U.S. Department of Transportation
800
Independence Ave., S.W.
Washington, D.C. 20591

Federal Aviation Administration

Transmittal Letter 10-15 **June 11, 2010**

PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJR-321
(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 10-13 and TL 10-14:

Perryville, MO, Perryville Muni, RNAV (GPS) RWY 2, Orig
Perryville, MO, Perryville Muni, RNAV (GPS) RWY 20, Orig
Perryville, MO, Perryville Muni, VOR/DME-A, Amdt 5
Grafton, ND, Hutson Field, RNAV (GPS) RWY 17, Orig
Wenatchee, WA, Pangborn Memorial, RNAV (RNP) RWY 12, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DUEAS	BORYE (FB)	322.15 / 15.50	3000
FAM VORTAC	LEBOH (FB)	080.19 / 9.48	3000
BORYE (IAF)	ACDIV (NOPT) (FB)	287.27 / 5.00	3000
LEBOH (IAF)	ACDIV (NOPT) (FB)	107.15 / 5.00	3000
ACDIV (IF/IAF)	DEGVY (FB)	017.21 / 6.10	2200

This is a corrected copy published in TL 10-14.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

CLIMB TO 3000 DIRECT ENGYN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 197.30 INBOUND.
CHART FAS OBST: 714 TREE 374954N/0895236W
DISTANCE TO THLD FROM 743 HAT: 2.20 NM.
WAAS CHANNEL # 93618
REFERENCE PATH ID: W02A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ACDIV, RT, 017.21 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 017.24 FAF: DEGVY DIST FAF TO MAP: 5.53 THLD: 5.53
4. MIN. ALT: ACDIV 3000, DEGVY 2200, JAVOV/2.60 NM TO RW02 1240*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: DEGVY 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW02 2600

MAG VAR: 0E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1114	2 3/4	743	1114	2 3/4	743	1114	2 3/4	743	1114	2 3/4	743			
LNAV/VNAV DA	1187	3	816	1187	3	816	1187	3	816	1187	3	816			
LNAV MDA	980	1	609	980	1	609	980	1 3/4	609	980	2 1/4	609			
CIRCLING	980	1	608	980	1	608	1000	1 3/4	628	1100	2 1/4	728			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
SEE 8260-10

QUALITY CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 371	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 29 JUL 2010	AMDT: NONE
				DATED

NOTES CONT.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET AND INCREASE LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 1 MILE, LNAV CAT C AND D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT D VISIBILITY 1/2 MILE.
CHART NOTE: BARO-VNAV NA WHEN USING CAPE GIRARDEAU ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT DUEAS ON V125 SOUTHBOUND AND FOR ARRIVAL AT FAM VORTAC ON AIRWAY RADIALS 047 CW 129.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 20 NA AT NIGHT.

QUALITY 4 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K02
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	375139.0560N
LTP/FTP LONGITUDE	0895154.7335W
LTP/FTP ELLIPSOIDAL HEIGHT	+00829
FPAP LATITUDE	375304.2400N
FPAP LONGITUDE	0895121.3400W
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	0776
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	73994FE4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01123
FPAP ORTHOMETRIC HEIGHT	+01123

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 371	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        FAM   K3011570VTHA N37402439W090140253    N37402439W090140253E0010012202     NARFARMINGTON                  G

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACDIV K30    W     N37403208W089561542                        W0010    NAR          ACDIV                     G
        SUSAEAENRT   BORYE K30    W     N37390306W089501458                        W0011    NAR          BORYE                     G
        SUSAEAENRT   DEGVY K30    W     N37462210W089535879                        W0010    NAR          DEGVY                     G
        SUSAEAENRT   DUEAS K30    R   L N37264830W089381591                        W0012    NAR          DUEAS                     G
        SUSAEAENRT   ENGYN K50    W     N38034156W089471084                        W0011    NAR          ENGYN                     G
        SUSAEAENRT   JAVOV K30    W     N37490991W089525315                        W0010    NAR          JAVOV                     G
        SUSAEAENRT   LEBOH K30    W     N37420079W090021650                        W0009    NAR          LEBOH                     G

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3AK02     0     070YHN37520720W089514370E000000372          1800018000C    MNAR    PERRYVILLE MUNI               G

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3FR02   AACDIV 010ACDIVK3EA0EE AR   HF                       01720040    + 03000     18000                A JS   G
        SUSAP K02 K3FR02   ADUEAS 010DUEASK3EA0E       IF                                           18000                A JS   G
        SUSAP K02 K3FR02   ADUEAS 020BORYEK3EA0E   A 020TF                      32220155    + 03000                          A JS   G
        SUSAP K02 K3FR02   ADUEAS 030ACDIVK3EA0EE B 010TF                       28730050    + 03000                          A JS   G
        SUSAP K02 K3FR02   AFAM   010FAM  K3D 0V      IF                                           18000                A JS   G
        SUSAP K02 K3FR02   AFAM   020LEBOHK3EA0E   A 020TF                      08020095    + 03000                          A JS   G
        SUSAP K02 K3FR02   AFAM   030ACDIVK3EA0EE B 010TF                       10720050    + 03000                          A JS   G
        SUSAP K02 K3FR02   R      010ACDIVK3EA0E  I    IF                                      + 03000     18000                A JS   G
        SUSAP K02 K3FR02   R      020DEGVYK3EA1E  F 051TF                      01720061    + 02200                 RW02  K3PGA JS   G
        SUSAP K02 K3FR02   R      020DEGVYK3EA2WALPV      ALNAV/VNAV ALNAV                                                      JS   G
        SUSAP K02 K3FR02   R      021JAVOVK3EA0E S  031TF                      01720029    V 0124001248        -300          A JS   G
        SUSAP K02 K3FR02   R      030RW02 K3PG0GY M 031TF                      01720026      00414             -300          A JS   G
        SUSAP K02 K3FR02   R      040         0  M  010CA                      0172        + 00772                          A JS   G
        SUSAP K02 K3FR02   R      050ENGYNK5EA0EY   010DF                                   + 03000                          A JS   G
        SUSAP K02 K3FR02   R      060ENGYNK5EA0EE  R020HM                      19730040    + 03000                          A JS   G
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 371	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 29 JUL 2010	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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3GRW02    0070030173 N37513906W089515473+0000    +00829003690520451O0R                                          G

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3PR02   RW02 001 0000W02A0N3751390560W08951547335+008290300N3753042400W089512134001067507760004 50F40050073994FE4G
        SUSAP K02 K3PR02   RW02 002E      +01123+01123LPV       93618                                                          G

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3SRW02 K3PG               0   18018002625                                                                M   G
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 371	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	RNAV	RNAV (GPS) RWY 2, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUMAN	OFILO (FB)	224.71 / 12.96	3000
BURCK	FETPA (FB)	149.75 / 14.42	3000
OFILO (IAF)	ENGYN (NOPT) (FB)	287.36 / 5.00	3000
FETPA (IAF)	ENGYN (NOPT) (FB)	107.24 / 5.00	3000
ENGYN (IF/IAF)	AGCOV (FB)	197.30 / 6.01	2200

This is a corrected copy of a procedure published in TL 10-14.

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 3000 DIRECT ACDIV AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 017.21 INBOUND.
CHART FAS OBST: 384 RD(N) 375242N/0895124W
CHART FAS OBST: 792 ANT 375415N/0894943W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
WAAS CHANNEL # 53418
REFERENCE PATH ID: W20A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD N ENGYN, RT, 197.30 INBOUND, 3000 FT. IN LIEU OF PT (IAF)**
3. FAC: **197.28** FAF: **AGCOV** DIST FAF TO MAP: **5.52** THLD: **5.52**
4. MIN. ALT: **ENGYN 3000, AGCOV 2200, HUCRI/2.60 NM TO RW20 1240'**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **2200** GS ALT AT: **AGCOV 2200** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **45.0** **34:1 IS NOT CLEAR**
8. MSA FROM: **RW20 2600**

MAG VAR: **0E** EPOCH YEAR: **2000**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	622	1	250	622	1	250	622	1	250	622	1	250			
LNAV/VNAV DA	697	1 1/4	325	697	1 1/4	325	697	1 1/4	325	697	1 1/4	325			
LNAV MDA	980	1	608	980	1	608	980	1 3/4	608	980	2	608			
CIRCLING	980	1	608	980	1	608	1000	1 3/4	628	1100	2 1/4	728			

NOTES:
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 20 PROCEDURE NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	**ELEVATION: 372 TDZE: 372** AIRPORT NAME: **PERRYVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 29 JUL 2010	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.
***LNAV ONLY**
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT D VISIBILITY 1/2 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SUMAN ON V72 NORTHEAST BOUND AND AT BURCK ON V125 NORTHWEST BOUND.
CHART NOTE: BARO-VNAV NA WITH CAPE GIRARDEAU ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	**ELEVATION: 372 TDZE: 372** AIRPORT NAME: **PERRYVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 29 JUL 2010	AMDT: **NONE** DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	K02
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	375240.2545N
LTP/FTP LONGITUDE	0895130.7445W
LTP/FTP ELLIPSOIDAL HEIGHT	+00834
FPAP LATITUDE	375115.0600N
FPAP LONGITUDE	0895204.1200W
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	0616
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E72A90CC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+01128
FPAP ORTHOMETRIC HEIGHT	+01128

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACDIV K30    W     N37403208W089561542                      W0010    NAR          ACDIV                  G
        SUSAEAENRT   AGCOV K50    W     N37575688W089492647                      W0011    NAR          AGCOV                  G
        SUSAEAENRT   BURCK K50    R   L N38173919W090022556                      W0010    NAR          BURCK                  G
        SUSAEAENRT   ENGYN K50    W     N38034156W089471084                      W0011    NAR          ENGYN                  G
        SUSAEAENRT   FETPA K50    W     N38051072W089531364                      W0011    NAR          FETPA                  G
        SUSAEAENRT   HUCRI K50    W     N37550939W089503225                      W0011    NAR          HUCRI                  G
        SUSAEAENRT   OFILO K50    W     N38021209W089410829                      W0012    NAR          OFILO                  G
        SUSAEAENRT   SUMAN K50    R   L N38112598W089293583                      W0014    NAR          SUMAN                  G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3AK02     0     070YHN37520720W089514370E000000372          1800018000C    MNAR     PERRYVILLE MUNI              G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP K02 K3FR20   ABURCK 010BURCKK5EA0E       IF                                                18000              A JS   G
        SUSAP K02 K3FR20   ABURCK 020FETPAK5EA0E  A 020TF                    14980144    + 03000                          A JS   G
        SUSAP K02 K3FR20   ABURCK 030ENGYNK5EA0EE B 010TF                    10720050    + 03000                          A JS   G
        SUSAP K02 K3FR20   AENGYN 010ENGYNK5EA0EE AR   HF                   19730040    + 03000     18000                A JS   G
        SUSAP K02 K3FR20   ASUMAN 010SUMANK5EA0E       IF                                        18000                A JS   G
        SUSAP K02 K3FR20   ASUMAN 020OFILOK5EA0E  A 020TF                    22470130    + 03000                          A JS   G
        SUSAP K02 K3FR20   ASUMAN 030ENGYNK5EA0EE B 010TF                    28740050    + 03000                          A JS   G
        SUSAP K02 K3FR20   R       010ENGYNK5EA0E  I    IF                              + 03000     18000                A JS   G
        SUSAP K02 K3FR20   R       020AGCOVK5EA1E  F 051TF                  19730060    + 02200                RW20  K3PGA JS   G
        SUSAP K02 K3FR20   R       020AGCOVK5EA2WALPV      ALNAV/VNAV ALNAV                                              JS   G
        SUSAP K02 K3FR20   R       021HUCRIK5EA0E S  031TF                  19730029    V 0124001250       -300       A JS   G
        SUSAP K02 K3FR20   R       030RW20 K3PG0GY M 031TF                  19730026      00415            -300       A JS   G
        SUSAP K02 K3FR20   R       040         0  M  010CA                  1973        + 00622                       A JS   G
        SUSAP K02 K3FR20   R       050ACDIVK3EA0EY   010DF                             + 03000                       A JS   G
        SUSAP K02 K3FR20   R       060ACDIVK3EA0EE  R020HM                  01720040    + 03000                       A JS   G
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 372	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: **PERRYVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 20, ORIG** 29 JUL 2010	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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP K02 K3GRW20     0070031973 N37524025W089513074+0000     +008340037000004510OR                                 G

