV (GPS) RWY 12, ORIG-A.

FDC **3/9215** TPA FI/P IAP TAMPA INTL, TAMPA, FL. RNAV (GPS) RWY 10, AMDT 1A... DELETE NOTE: RWY 10 STRAIGHT-IN AND CIRCLING MINIMUMS NA AT NIGHT. THIS IS RNAV (GPS) RWY 10, AMDT 1B.

FDC **3/9530** FHU FI/P IAP SIERRA VISTA MUNI-LIBBY AAF, FORT HUACHUCA SIERRA VISTA, AZ. RNAV (GPS) RWY 8, AMDT 1... CHANGE PLANVIEW NOTE TO READ: PROCEDURE NA FOR ARRIVAL ON TUS VORTAC AIRWAY RADIALS 081 CW 176. THIS IS RNAV (GPS) RWY 8, AMDT 1A.

FDC **3/9848** CIC FI/P ODP CHICO MUNI, CHICO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 6... TAKEOFF OBSTACLES NOTES: RWY 13L: TERRAIN 298 FT FROM DER, 534 FT LEFT OF CENTERLINE, 216 FT MSL. POLE 957 FT FROM DER, 735 FT LEFT OF CENTERLINE, 35 FT AGL/232 FT MSL. TREES BEGINNING 948 FT FROM DER, 559 FT LEFT OF CENTERLINE, UP TO 51 FT AGL/241 FT MSL. RWY 13R: PLANE ON TARMAC 582 FT FROM DER, 647 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/255 FT MSL. RWY 31L: PLANE ON TARMAC 570 FT FROM DER, 647 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/279 FT MSL. TOWER 611 FT FROM DER, 349 FT RIGHT OF CENTERLINE, 35 FT AGL/267 FT MSL. RWY 31R: TREES BEGINNING 1124 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 60 FT AGL/282 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 6A.