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP K02 K3PR20    RW20 001 0000W20A0N3752402545W08951307445+008340300N3751150600W089520412001067506160004450F400500E72A90CCG
          SUSAP K02 K3PR20    RW20 002E      +01128+01128LPV       53418                                                      G

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP K02 K3SRW20 K3PG               0   18018002625                                                              M   G
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 372 TDZE: 372	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	RNAV	RNAV (GPS) RWY 20, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MOGYU/FAM 7.00 DME CCW (IAF)	ORJIG/FAM 7.00 DME	7.00 DME ARC	3000
MOJOB/FAM 7.00 DME CW (IAF)	ORJIG/FAM 7.00 DME	7.00 DME ARC	3000
FAM VORTAC (IAF)	ORJIG/FAM 7.00 DME	055.62 / 7.00	3000
ORJIG/FAM 7.00 DME (IF)	OZORA/FAM 15.00 DME	055.62 / 8.00 (FAM R-056)	2400

This is a corrected copy published in TL 10-14.

MISSED APPROACH

MAP: MACEP/FAM 20.77 DME

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 2400 VIA FAM VORTAC R-056 TO OZORA/15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 056.00 INBOUND.
CHART FAS OBST: 719 WTR TNK 374952N/0895117W
CHART: 777 TANK 374922N-0895126W
CHART FAM R-350 AT MOJOB.
CHART FAM R-166 AT MOGYU.
FAC CROSSES MID POINT OF RWY 2-20.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FAM VORTAC.
3. FAC 055.62 FAF OZORA/FAM 15.00 DME DIST FAF TO MAP 5.77 THLD ____
4. MIN. ALT FAM VORTAC 3000, ORJIG 3000, OZORA 2400, MASZU/FAM 18.50 DME 1140*
8. MSA FROM: FAM VORTAC 3300

MAG VAR: 1E EPOCH YEAR:1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1040	1	668	1040	1 1/4	668	1040	1 3/4	668	1100	2 1/4	728			

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 20 NA AT NIGHT.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE CAPE GIRARDEAU ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET AND INCREASE CIRCLING CAT C AND D VISIBILITY 1/2 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT FAM VORTAC ON AIRWAY RADIALS 012 CW 114.
*1240 WHEN USING CAPE GIRARDEAU ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 372 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
PERRYVILLE, MO	AIRPORT NAME: PERRYVILLE MUNI	FAM	VOR/DME-A, AMDT 5 29 JUL 2010	AMDT 4 DATE 10/30/2003

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IKAFY (IAF)	OHUTO (NOPT) (FB)	083.93 / 5.00	4000
VOYYU (IAF)	OHUTO (NOPT) (FB)	264.11 / 5.00	4000
OHUTO (IF/IAF)	DOPEQ (FB)	174.02 / 6.10	2300

This is a corrected copy of a procedure published in TL 10-13.
** CHANGED: IAF Fix Name FROM PINEL TO VOYYU. **

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4000 DIRECT KUNKY AND ON TRACK 213.35 TO CEVYA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 083.93 INBOUND.
CHART FAS OBST: 929 TREE 482528N/0972207W
CHART FAS OBST: 934 TREE 482631N/0972210W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
WAAS CHANNEL # 53518
REFERENCE PATH ID: W17A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N OHUTO, RT, 174.02 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 174.02 FAF: DOPEQ DIST FAF TO MAP: 4.46 THLD: 4.46
4. MIN. ALT: OHUTO 4000, DOPEQ 2300, JARNS/1.60 NM TO RW17 1360°
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: DOPEQ 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1072	1	250	1072	1	250	1072	1	250		NA				
LNAV/VNAV DA	1228	1 1/2	406	1228	1 1/2	406	1228	1 1/2	406		NA				
LNAV MDA	1200	1	378	1200	1	378	1200	1	378		NA				
CIRCLING	1340	1	516	1340	1	516	1340	1 1/2	516		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

QUALITY CHECKED

CITY AND STATE	ELEVATION: 824 TDZE: 822	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GRAFTON, ND	AIRPORT NAME: HUTSON FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GRAND FORKS INTL ALTIMETER SETTING AND INCREASE ALL DA 69 FEET AND ALL MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV NA WHEN USING GRAND FORKS INTL ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	084/30 CW 264/30 (NOPT)	OHUTO (IF/IAF) (FB)	4000
2.	264/30 CW 354/30	VOYYU (IAF) (FB)	4000
3.	354/30 CW 084/30	IKAFY (IAF) (FB)	4000

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRAFTON, ND	ELEVATION: 824 TDZE: 822 AIRPORT NAME: HUTSON FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	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	KGAF
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	482438.8045N
LTP/FTP LONGITUDE	0972157.1770W
LTP/FTP ELLIPSOIDAL HEIGHT	+02239
FPAP LATITUDE	482309.7600N
FPAP LONGITUDE	0972157.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	50D2084C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02505
FPAP ORTHOMETRIC HEIGHT	+02505

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRAFTON, ND	ELEVATION: 824 TDZE: 822 AIRPORT NAME: HUTSON FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   CEVYA K30    W     N48130845W097292615                E0041    NAR          CEVYA                    G
          SUSAEAENRT   DOPEQ K30    W     N48290627W097215704                E0040    NAR          DOPEQ                    G
          SUSAEAENRT   IKAFY K30    W     N48351180W097292871                E0041    NAR          IKAFY                    G
          SUSAEAENRT   JARNS K30    W     N48261473W097215713                E0040    NAR          JARNS                    G
          SUSAEAENRT   KUNKY K30    W     N48191442W097215735                E0040    NAR          KUNKY                    G
          SUSAEAENRT   OHUTO K30    W     N48351194W097215685                E0040    NAR          OHUTO                    G
          SUSAEAENRT   VOYYU K30    W     N48351159W097142499                E0038    NAR          VOYYU                    G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGAFK3AGAF     0     040YSN48241700W097221540E006000824         1800018000C    MNAR    HUTSON FIELD             G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGAFK3FR17   AIKAFY 010IKAFYK3EA0E  A    IF                                                18000              A JS   G
          SUSAP KGAFK3FR17   AIKAFY 020OHUTOK3EA0EE B 010TF                    08390050    + 04000                          A JS   G
          SUSAP KGAFK3FR17   AOHUTO 010OHUTOK3EA0EE AR   HF                  17400040    + 04000     18000                A JS   G
          SUSAP KGAFK3FR17   AVOYYU 010VOYYUK3EA0E  A    IF                                      18000                    A JS   G
          SUSAP KGAFK3FR17   AVOYYU 020OHUTOK3EA0EE B 010TF                    26410050    + 04000                          A JS   G
          SUSAP KGAFK3FR17   R      010OHUTOK3EA0E  I    IF                              + 04000     18000                A JS   G
          SUSAP KGAFK3FR17   R      020DOPEQK3EA1E  F 051TF                  17400061    + 02300                          A JS   G
          SUSAP KGAFK3FR17   R      020DOPEQK3EA2WALPV      ALNAV/VNAV ALNAV                                               JS   G
          SUSAP KGAFK3FR17   R      021JARNSK3EA0E S  031TF                  17400029    V 0136001374        -300         A JS   G
          SUSAP KGAFK3FR17   R      030RW17 K3PG0GY M 031TF                  17400016      00862             -300         A JS   G
          SUSAP KGAFK3FR17   R      040         0  M  010CA                  1740        + 01072                          A JS   G
          SUSAP KGAFK3FR17   R      050KUNKYK3EA0E    010DF                                                            A JS   G
          SUSAP KGAFK3FR17   R      060CEVYAK3EA0EY   010TF                  2134        + 04000                          A JS   G
          SUSAP KGAFK3FR17   R      070CEVYAK3EA0EE  R020HM                  08390040    + 04000                          A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGAFK3GRW17    0038981740 N48243880W097215718+0000     +022390082200004074R                                   G
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 824 TDZE: 822	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRAFTON, ND	AIRPORT NAME: HUTSON FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGAFK3PR17    RW17 001 0000W17A0N4824388045W09721571770+022390300N4823097600W0972157230010675156000040OF40050050D2084CG
        SUSAP KGAFK3PR17    RW17 002E       +02505+02505LPV       53518                                                              G
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 824 TDZE: 822	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRAFTON, ND	AIRPORT NAME: HUTSON FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EPH VORTAC (40V)	JETNU (TF) (FB) (RNP 2.00) (40E) (43A)	279.31/25.60	6000
JETNU (IAF) (40E) (43A)	WULIP (TF) (FB) (RNP 1.00) (40E)	278.92/5.00	5300
QUINT (IAF) (40E) (43A)	VENJU (TF) (FB) (RNP 1.00) (40E)	329.03/20.77	5300
CASHS (IAF) (40E) (43A)	ZUBEX (TF) (FB) (RNP 1.00) (40E)	076.03/9.56	6200
ZUBEX (40E)	VENJU (RF) (FB) (RNP 1.00) (40E)	(8.00 NM RADIUS CCW ALWIJ)/15.00	5300
VENJU (40E)	WULIP (RF) (FB) (RNP 1.00) (40E)	(5.80 NM RADIUS CCW CFIHP)/5.08	5300
WULIP (40E)	FEMAM (RF) (FB) (RNP 0.30) (40E) (41E)	(5.00 NM RADIUS CCW XUVDY)/8.53	4800
CONT'D ON PAGE 2			

MISSED APPROACH

MAP: DA

CLIMB TO 4000 VIA TRACK 116.02 TO JOKRU AND VIA TRACK 111.43 TO QUINT AND HOLD.

THIS IS A CORRECTED COPY PUBLISHED IN TL 10-14. MISSING PAGES

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 293.00 INBOUND.
DISTANCE TO THLD FROM 769 HAT: 2.29 NM.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
@ TCH 1265.8 MSL (DO NOT CHART)
CHART: 1699 TREE 472542N/1201436W.
CHART: 1899 TREE 472552N/1201401W.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FEMAM
3. FAC: * FAF: *SEE TERMINAL ROUTES FROM CIRZI DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: FEMAM 4800
5. DIST TO THLD FROM OM: 6.88 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: CIRZI 3500, YUBBU 2555 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0@ 34:1 IS NOT CLEAR
8. MSA FROM: RW12 10700

MAG VAR: 19E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY ===>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.10 DA$	1995	2 3/4	769	1995	2 3/4	769	1995	2 3/4	769	1995	2 3/4	769			
RNP 0.19 DA**	2071	3	845	2071	3	845	2071	3	845	2071	3	845			
RNP 0.19 DA	2368	4	1142	2368	4	1142	2368	4	1142	2368	4	1142			

NOTES: CHART NOTES: RF AND GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C (2F) OR ABOVE 46C (114F). # 1200-4
$MISSED APPROACH REQUIRES MINIMUM CLIMB OF 305 FEET PER NM TO 3700.
**MISSED APPROACH REQUIRES MINIMUM CLIMB OF 295 FEET PER NM TO 3700.
CONT'D ON PAGE 2

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1249 TDZE: 1226 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WENATCHEE, WA	PANGBORN MEMORIAL	RNAV	29 JUL 2010 RNAV (RNP) RWY 12, ORIG	AMDT: NONE DATE

TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FEMAM (IF) (40E) (43I)	CIRZI (TF) (FB) (RNP 0.30) (40E) (43F)	181.04/5.10	3500
CIRZI (FAF) (40E) (43F)	YUBBU (RF) (FB) (40E)	(2.10 NM RADIUS CCW GZPND)/2.38	
YUBBU (40E)	RW12 (TF) (FO) (40G) (41Y) (43M)	115.96/4.50	
RW12 (MAP) (40G) (41Y) (43M)	JOKRU (TF) (FB) (RNP 1.00) (40E) (42M)	116.02/7.00	
JOKRU (40E) (42M)	QUINT (TF) (FO) (RNP 1.00) (40E) (41Y)	111.43/9.86	4000

NOTES (CONT'D)

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE AT CASHS, QUINT, EPH VORTAC: (RNP 0.30).
CHART PLANVIEW NOTE AT ZUBEX: MAX 240 KIAS.
CHART PLANVIEW NOTE AT VENJU, WULIP: MAX 230 KIAS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1249 TDZE: 1226 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WENATCHEE, WA	PANGBORN MEMORIAL	RNAV	29 JUL 2010 RNAV (RNP) RWY 12, ORIG	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV

STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES TITLE 14 CFR PART 97.33

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ARINC FLIGHT INSPECTION SUMMARY-VERSION 424-18

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPH	472240.51N	1192526.41W	4722.675N	11925.440W
	ALWIJ	473127.92N	1201225.69W	4731.465N	12012.428W
	CASHS	472421.30N	1202730.40W	4724.355N	12027.507W
	CFIHP	473156.36N	1200915.48W	4731.939N	12009.258W
	CIRZI	472934.53N	1201813.38W	4729.576N	12018.223W
	FEMAM	473421.87N	1201538.74W	4734.365N	12015.646W
	GZPND	472851.48N	1201518.79W	4728.858N	12015.313W
	JETNU	473443.76N	1195843.81W	4734.729N	11958.730W
	JOKRU	471914.45N	1200532.45W	4719.241N	12005.541W
	QUINT	471250.29N	1195431.59W	4712.838N	11954.527W
	VENJU	473308.71N	1200053.06W	4733.145N	12000.884W
	WULIP	473703.97N	1200515.62W	4737.066N	12005.260W
	XUVDY	473238.90N	1200842.73W	4732.648N	12008.712W
	YUBBU	472722.40N	1201730.06W	4727.373N	12017.501W
	ZUBEX	472330.14N	1201329.75W	4723.502N	12013.496W
	RW12	472411.61N	1201248.82W	4724.194N	12012.814W

RUNWAY DATA	RWY	THLD ELEV	TCH
	RW12	1221	45

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1249 TDZE: 1226 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WENATCHEE, WA	PANGBORN MEMORIAL	RNAV	29 JUL 2010 RNAV (RNP) RWY 12, ORIG	AMDT: NONE DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30729 ; Amdt. No. 3378]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

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

For Examination-

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

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

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

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

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

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

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

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

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

THE RULE

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on June 11, 2010.

John M. Allen

John M. Allen
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 29 JUL 2010

Atka, AK, Atka, ATKA RNAV ONE Graphic Obstacle DP, CANCELLED
Atka, AK, Atka, EIVRS ONE Graphic Obstacle DP, CANCELLED
Atka, AK, Atka, HIMKI ONE Graphic Obstacle DP
Atka, AK, Atka, INOTY ONE Graphic Obstacle DP
Atka, AK, Atka, Takeoff Minimums and Obstacle DP, Amdt 1
Marshall, AK, Marshall Don Hunter SR, BIBNE TWO Graphic Obstacle DP
Marshall, AK, Marshall Don Hunter SR, Takeoff Minimums and Obstacle DP, Amdt 1
Dothan, AL, Dothan Rgnl, RNAV (GPS) RWY 18, Amdt 1
Dothan, AL, Dothan Rgnl, RNAV (GPS) RWY 36, Orig
Benton, AR, Saline County Rgnl, ILS OR LOC/DME RWY 2, Orig
Benton, AR, Saline County Rgnl, LOC/DME RWY 2, Orig, CANCELLED
Flagstaff, AZ, Flagstaff Pulliam, GPS RWY 3, Orig-B, CANCELLED
Flagstaff, AZ, Flagstaff Pulliam, RNAV (GPS) RWY 3, Orig
Mesa, AZ, Falcon Fld, GPS RWY 4R, Orig, CANCELLED
Mesa, AZ, Falcon Fld, NDB-A, Amdt 1
Mesa, AZ, Falcon Fld, RNAV (GPS) RWY 4L, Orig
Mesa, AZ, Falcon Fld, RNAV (GPS) RWY 4R, Orig
Mesa, AZ, Falcon Fld, RNAV (GPS)-B, Orig
Mesa, AZ, Falcon Fld, Takeoff Minimums and Obstacle DP, Amdt 4
Daggett, CA, Barstow-Daggett, DAGGETT ONE Graphic Obstacle DP
Hanford, CA, Hanford Muni, RNAV (GPS) RWY 32, Amdt 1
Hanford, CA, Hanford Muni, RNAV (GPS)-A, Orig
San Carlos, CA, San Carlos, RNAV (GPS) Y RWY 30, Orig
San Carlos, CA, San Carlos, RNAV (GPS) Z RWY 30, Amdt 1
Upland, CA, Cable, GPS RWY 6, Orig-A, CANCELLED
Upland, CA, Cable, RNAV (GPS) RWY 6, Orig
Upland, CA, Cable, Takeoff Minimums and Obstacle DP, Amdt 3
Orlando, FL, Orlando Intl, ILS OR LOC RWY 18R, Amdt 9
Winter Haven, FL, Winter Haven's Gilbert, RNAV (GPS) RWY 5, Amdt 1
Winter Haven, FL, Winter Haven's Gilbert, Takeoff Minimums and Obstacle DP, Amdt 1
Greensboro, GA, Greene County Rgnl, Takeoff Minimums and Obstacle DP, Amdt 3
Honolulu, HI, Honolulu Intl, LOC RWY 8L, Orig-A
West Union, IA, George L Scott Muni, GPS RWY 17, Orig, CANCELLED
West Union, IA, George L Scott Muni, GPS RWY 35, Orig, CANCELLED
West Union, IA, George L Scott Muni, RNAV (GPS) RWY 17, Orig
West Union, IA, George L Scott Muni, RNAV (GPS) RWY 35, Orig
West Union, IA, George L Scott Muni, Takeoff Minimums and Obstacle DP, Amdt 2
West Union, IA, George L Scott Muni, VOR/DME-A, Amdt 4
Belleville, IL, Scott AFB/Midamerica, GPS RWY 14L, Orig-B, CANCELLED
Belleville, IL, Scott AFB/Midamerica, GPS RWY 32R, Orig-B, CANCELLED
Belleville, IL, Scott AFB/Midamerica, RNAV (GPS) RWY 14L, Orig
Belleville, IL, Scott AFB/Midamerica, RNAV (GPS) RWY 32R, Orig

Casey, IL, Casey Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Chicago/West Chicago, IL, DuPage, ILS OR LOC RWY 2L, Amdt 2
Chicago/West Chicago, IL, DuPage, RNAV (GPS) RWY 10, Orig
Chicago/West Chicago, IL, DuPage, VOR RWY 10, Amdt 12
Coffeyville, KS, Coffeyville Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Coffeyville, KS, Coffeyville Muni, VOR/DME-A, Amdt 7
Wichita, KS, Colonel James Jabara, RNAV (GPS) RWY 18, Orig-C
Wichita, KS, Colonel James Jabara, RNAV (GPS) RWY 36, Orig-B
Churchville, MD, Harford County, GPS RWY 10, Orig, CANCELLED
Churchville, MD, Harford County, RNAV (GPS)-B, Orig
Auburn/Lewiston, ME, Auburn/Lewiston Muni, RNAV (GPS) RWY 4, Amdt 1
Auburn/Lewiston, ME, Auburn/Lewiston Muni, RNAV (GPS) RWY 22, Amdt 1
Lincoln, ME, Lincoln Rgnl, Takeoff Minimums and Obstacle DP, Amdt 3
Waterville, ME, Waterville Robert Lafleur, ILS OR LOC/DME RWY 5, Amdt 3
Waterville, ME, Waterville Robert Lafleur, RNAV (GPS) RWY 5, Orig
Canby, MN, Myers Field, RNAV (GPS) RWY 12, Amdt 1
Canby, MN, Myers Field, RNAV (GPS) RWY 30, Amdt 1
Carson City, NV, Carson, RNAV (GPS)-A, Amdt 1
Glens Falls, NY, Floyd Bennett Memorial, ILS OR LOC RWY 1, Amdt 4
Glens Falls, NY, Floyd Bennett Memorial, RNAV (GPS) RWY 1, Amdt 1
Glens Falls, NY, Floyd Bennett Memorial, RNAV (GPS) RWY 19, Amdt 1
Fostoria, OH, Fostoria Metropolitan, RNAV (GPS) RWY 27, Amdt 1
Shawnee, OK, Shawnee Rgnl, Takeoff Minimums and Obstacle DP, Orig
North Bend, OR, Southwest Oregon Rgnl, ILS OR LOC RWY 4, Amdt 7
North Bend, OR, Southwest Oregon Rgnl, NDB RWY 4, Amdt 5
North Bend, OR, Southwest Oregon Rgnl, RNAV (GPS) Y RWY 4, Orig
North Bend, OR, Southwest Oregon Rgnl, RNAV (RNP) Z RWY 4, Orig
North Bend, OR, Southwest Oregon Rgnl, VOR-A, Amdt 5
North Bend, OR, Southwest Oregon Rgnl, VOR/DME-B, Amdt 4
Summerville, SC, Summerville, NDB RWY 6, Amdt 1
Summerville, SC, Summerville, RNAV (GPS) RWY 6, Orig
Summerville, SC, Summerville, RNAV (GPS) RWY 24, Orig
Summerville, SC, Summerville, Takeoff Minimums and Obstacle DP, Amdt 1
Big Spring, TX, Big Springs Mc Mahon-Wrinkle, RNAV (GPS) RWY 17, Amdt 1
Big Spring, TX, Big Springs Mc Mahon-Wrinkle, RNAV (GPS) RWY 35, Amdt 1
Big Spring, TX, Big Springs Mc Mahon-Wrinkle, Takeoff Minimums and Obstacle DP, Amdt 2
Brenham, TX, Brenham Muni, RNAV (GPS) RWY 16, Amdt 1
Brenham, TX, Brenham Muni, RNAV (GPS) RWY 34, Amdt 1
Brenham, TX, Brenham Muni, VOR/DME RWY 16, Amdt 2
College Station TX, Easterwood Field, ILS OR LOC RWY 34, Amdt 13A
Dallas-Fort Worth, TX, Dallas/Fort Worth Intl, Stadium Visual RWY 31R, Amdt 6, CANCELLED
Georgetown, TX, Georgetown Muni, Takeoff Minimums and Obstacle DP, Orig

Granbury, TX, Granbury Rgnl, GPS RWY 14, Orig-B, CANCELLED
Granbury, TX, Granbury Rgnl, RNAV (GPS) RWY 14, Orig
La Porte, TX, La Porte Muni, Takeoff Minimums and Obstacle DP, Amdt 5
Lago Vista, TX, Lago Vista TX-Rusty Allen, Takeoff Minimums and Obstacle DP, Orig
Seminole, TX, Gaines County, RNAV (GPS) RWY 35, Amdt 1
South Hill, VA, Mecklenburg-Brunswick Rgnl, GPS RWY 19, Orig, CANCELLED
South Hill, VA, Mecklenburg-Brunswick Rgnl, RNAV (GPS) RWY 1, Orig
South Hill, VA, Mecklenburg-Brunswick Rgnl, RNAV (GPS) RWY 19, Orig
South Hill, VA, Mecklenburg-Brunswick Rgnl, Takeoff Minimums and Obstacle DP, Amdt 2
Burlington, VT, Burlington Intl, Takeoff Minimums and Obstacle DP, Amdt 13
Douglas, WY, Converse County, RNAV (GPS) RWY 11, Orig
Douglas, WY, Converse County, RNAV (GPS) RWY 29, Amdt 1

On June 09, 2010 (75 FR 32654) the FAA published an Amendment in Docket No. 30727, Amdt 3376 to Part 97 of the Federal Aviation Regulations under section 97.23 and 97.33. The following entry effective 29 July 2010 is hereby <u>rescinded</u>:

Childress, TX, Childress Muni, Takeoff Minimums and Obstacle DP, Amdt 1

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☒ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

PROCEDURE CANCELED 29 JUL 2010

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

(4) Takeoff Obstacle Notes:

(5) Controlling Obstacles:

(6) Fixes and/or NAVAID'S :

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
ATKA RNAV	ONE	ATKA1.ATKA	NONE		FEB 24 2000

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☒ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description:

PROCEDURE CANCELED 29 JUL 2010

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

(4) Takeoff Obstacle Notes:

(5) Controlling Obstacles:

QUALITY IS CHECKED

(6) Fixes and/or NAVAID'S :

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
EIVRS	ONE	EIVRS1.EIVRS	NONE		FEB 24 2000

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☒ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description: TAKEOFF RWY16: IMMEDIATE CLIMBING LEFT TURN TO 9000 OR AS ASSIGNED, TO INTERCEPT COURSE 092.88 TO GANEF, THEN ON TRACK 358.59 TO HIMKI.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

TAKEOFF MINIMUMS:

RWY 34: NA - ATC.
RWY 16: 500-2
NOTE: GPS REQUIRED. NOTE: RNAV 1.
NOTE: PROCEDURE NOT AUTHORIZED AT NIGHT.
NOTE: RAPIDLY RISING TERRAIN SOUTH AND WEST OF AIRPORT.

(4) Takeoff Obstacle Notes: NOTE: RWY 16 MULTIPLE TREES AND TERRAIN STARTING 1571' FROM DER, 786' RIGHT OF CENTERLINE, UP TO 15' AGL/414' MSL.

(5) Controlling Obstacles: RWY 16: 414 MSL TREE 521159.86N/1741219.53W, 1214 MSL TREE 521038.95N/1741154.82W, 2900 MSL AAO 521552.10N/1740527.40W, 5230 MSL AAO 522253.00N/1740943.00W,1214 MSL TREE 521239.79N/1741409.27W.

QUALITY CHECKED

(6) Fixes and/or NAVAID'S :

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
HIMKI	ONE	HIMKI1.HIMKI	NONE		29 JUL 2010

(13) Airports Served	
Airport Name **ATKA**	City/State **ATKA, AK**
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State

(14) Lost Communications Procedures:

(15) Communications: ANCHORAGE ARTCC, COLD BAY FSS, CTAF

(16) Additional Flight Data: CHART: 414 MSL TERRAIN 521159.86N/1741219.53W, 227 MSL TERRAIN 521149.40N/1741054.41, 238 MSL TERRAIN 521146.44N/1741026.46W, 1214 MSL TERRAIN 521038.95N/1741154.82W.
REFERENCE MAG VAR: 8E EPOCH YR 2005.
DME/DME ASSESSMENT NOT CONDUCTED.

(17) Continuation:

QUALITY CHECKED

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
HIMKI	ONE	HIMKI1.HIMKI	NONE		29 JUL 2010

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☒ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description: TAKEOFF RWY 34:CLIMB TO 6000 OR ASSIGNED ALTITUDE DIRECT ZIKEF, THEN ON TRACK 270.62 TO BILNE, THEN ON TRACK 340.18 TO INOTY BEFORE PROCEEDING ON COURSE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:

TAKEOFF MINIMUMS:

RWY 16, NA - ATC. RWY 34, 600-2 1/2.

NOTE: GPS REQUIRED.

NOTE: RNAV 1.

NOTE: PROCEDURE NA AT NIGHT.

NOTE: RISING TERRAIN WEST TO NORTHWEST OF AIRPORT UP TO 614 MSL WITHIN 2 1/2 MILES.

(4) Takeoff Obstacle Notes: NOTE: RWY 34 MULTIPLE TREES AND VEHICLES STARTING 10' FROM DER, 40' LEFT OF CENTERLINE TO 1231' RIGHT OF CENTERLINE, UP TO 15' AGL/414' MSL.

(5) Controlling Obstacles: RWY 34: 614 MSL TREE 521356.64N/1741558.43W, 2445 MSL AAO 521848.41N/1741708.66W, 2100 MSL AAO 521826.30N/1742501.60W, 5230 MSL AAO 522253.00N/1740943.00W

(6) Fixes and/or NAVAID'S :

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
INOTY	ONE	INOTY1.INOTY	NONE		29 JUL 2010

(13) Airports Served	
Airport Name **ATKA**	City/State **ATKA /AK.**
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State

(14) Lost Communications Procedures:

(15) Communications: ANCHORAGE ARTCC, COLD BAY FSS, CTAF

(16) Additional Flight Data: CHART: 414 MSL TERRAIN 521447.75N/1741311.53, 614 MSL TERRAIN 521359.54N/1741354.05W,614 MSL TERRAIN 521405.64N/1741439.41W .
REFERENCE MAG VAR: 8E EPOCH YR 2005.
DME/DME ASSESSMENT NOT CONDUCTED.

(17) Continuation:

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
INOTY	ONE	INOTY1.INOTY	NONE		29 JUL 2010

DEPARTURE (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG TYPE	(6)TC	(7) DIST (NM)	(8) ALTITUDE	(9) SPEED	(10) REMARKS
RW34 (AER)	521252.66N-1741213.01W	N							
ZIKEF	521417.98N-1741249.81W	Y	FO	DF		1.47			
BILNE	521558.64N-1743107.37W	Y	FO	TF	279.00	11.37			
INOTY	523517.85N-1743745.89W	Y	FB	TF	348.18	19.77			

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
INOTY	ONE	INOTY1.INOTY	NONE		29 JUL 2010

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 16, USE HIMKI DEPARTURE.
RWY 34, USE INOTY DEPARTURE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
ATKA, AK	ATKA	29 JUL 2010	ONE

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☒ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description: RWY 7: CLIMB TO 3000 DIRECT EPUTE, AND ON TRACK 070.04 TO CAGUL, AND ON TRACK 159.98 TO FARLU, AND RIGHT TURN ON TRACK 269.52 TO BIBNE, BEFORE PROCEEDING ON COURSE.
RWY 25: CLIMB TO 3000 DIRECT CATLU, AND ON TRACK 249.91 TO BIBNE, BEFORE PROCEEDING ON COURSE.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:
NOTE: GPS REQUIRED
NOTE: PILOTS OF RNP CAPABLE AIRCRAFT USE RNP 1.0
NOTE: RNAV 1

TAKEOFF MINIMUMS: RWY 7: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 2600. RWY 25: STANDARD.

(4) Takeoff Obstacle Notes:
NOTE: RWY 7, TREES BEGINNING 4217' FROM DER, 530' LEFT OF CENTERLINE, UP TO 60' AGL/209' MSL. TREES BEGINNING 1.0 NM FROM DER, 2078' RIGHT OF CENTERLINE, UP TO 60' AGL/709' MSL.

(5) Controlling Obstacles:
RWY 7: 1749 MSL AAO 615010.00N-1615303.00W, 1949 MSL AAO 614944.00N-1615159.00W

(6) Fixes and/or NAVAID'S :

QUALITY 5 CHECKED

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
BIBNE	TWO	BIBNE2.BIBNE	ONE	30 OCT 2009	29 JUL 2010

(13) Airports Served	
Airport Name **MARSHALL DON HUNTER SR**	City/State **MARSHALL, AK**
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State

(14) Lost Communications Procedures:

(15) Communications: ZAN, AWOS-3

(16) Additional Flight Data:
REFERENCE MAGVAR: PADM 15E EPOCH YR: 05
DME/DME ASSESSMENT: NOT CONDUCTED

(17) Continuation:

QUALITY CHECKED

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
BIBNE	TWO	BIBNE2.BIBNE	ONE	30 OCT 2009	29 JUL 2010

DEPARTURE (Data Record)

(1) FIX/NAVAID	(2) LAT/LONG	(3) C	(4) FO/FB	(5) LEG TYPE	(6)TC	(7) DIST (NM)	(8) ALTITUDE	(9) SPEED	(10) REMARKS
RW07 (AER)	615149.66N/1620207.23W	N							CG 500 FT/NM TO 2600
EPUTE	615202.83N/1615648.35W	Y	FO	DF		2.53			
CAGUL	615229.28N/1614551.86W	Y	FB	TF	085.04	5.20			
FARLU	614004.29N/1614334.19W	Y	FB	TF	174.98	12.50			
BIBNE	614910.45N/1630050.50W	Y	FB	TF	284.52	37.86			RIGHT TURN
RW25 (AER)	615152.42N/1620100.76W	N							
CATLU	615139.10N/1620619.58W	Y	FO	DF		2.53			
BIBNE	614910.45N/1630050.50W	Y	FB	TF	264.91	25.96			

QUALITY CHECKED

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
BIBNE	TWO	BIBNE2.BIBNE	ONE	30 OCT 2003	29 JUL 2010

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE:

USE BIBNE RNAV DEPARTURE

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
MARSHALL, AK	MARSHALL DON HUNTER SR	29 JUL 2010	1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OWURA (IAF)	UMELY (NOPT) (FB)	271.03 / 5.00	2700
IKIQU (IAF)	UMELY (NOPT) (FB)	090.93 / 5.00	2700
UMELY (IF/IAF)	WAPCE (FB)	180.98 / 6.05	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3000 DIRECT QEDLU AND ON TRACK 118.40 TO OALDY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 309.38 INBOUND.
CHART FAS OBST: 519 TREE 312009N/0852650W
DISTANCE TO THLD FROM 358 HAT: 1.00 NM.
WAAS CHANNEL # 49118
REFERENCE PATH ID: W18A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N UMELY, RT, 180.98 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 180.98 FAF: WAPCE DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: UMELY 2700, WAPCE 2000, MEBDY/1.50 NM TO RW18 900*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: WAPCE 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 1W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	751	1 1/4	358	751	1 1/4	358	751	1 1/4	358	751	1 1/4	358			
LNAV/VNAV DA	809	1 1/2	416	809	1 1/2	416	809	1 1/2	416	809	1 1/2	416			
LNAV MDA	800	1	407	800	1	407	800	1 1/4	407	800	1 1/4	407			
CIRCLING	860	1	459	860	1	459	860	1 1/2	459	980	2	579			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING CAIRNS AAF ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 393	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 29 JUL 2010	AMDT: ORIG-B
				DATED 06/05/2008

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.

NOTES CONT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF ALTIMETER SETTING AND INCREASE ALL DA 46 FEET AND ALL MDA 60 FEET AND INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	091/30 CW 271/30 (NOPT)	UMELY (IF/IAF) (FB)	2700
2.	271/30 CW 001/30	OWURA (IAF) (FB)	2700
3.	001/30 CW 091/30	IKIQU (IAF) (FB)	2700

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 393	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 29 JUL 2010	AMDT: ORIG-B
				DATED: 06/05/2008

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	KDHN
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	311930.6080N
LTP/FTP LONGITUDE	0852644.0305W
LTP/FTP ELLIPSOIDAL HEIGHT	+00930
FPAP LATITUDE	311801.3100N
FPAP LONGITUDE	0852643.9900W
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	EAE86EF4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01199
FPAP ORTHOMETRIC HEIGHT	+01199

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 393	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 29 JUL 2010	AMDT: ORIG-B
				DATED: 06/05/2008

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   IKIQU K70    W     N31302581W085323522                              NAR          IKIQU
          SUSAEAENRT   MEBDY K70    W     N31210081W085264407                              NAR          MEBDY
          SUSAEAENRT   OALDY K70    C   L N31062318W085101254                              NAR          OALDY
          SUSAEAENRT   OWURA K70    W     N31302602W085205338                              NAR          OWURA
          SUSAEAENRT   QEDLU K70    W     N31134646W085264389                              NAR          QEDLU
          SUSAEAENRT   UMELY K70    W     N31302605W085264430                              NAR          UMELY
          SUSAEAENRT   WAPCE K70    W     N31242251W085264415                              NAR          WAPCE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDHNK7ADHN      0     084YHN31191568W085265812W001000401         1800018000C    MNAR    DOTHAN RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDHNK7FR18   AIKIQU 010IKIQUK7EA0E  A     IF                                          18000                A JS
          SUSAP KDHNK7FR18   AIKIQU 020UMELYK7EA0EE B 010TF                    09090050     + 02700                        A JS
          SUSAP KDHNK7FR18   AOWURA 010OWURAK7EA0E  A     IF                                          18000                A JS
          SUSAP KDHNK7FR18   AOWURA 020UMELYK7EA0EE B 010TF                    27100050     + 02700                        A JS
          SUSAP KDHNK7FR18   AUMELY 010UMELYK7EA0EE AR    HF                    18100040     + 02700      18000             A JS
          SUSAP KDHNK7FR18   R       010UMELYK7EA0E  I     IF                                + 02700      18000             A JS
          SUSAP KDHNK7FR18   R       020WAPCEK7EA1E  F 051TF                    18100061     + 02000                        A JS
          SUSAP KDHNK7FR18   R       020WAPCEK7EA2WALPV       ALNAV/VNAV ALNAV                                            JS
          SUSAP KDHNK7FR18   R       021MEBDYK7EA0E S  031TF                    18100034     V 0090000913        -300     A JS
          SUSAP KDHNK7FR18   R       030RW18 K7PG0GY M 031TF                    18100015       00433             -300     A JS
          SUSAP KDHNK7FR18   R       040          0  M  010CA                   1810         + 00751                        A JS
          SUSAP KDHNK7FR18   R       050QEDLUK7EA0E     010DF                                                             A JS
          SUSAP KDHNK7FR18   R       060OALDYK7EA0EY    010TF                   1184         + 03000                        A JS
          SUSAP KDHNK7FR18   R       070OALDYK7EA0EE   R020HM                   30940040     + 03000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDHNK7GRW18     0055001810 N31193061W085264403-0300     +00930003930500401 00R
```

QUALITY & CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 393	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 29 JUL 2010	AMDT: ORIG-B DATED: 06/05/2008

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHNK7PR18    RW18 001 0000W18A0N3119306080W08526440305+009300300N3118013100W085264399001067512240004O0F400500EAE86EF4
        SUSAP KDHNK7PR18    RW18 002E      +01199+01199LPV       49118
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 393	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 29 JUL 2010	AMDT: ORIG-B DATED: 06/05/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZABGA (IAF)	VIMLY (NOPT) (FB)	090.93 / 5.00	2500
COSOT (IAF)	VIMLY (NOPT) (FB)	271.03 / 5.00	2500
VIMLY (IF/IAF)	QEDLU (FB)	000.98 / 6.05	2000

MISSED APPROACH

LNAV: RW36

CLIMB TO 3000 DIRECT WAPCE AND ON TRACK 042.15 TO HAVSO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, LT, 202.06 INBOUND.
CHART FAS OBST: 489 TREE 311822N/0852639W
CHART 628 TOWER 311412N/0852613W.
QEDLU TO RW36: 3.04/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S VIMLY, RT, 000.98 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 000.98 FAF: QEDLU DIST FAF TO MAP: 4.90 THLD: 4.90
4. MIN. ALT: VIMLY 2500, QEDLU 2000, INUME/1.70 NM TO RW36 960
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: 1W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	800	1	422	800	1	422	800	1 1/4	422	800	1 1/4	422			
CIRCLING	860	1	459	860	1	459	860	1 1/2	459	980	2	579			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CAIRNS AAF ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND LNAV CAT D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 401 TDZE: 378	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 36, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	271/30 CW 091/30 (NOPT)	271/10 CW 091/10	3100
2.	271/10 CW 091/10	VIMLY (IF/IAF) (FB)	2500
3.	091/30 CW 181/30	ZABGA (IAF) (FB)	2500
4.	181/30 CW 271/30	COSOT (IAF) (FB)	2500

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 401 TDZE: 378	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	AIRPORT NAME: DOTHAN RGNL	RNAV	RNAV (GPS) RWY 36, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   COSOT K70    W     N31074263W085205422                                  NAR          COSOT
        SUSAEAENRT   HAVSO K70    C   L N31313793W085191967                                  NAR          HAVSO
        SUSAEAENRT   INUME K70    W     N31165889W085264397                                  NAR          INUME
        SUSAEAENRT   QEDLU K70    W     N31134646W085264389                                  NAR          QEDLU
        SUSAEAENRT   VIMLY K70    W     N31074266W085264374                                  NAR          VIMLY
        SUSAEAENRT   WAPCE K70    W     N31242251W085264415                                  NAR          WAPCE
        SUSAEAENRT   ZABGA K70    W     N31074242W085323326                                  NAR          ZABGA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHNK7ADHN     0     084YHN31191568W085265812W001000401        1800018000C    MNAR     DOTHAN RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHNK7FR36   ACOSOT 010COSOTK7EA0E  A    IF                                                18000              B JS
        SUSAP KDHNK7FR36   ACOSOT 020VIMLYK7EA0EE B 010TF                    27100050    + 02500                              B JS
        SUSAP KDHNK7FR36   AVIMLY 010VIMLYK7EA0EE AR   HF                    00100040    + 02500     18000                    B JS
        SUSAP KDHNK7FR36   AZABGA 010ZABGAK7EA0E  A    IF                                        18000                    B JS
        SUSAP KDHNK7FR36   AZABGA 020VIMLYK7EA0EE B 010TF                    09090050    + 02500                              B JS
        SUSAP KDHNK7FR36   R      010VIMLYK7EA0E  I    IF                                + 02500     18000                    B JS
        SUSAP KDHNK7FR36   R      020QEDLUK7EA1E  F 051TF                    00100061    + 02000                              B JS
        SUSAP KDHNK7FR36   R      020QEDLUK7EA2WN          N          ALNAV                                                  JS
        SUSAP KDHNK7FR36   R      021INUMEK7EA0E S  031TF                    00100032    V 0096000969          -304           B JS
        SUSAP KDHNK7FR36   R      030RW36 K7PG0GY M 031TF                    00100017      00418               -304           B JS
        SUSAP KDHNK7FR36   R      040         0  M  010CA                    0010        + 00800                              B JS
        SUSAP KDHNK7FR36   R      050WAPCEK7EA0E    010DF                                                                    B JS
        SUSAP KDHNK7FR36   R      060HAVSOK7EA0EY   010TF                    0422        + 03000                              B JS
        SUSAP KDHNK7FR36   R      070HAVSOK7EA0EE  L020HM                    20210040    + 03000                              B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDHNK7GRW36    0055000010 N31184112W085264401+0300    +0088400378000040100R
```

QUALITY CHECKED 4

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOTHAN, AL	**ELEVATION: 401 TDZE: 378** AIRPORT NAME: **DOTHAN RGNL**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 29 JUL 2010	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LIT VORTAC	REMBE INT/I-SUZ 12.27 DME	224.71 / 24.54	2800
REMBE INT/I-SUZ 12.27 DME (IF/IAF)	AXALE/I-SUZ 6.17 DME	018.98 / 6.10 (I-SUZ)	2000

MISSED APPROACH

ILS: DA
LOC: I-SUZ 1.32 DME FIX

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2300 VIA LIT VORTAC R-250 TO BEGAN INT/LIT 21.98 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 070.44 INBOUND.
CHART FAS OBST: 499 TREE 343338N/0922913W
CHART: 599 TREE 343252N/0923013W
CHART IN PLANVIEW: USE OF LIT R-225 AND PBF R-284 MAY BE NECESSARY TO LOCATE REMBE INTERSECTION.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S REMBE, RT, 018.98 INBOUND, 2800 FT. IN LIEU OF PT (IAF)
3. FAC: 018.98 FAF: AXALE/I-SUZ 6.17 DME DIST FAF TO MAP: ____ THLD: 4.85
4. MIN. ALT: REMBE 2800, AXALE 2000, WUVOR/I-SUZ 3.42 DME 1100*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 2000 GS ALT AT: AXALE/I-SUZ 6.17 DME 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 44.5
8. MSA FROM: LIT VORTAC 3300

MAG VAR: 1E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 2	693	1	303	693	1	303	693	1	303	693	1	303			
S-LOC 2	820	1	430	820	1	430	820	1 1/4	430	820	1 1/2	430			
CIRCLING	1040	1	650	1140	1 1/4	750	1140	2 1/4	750	1140	2 1/2	750			

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: USE LITTLE ROCK/ADAMS FIELD ALTIMETER SETTING; WHEN NOT RECEIVED, USE HOT SPRINGS
SEE 8260-10

CHECKED

CITY AND STATE	ELEVATION: 390 TDZE: 390 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BENTON, AR	SALINE COUNTY RGNL	I-SUZ	ILS OR LOC/DME RWY 2, ORIG 29 JUL 2010	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.
ALTIMETER SETTING AND INCREASE ALL DA 41 FEET AND ALL MDA 60 FEET. INCREASE S-ILS 2 ALL CATS VISIBILITY 1/4 MILE.

QUALITY CHECK

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BENTON, AR	**ELEVATION: 390 TDZE: 390** AIRPORT NAME: **SALINE COUNTY RGNL**	**I-SUZ**	**ILS OR LOC/DME RWY 2, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECKED

CITY AND STATE	ELEVATION: 390 TDZE: 390	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BENTON, AR	AIRPORT NAME: **SALINE COUNTY RGNL**	**I-SUZ**	**LOC/DME RWY 2, ORIG, 12/20/2007**	AMDT **NONE**
				DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 7014 TDZE: 7014	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
FLAGSTAFF, AZ	AIRPORT NAME: **FLAGSTAFF PULLIAM**	**GPS**	**GPS RWY 03, ORIG-B, 06/12/2003**	AMDT **ORIG-A**
				DATE **01/18/2001**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FLG VOR/DME	SEZCY (FO)	205.00 / 11.98	10500
JUWSO (IAF)	SEZCY (NOPT) (FB)	029.26 / 16.05	9600
OATES (IAF)	SEZCY (NOPT) (FB)	307.43 / 9.31	9600
SEZCY (IF/IAF)	TOHQU (FB)	027.09 / 6.01	8700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 9500 DIRECT LAKKS AND ON TRACK 089.84 TO TAWNE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 262.68 INBOUND.
CHART FAS OBST: 7081 TREE 350746N/1114040W
CHART FAS OBST: 7101 TREE 350747N/1114036W
7746 AAO 350548N/1114452W.
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
WAAS CHANNEL # 45718
REFERENCE PATH ID: W03A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW SEZCY, RT, 027.09 INBOUND, 9600 FT. IN LIEU OF PT (IAF)
3. FAC: 027.13 FAF: TOHQU DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: SEZCY 9600, TOHQU 8700, YEDUV/3.50 NM TO RW03 8160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8700 GS ALT AT: TOHQU 8700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 42.0 34:1 IS NOT CLEAR
8. MSA FROM: RW03 13900

MAG VAR: 14E EPOCH YEAR: 1975

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	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	7264	1	250	7264	1	250	7264	1	250	7264	1	250			
LNAV/VNAV DA	7479	1 3/4	465	7479	1 3/4	465	7479	1 3/4	465	7479	1 3/4	465			
LNAV MDA	7360	1	346	7360	1	346	7360	1	346	7360	1 1/4	346			
CIRCLING	7520	1	506	7520	1	506	7520	1 1/2	506	7580	2	566			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -29C (-20F) OR ABOVE 35C (95F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 7014 TDZE: 7014	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FLAGSTAFF, AZ	AIRPORT NAME: FLAGSTAFF PULLIAM	RNAV	RNAV (GPS) RWY 3, ORIG 29 JUL 2010	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: VISIBILITY REDUCTION BY HELICOPTERS NA.
***LNAV ONLY**

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FLAGSTAFF, AZ	**ELEVATION: 7014 TDZE: 7014** AIRPORT NAME: **FLAGSTAFF PULLIAM**	**RNAV**	**RNAV (GPS) RWY 3, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFLG
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	350752.3855N
LTP/FTP LONGITUDE	1114044.1275W
LTP/FTP ELLIPSOIDAL HEIGHT	+21146
FPAP LATITUDE	350859.5600N
FPAP LONGITUDE	1113932.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00042.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	89BAFD0D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+21378
FPAP ORTHOMETRIC HEIGHT	+21378

QUALITY CHECKED

CITY AND STATE	ELEVATION: 7014 TDZE: 7014	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLAGSTAFF, AZ	AIRPORT NAME: FLAGSTAFF PULLIAM	RNAV	RNAV (GPS) RWY 3, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        FLG    K2011385VDH  N35084991W111402699    N35084991W111402699E0140070262     NARFLAGSTAFF

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   JUWSO K20    C   L N34474835W112030084                    E0113     NAR          JUWSO
          SUSAEAENRT   LAKKS K20    W     N35101984W111380706                    E0112     NAR          LAKKS
          SUSAEAENRT   OATES K20    C   L N34521252W111423376                    E0112     NAR          OATES
          SUSAEAENRT   SEZCY K20    W     N34592992W111493775                    E0113     NAR          SEZCY
          SUSAEAENRT   TAWNE K20    C   L N35070650W111221686                    E0111     NAR          TAWNE
          SUSAEAENRT   TOHQU K20    W     N35040201W111444910                    E0112     NAR          TOHQU
          SUSAEAENRT   YEDUV K20    W     N35051403W111433258                    E0112     NAR          YEDUV

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFLGK2AFLG     0     088YHN35082510W111400930E014007014         1800018000C    MNAR    FLAGSTAFF PULLIAM

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFLGK2FR03   AFLG   010FLG  K2D 0V       IF                                          18000                A JS
          SUSAP KFLGK2FR03   AFLG   020SEZCYK2EA0EY   020TF                    20500120    + 10500                      A JS
          SUSAP KFLGK2FR03   AFLG   030SEZCYK2EA0EE AR   HF                    02710070    + 09600                      A JS
          SUSAP KFLGK2FR03   AJUWSO 010JUWSOK2EA0E  A    IF                                          18000                A JS
          SUSAP KFLGK2FR03   AJUWSO 020SEZCYK2EA0EE B 010TF                    02930161    + 09600                      A JS
          SUSAP KFLGK2FR03   AOATES 010OATESK2EA0E  A    IF                                          18000                A JS
          SUSAP KFLGK2FR03   AOATES 020SEZCYK2EA0EE B 010TF                    30740093    + 09600                      A JS
          SUSAP KFLGK2FR03   R      010SEZCYK2EA0E  I    IF                                + 09600   18000              A JS
          SUSAP KFLGK2FR03   R      020TOHQUK2EA1E  F 051TF                    02710060    + 08700             RW03  K2PGA JS
          SUSAP KFLGK2FR03   R      020TOHQUK2EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KFLGK2FR03   R      021YEDUVK2EA0E S  031TF                    02710016    V 0816008182        -300      A JS
          SUSAP KFLGK2FR03   R      030RW03 K2PG0GY M 031TF                    02710035      07056             -300      A JS
          SUSAP KFLGK2FR03   R      040         0  M  010CA                    0271        + 07264                       A JS
          SUSAP KFLGK2FR03   R      050LAKKSK2EA0E    010DF                                                             A JS
          SUSAP KFLGK2FR03   R      060TAWNEK2EA0EY   010TF                    0898        + 09500                       A JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 7014 TDZE: 7014	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLAGSTAFF, AZ	AIRPORT NAME: FLAGSTAFF PULLIAM	RNAV	RNAV (GPS) RWY 3, ORIG 29 JUL 2010	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.

```
        SUSAP KFLGK2FR03    R       070TAWNEK2EA0EE  R020HM                    26270070    + 09500                              A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFLGK2GRW03     0088000272 N35075239W111404413-0200     +2114607014000042150R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFLGK2PR03    RW03 001 0000W03A0N3507523855W11140441275+211460300N3508595600W1113932600010675007200042OF40050089BAFD0D
        SUSAP KFLGK2PR03    RW03 002E       +21378+21378LPV       45718

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFLGK2SRW03 K2PG                0   18018013925                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 7014 TDZE: 7014	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLAGSTAFF, AZ	AIRPORT NAME: FLAGSTAFF PULLIAM	RNAV	RNAV (GPS) RWY 3, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1394 TDZE: 1383	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MESA, AZ	AIRPORT NAME: **FALCON FLD**	**GPS**	**GPS RWY 4R, ORIG, 02/02/1996**	AMDT **NONE**
				DATE

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

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AVENT INT (IAF)	AZCAF INT	079.00 / 1.82 (HDG) & 123.82 / 6.09 (FFZ BRG-304)	6000
AZCAF INT (IF)	LYNET INT	123.82 / 6.25 (FFZ BRG-304)	4200
LYNET INT	TOXIE INT	123.82 / 3.46 (FFZ BRG-304)	3200

MISSED APPROACH

MAP: FFZ NDB

CLIMBING RIGHT TURN TO 5000 VIA HEADING 210 AND PXR R-143 TO SACAT INT/PXR 11.63 DME AND HOLD. CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 323.44 INBOUND.
FAS OBST: 1519 AAO 333051N/1114516W
1619 AAO 333127N/1114545W
FAC CROSSES MID POINT OF RWY 04L-22R.
CHART (NERPE) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)
2. _____
3. FAC 123.82 FAF TOXIE INT DIST FAF TO MAP _____ THLD _____
4. MIN. ALT AZCAF 6000, LYNET 4200, TOXIE 3200
8. MSA FROM: FFZ NDB 360-110 8900, 110-200 5600, 200-360 6100

MAG VAR: 12E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1900	1	506	1900	1	506	1900	1 1/2	506		NA				

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.

@ NA WHEN CONTROL TOWER CLOSED.

CITY AND STATE	ELEVATION: 1394 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MESA, AZ	FALCON FLD	FFZ	NDB-A, AMDT 1 29 JUL 2010	SUP NDB OR GPS-A AMDT ORIG DATE 12/31/2020

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SACAT (IAF)	ISTOW (FB)	348.55 / 6.25	3200
ISTOW (IF)	PEVDE (FB)	037.44 / 6.29	2300

MISSED APPROACH

LNAV: RW04L

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

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 323.44 INBOUND.
CHART FAS OBST: 1537 TANK 332710N/1114353W
PEVDE TO RW04L: 3.00/39.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ISTOW
3. FAC: 039.13 FAF: PEVDE DIST FAF TO MAP: 2.81 THLD: 2.81
4. MIN. ALT: ISTOW 3200, PEVDE 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: RW04L 8900

MAG VAR: 12E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1800	1	417	1800	1	417	1800	1 1/4	417		NA				
CIRCLING	1900	1	506	1900	1	506	1900	1 1/2	506		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SACAT VIA V16 SOUTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1394 TDZE: 1383	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MESA, AZ	AIRPORT NAME: FALCON FLD	RNAV	RNAV (GPS) RWY 4L, ORIG 29 JUL 2010	AMDT: NONE
				DATED

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ISTOW K20    W     N33213819W111522247                              NAR           ISTOW
        SUSAEAENRT   PEVDE K20    W     N33254387W111463998                              NAR           PEVDE
        SUSAEAENRT   SACAT K20    C   L N33152275W111522675                              NAR           SACAT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2AFFZ     0     051YHN33273900W111434200E012001394         1800018000C    MNAR    FALCON FLD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2FR04L  ASACAT 010SACATK2EA0E  A    IF                                                 18000                B JS
        SUSAP KFFZK2FR04L  ASACAT 020ISTOWK2EA0EE B 010TF                    34860063    + 03200                                B JS
        SUSAP KFFZK2FR04L  R      010ISTOWK2EA0E  I    IF                               + 03200    18000                       B JS
        SUSAP KFFZK2FR04L  R      020PEVDEK2EA1E  F 051TF                    03740063    + 02300                RW04L K2PGB JS
        SUSAP KFFZK2FR04L  R      020PEVDEK2EA2WN         N          ALNAV                                                    JS
        SUSAP KFFZK2FR04L  R      030RW04LK2PG0GY M 031TF                    03910028      01405           -300               B JS
        SUSAP KFFZK2FR04L  R      040         0  M  010CA                    0391        + 01794                              B JS
        SUSAP KFFZK2FR04L  R      050SACATK2EA0EY  R010DF                               + 05000                              B JS
        SUSAP KFFZK2FR04L  R      060SACATK2EA0EE  L020HM                    32340050    + 05000                              B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2GRW04L   0037990392 N33272988W111440306+0500    +0386701366000039075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2SRW04LK2PG              0   18018008925                                                                  M
```

CITY AND STATE	ELEVATION: 1394 TDZE: 1383	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESA, AZ	AIRPORT NAME: **FALCON FLD**	**RNAV**	**RNAV (GPS) RWY 4L, ORIG** 29 JUL 2010	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SACAT (IAF)	ISTOW (FB)	348.55 / 6.25	3200
ISTOW (IF)	FOLOM (FB)	038.66 / 6.01	2300

MISSED APPROACH

LNAV: RW04R

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

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 323.44 INBOUND.
CHART FAS OBST: 1537 TANK 332710N/1114353W
CHART VDP AT 1.24 MILES TO RW04R.
FOLOM TO RW04R: 2.81/41.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ISTOW
3. FAC: 038.72 FAF: FOLOM DIST FAF TO MAP: 3.00 THLD: 3.00
4. MIN. ALT: ISTOW 3200, FOLOM 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: RW04R 8900

MAG VAR: 12E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1800	1	417	1800	1	417	1800	1 1/4	417		NA				
CIRCLING	1900	1	506	1900	1	506	1900	1 1/2	506		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SACAT VIA V16 SOUTHEAST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SEE 8260-10

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1394 TDZE: 1383	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MESA, AZ	AIRPORT NAME: FALCON FLD	RNAV	RNAV (GPS) RWY 4R, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
SETTING AND INCREASE ALL MDA 80 FEET.
CHART NOTE: VDP NA WITH PHOENIX SKY HARBOR INTL ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MESA, AZ	**ELEVATION: 1394 TDZE: 1383** AIRPORT NAME: **FALCON FLD**	**RNAV**	**RNAV (GPS) RWY 4R, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FOLOM K20    W     N33252710W111464923                          NAR          FOLOM
          SUSAEAENRT   ISTOW K20    W     N33213819W111522247.                         NAR          ISTOW
          SUSAEAENRT   SACAT K20    C   L N33152275W111522675                          NAR          SACAT

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFZK2AFFZ     0     051YHN33273900W111434200E012001394         1800018000C    MNAR    FALCON FLD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFZK2FR04R  ASACAT 010SACATK2EA0E  A    IF                                          18000               B JS
          SUSAP KFFZK2FR04R  ASACAT 020ISTOWK2EA0EE B 010TF                   34860063    + 03200                      B JS
          SUSAP KFFZK2FR04R  R      010ISTOWK2EA0E  I    IF                              + 03200     18000           B JS
          SUSAP KFFZK2FR04R  R      020FOLOMK2EA1E  F 051TF                   03870060    + 02300                RW04R K2PGB JS
          SUSAP KFFZK2FR04R  R      020FOLOMK2EA2WN         N          ALNAV                                          JS
          SUSAP KFFZK2FR04R  R      030RW04RK2PGOGY M 031TF                   03870030      01406          -281       B JS
          SUSAP KFFZK2FR04R  R      040         0  M  010CA                   0387        + 01794                  B JS
          SUSAP KFFZK2FR04R  R      050SACATK2EA0EY  R010DF                              + 05000                  B JS
          SUSAP KFFZK2FR04R  R      060SACATK2EA0EE  L020HM                   32340050    + 05000                  B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFZK2GRW04R   0051010392 N33272123W111440272+0600     +0386601365000041100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFZK2SRW04RK2PG              0   18018008925                                                          M
```

CITY AND STATE	ELEVATION: 1394 TDZE: 1383	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESA, AZ	AIRPORT NAME: **FALCON FLD**	**RNAV**	**RNAV (GPS) RWY 4R, ORIG** 29 JUL 2010	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AVENT (IAF)	AZCAF (FB)	114.02 / 7.49	6000
AZCAF (IF)	LYNET (FB)	123.72 / 6.25	4200
LYNET	TOXIE (FB)	123.77 / 3.46	3200

MISSED APPROACH

LNAV: ONEKE

CLIMB TO 5000 DIRECT SLIEE AND RIGHT TURN ON TRACK 217.84 TO SACAT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 323.44 INBOUND.
CHART FAS OBST: 1467 ANT + APBN ON OL ATCT
332727N/1114337W
1559 AAO 333054N/1114623W
FAC CROSSES MID POINT OF RWY 04L-22R.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT AZCAF
3. FAC: 121.76 FAF: TOXIE DIST FAF TO MAP: 3.49 THLD: ____
4. MIN. ALT: AZCAF 6000, LYNET 4200, TOXIE 3200
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: ONEKE 8900

MAG VAR: 12E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	1900	1	506	1900	1	506	1900	1 1/2	506		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AVENT VIA V257 NORTHWEST BOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHOENIX SKY HARBOR INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.

@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MESA, AZ	ELEVATION: 1394 TDZE: AIRPORT NAME: FALCON FLD	RNAV	RNAV (GPS)-B, ORIG 29 JUL 2010	SUP: AMDT: NONE DATED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport elevation. Distances are in nautical miles unless otherwise indicated, except 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   AVENT K20    C   L N33413173W112020993                          NAR          AVENT
        SUSAEAENRT   AZCAF K20    C     N33370683W111545483                          NAR          AZCAF
        SUSAEAENRT   LYNET K20    C     N33323771W111494154                          NAR          LYNET
        SUSAEAENRT   ONEKE K20    W     N33274347W111434754                          NAR          ONEKE
        SUSAEAENRT   SACAT K20    C   L N33152275W111522675                          NAR          SACAT
        SUSAEAENRT   SLIEE K20    W     N33242592W111394165                          NAR          SLIEE
        SUSAEAENRT   TOXIE K20    C     N33300873W111464847                          NAR          TOXIE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2AFFZ     0     051YHN33273900W111434200E012001394        1800018000C    MNAR    FALCON FLD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2FRNV-B AAVENT 010AVENTK2EA0E  A    IF                                          18000                B JC
        SUSAP KFFZK2FRNV-B AAVENT 020AZCAFK2EA0EE B 010TF                  11400075    + 06000                         B JC
        SUSAP KFFZK2FRNV-B R      010AZCAFK2EA0E  I    IF                           + 06000     18000                B JC
        SUSAP KFFZK2FRNV-B R      011LYNETK2EA0E S  051TF                 12370063    + 04200                         B JC
        SUSAP KFFZK2FRNV-B R      020TOXIEK2EA0E  F 051TF                 12380035    + 03200              ONEKE K2EAB JC
        SUSAP KFFZK2FRNV-B R      030ONEKEK2EA0EY M 031TF                 12180035      01900          000              B JC
        SUSAP KFFZK2FRNV-B R      040         0  M  010CA                 1218        + 01794                         B JC
        SUSAP KFFZK2FRNV-B R      050SLIEEK2EA0E    010DF                                                             B JC
        SUSAP KFFZK2FRNV-B R      060SACATK2EA0EY  R010TFY                2178        + 05000                         B JC
        SUSAP KFFZK2FRNV-B R      070SACATK2EA0EE  L020HM                 32340050    + 05000                         B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFZK2SONEKEK2EA              0   18018008925                                                              M
```

CITY AND STATE	ELEVATION: 1394 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MESA, AZ	**FALCON FLD**	**RNAV**	**RNAV (GPS)-B, ORIG** / 29 JUL 2010	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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

(2) TEXTUAL DEPARTURE PROCEDURE:

USE MESA DEPARTURE.

(3) TAKEOFF OBSTACLE NOTES:

(4) CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
MESA, AZ	FALCON FIELD	29 JUL 2010	4

US Department of Transportation
Federal Aviation Administration

GRAPHIC DEPARTURE PROCEDURE (DP)

☒ OBSTACLE ☐ SID ☐ RNAV

1. Bearings, headings, courses, tracks, and radials are magnetic.
2. Distances are in nautical miles.
3. Altitudes are minimum altitudes unless otherwise indicated.
4. Graphic depiction attached.

(1) DP Route Description: TAKEOFF RWY 4: CLIMBING RIGHT TURN DIRECT DAG VORTAC, THENCE...
TAKEOFF RWY 8: CLIMBING LEFT TURN DIRECT DAG VORTAC, THENCE...
TAKEOFF RWY 22: CLIMBING RIGHT TURN HEADING 090 TO INTERCEPT DAG R-224 TO DAG VORTAC. THENCE...OR CLIMB IN VISUAL CONDITIONS TO CROSS BARSTOW-DAGGETT AIRPORT AT OR ABOVE 6800 BEFORE PROCEEDING ON COURSE.
TAKEOFF RWY 26: CLIMBING RIGHT TURN HEADING 090 TO INTERCEPT DAG R-224 TO DAG VORTAC. THENCE...OR CLIMB IN VISUAL CONDITIONS TO CROSS BARSTOW-DAGGETT AIRPORT AT OR ABOVE 6800 BEFORE PROCEEDING ON COURSE.
...ON DAG R-047 TO TEELE INT/DAG 12.00 DME, AIRCRAFT PROCEEDING VIA V587 CONTINUE CLIMB ON COURSE, ALL OTHERS, CLIMBING RIGHT TURN TO 7500 TO DAG VORTAC THEN AS ASSIGNED.

(2) Transition Routes (Graphic Depiction Only)

(a) Transition Name	(b) Transition Computer Codes	(c) From FIX/NAVAID	(d) To FIX/NAVAID	(e) Course / Distance	(f) MEA / MOCA	(g) Crossing Altitudes/Fixes

(3) Procedural Data Notes / Takeoff Minimums:
RWY 4, STANDARD.
RWY 8, STANDARD.
RWY 22, STANDARD WITH MINIMUM CLIMB OF 452 FT PER NM TO 3700, OR 4600-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 26, STANDARD WITH MINIMUM CLIMB OF 420 FT PER NM TO 4600, OR 4600-3 FOR CLIMB IN VISUAL CONDITIONS.

(4) Takeoff Obstacle Notes: NOTE: RWY 4, BUSH 44' FROM DER, 286' LEFT OF CENTERLINE 6' AGL/1914 MSL. BUSH 51' FROM DER, 295' LEFT OF CENTERLINE, 7' AGL/1915' MSL. BUSH 126' FROM DER, 86' LEFT OF CENTERLINE, 4' AGL/1912' MSL.
NOTE: RWY 8, MULTIPLE BUSHES BEGINNING 113' FROM DER, 259' LEFT OF CENTERLINE UP TO 16' AGL/1924' MSL.

(5) Controlling Obstacles: RWY 22: 2143' MSL TREE 340517.75N/0862101.05W, RWY 26: 3899' MSL AAO 345622.62N-1164835.50W. RWY 22,26 (VCOA) 6509' AAO 344034.70N-1164851.00W.

(6) Fixes and/or NAVAID'S : HEC VORTAC

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
DAGGETT ONE	ONE	DAG1.DAG			29 JUL 2010

(13) Airports Served	
Airport Name **BARSTOW-DAGGETT**	City/State **DAGGETT, CA**
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State
Airport Name	City/State

(14) Lost Communications Procedures:

(15) Communications: ZLA APP/DEP CONTROL 132.5

(16) Additional Flight Data:

(17) Continuation: NOTE: RWY 22, TREE 5668' FROM DER, 1824' LEFT OF CENTERLINE, 40' AGL 2143' MSL MULTIPLE POLES 78' LEFT OF CENTERLINE UP TO 73' AGL/1995' MSL. RAILROAD 1224' FROM DER, 402' LEFT OF CENTERLINE 23' AGL/1980' MSL. OBSTRUCTION LIGHT ON ROD 64' FROM DER, 495' RIGHT OF CENTERLINE, 45' AGL/1968' MSL. POLE 2635' FROM DER, 279' RIGHT OF CENTERLINE, 72' AGL/1995' MSL. NOTE: RWY 26, VEHICLES ON ROAD 360' FROM DER, 265' LEFT OF CENTERLINE 15' AGL/1946' MSL. RAILROAD 953' FROM DER, 355' LEFT OF CENTERLINE 23' AGL/1958' MSL.

(7) DP Name	(8) Number	(9) DP Computer Code	(10) Superseded Number	(11) Dated	(12) Effective Date
DAGGETT ONE	ONE	DAG1.DAG			29 JUL 2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EXTRA	NOVIC (FO)	219.39 / 17.95	2700
LATON	NOVIC (FO)	158.66 / 13.76	2000
PIXEY (IAF)	NOVIC (NOPT) (FB)	287.95 / 6.23	2000
NOVIC (IF/IAF)	MAXKA (FB)	317.58 / 6.02	1900

MISSED APPROACH

LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 2000 DIRECT NAPCI AND VIA 357.62 TRACK TO OYUGO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 357.62 INBOUND.
CHART FAS OBST: 319 TRNSMSN LINE 381820N/1193717W
FAS OBST: 439 AAO 361454N/1193357W
DISTANCE TO THLD FROM 381 HAT: 1.07 NM.
CHART VDP AT 1.37 MILES TO RW32* *LNAV ONLY.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE NOVIC, RT, 317.58 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 317.55 FAF: MAXKA DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: NOVIC 2000, MAXKA 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: MAXKA 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW32 4000

MAG VAR: 14E EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV/VNAV DA	619	1 1/4	381	619	1 1/4	381	619	1 1/4	381		NA				
LNAV MDA	700	1	462	700	1	462	700	1 1/4	462		NA				
CIRCLING	720	1	480	720	1	480	740	1 1/2	500		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
HANFORD, CA	ELEVATION: 240 TDZE: 238 AIRPORT NAME: HANFORD MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 29 JUL 2010	SUP: AMDT: ORIG-B DATED 08/27/2009

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VISALIA ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FT AND LNAV CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING VISALIA ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
HANFORD, CA	**ELEVATION: 240 TDZE: 238** AIRPORT NAME: **HANFORD MUNI**	**RNAV**	**RNAV (GPS) RWY 32, AMDT 1** 29 JUL 2010	SUP: AMDT: **ORIG-B** DATED: **08/27/2009**

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
------------------------------------------------------------------------------------------------------------------------------------
SUSAEAENRT   EXTRA K20    C   L N36193906W119130684                    E0134     NAR           EXTRA
SUSAEAENRT   LATON K20    C   L N36223461W119330474                    E0135     NAR           LATON
SUSAEAENRT   MAXKA K20    W     N36141226W119342677                    E0135     NAR           MAXKA
SUSAEAENRT   NAPCI K20    W     N36211614W119391064                    E0135     NAR           NAPCI
SUSAEAENRT   NOVIC K20    W     N36085443W119305447                    E0134     NAR           NOVIC
SUSAEAENRT   OYUGO K20    W     N36261052W119375573                    E0135     NAR           OYUGO
SUSAEAENRT   PIXEY K20    C   L N36053657W119242302                    E0134     NAR           PIXEY

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
------------------------------------------------------------------------------------------------------------------------------------
SUSAP KHJOK2AHJO     0     051YHN36190020W119373960E014000240         1800018000C    MNAR    HANFORD MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
------------------------------------------------------------------------------------------------------------------------------------
SUSAP KHJOK2FR32   AEXTRA 010EXTRAK2EA0E       IF                                          18000                A JS
SUSAP KHJOK2FR32   AEXTRA 020NOVICK2EA0EY   020TF                    21940180    + 02700                         A JS
SUSAP KHJOK2FR32   AEXTRA 030NOVICK2EA0EE AR   HF                    31760040    + 02000                         A JS
SUSAP KHJOK2FR32   ALATON 010LATONK2EA0E       IF                                          18000                A JS
SUSAP KHJOK2FR32   ALATON 020NOVICK2EA0EY   020TF                    15870138    + 02000                         A JS
SUSAP KHJOK2FR32   ALATON 030NOVICK2EA0EE AR   HF                    31760040    + 02000                         A JS
SUSAP KHJOK2FR32   APIXEY 010PIXEYK2EA0E  A    IF                                          18000                A JS
SUSAP KHJOK2FR32   APIXEY 020NOVICK2EA0EE B 010TF                    28800062    + 02000                         A JS
SUSAP KHJOK2FR32   R      010NOVICK2EA0E  I    IF                                + 02000   18000                A JS
SUSAP KHJOK2FR32   R      020MAXKAK2EA1E  F 051TF                    31760060    + 01900             RW32  K2PGA JS
SUSAP KHJOK2FR32   R      020MAXKAK2EA2WN          ALNAV/VNAV ALNAV                                                JS
SUSAP KHJOK2FR32   R      030RW32 K2PG0GY M 031TF                    31760050      00278        -300              A JS
SUSAP KHJOK2FR32   R      040         0  M  010CA                    3176        + 00619                         A JS
SUSAP KHJOK2FR32   R      050NAPCIK2EA0E    010DF                                                                 A JS
SUSAP KHJOK2FR32   R      060OYUGOK2EA0EY   010TF                    3576        + 02000                         A JS
SUSAP KHJOK2FR32   R      070OYUGOK2EA0EE  R020HM                    35760040    + 02000                         A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 240 TDZE: 238	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HANFORD, CA	AIRPORT NAME: HANFORD MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 29 JUL 2010	AMDT: ORIG-B DATED: 08/27/2009

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHJOK2GRW32     0051793175 N36183767W119372448+0000     +00397002380000400075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHJOK2SRW32 K2PG                0    18018004025                                                                M
```

CITY AND STATE	ELEVATION: 240 TDZE: 238	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HANFORD, CA	AIRPORT NAME: HANFORD MUNI	RNAV	RNAV (GPS) RWY 32, AMDT 1 29 JUL 2010	AMDT: ORIG-B DATED: 08/27/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LATON	YEKUT (FO)	294.97 / 12.89	3400
CZQ VORTAC (IAF)	YEKUT (NOPT) (FB)	159.01 / 22.51	3400
FRAME (IAF)	YEKUT (NOPT) (FB)	199.98 / 7.34	3400
YEKUT (IF/IAF)	WANUS (FB)	137.44 / 6.01	2500

MISSED APPROACH

LNAV: RW14

CLIMB TO 3000 DIRECT MAXKA AND ON TRACK 122.44 TO PIXEY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, LT, 122.00 INBOUND.
CHART FAS OBST: 386 TOWER 362047N/1193854W
459 AAO 362523N/1194059W
WANUS TO RW14: 3.05/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **HOLD NW YEKUT, RT, 137.44 INBOUND, 3400 FT. IN LIEU OF PT (IAF)**
3. FAC: **137.48** FAF: **WANUS** DIST FAF TO MAP: **6.84** THLD: **6.84**
4. MIN. ALT: **YEKUT 3400, WANUS 2500**
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: **34:1 IS NOT CLEAR**
8. MSA FROM: **RW14 4000**

MAG VAR: **14E** EPOCH YEAR: **2005**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	**720**	**1**	**480**	**720**	**1**	**480**	**740**	**1 1/2**	**500**		**NA**				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE VISALIA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CZQ VORTAC ON V165 NORTHWEST BOUND.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HANFORD, CA	**ELEVATION: 240 TDZE:** AIRPORT NAME: **HANFORD MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG** 29 JUL 2010	AMDT: **NONE** DATED

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAD        CZQ    K2011290VTH  N36530356W119485448    N36530356W119485448E0150003602     NARCLOVIS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   FRAME K20    C   L N36364674W119402553                    E0136     NAR          FRAME
         SUSAEAENRT   LATON K20    C   L N36223461W119330474                    E0135     NAR          LATON
         SUSAEAENRT   MAXKA K20    W     N36141226W119342677                    E0135     NAR          MAXKA
         SUSAEAENRT   PIXEY K20    C   L N36053657W119242302                    E0134     NAR          PIXEY
         SUSAEAENRT   WANUS K20    W     N36252398W119415723                    E0135     NAR          WANUS
         SUSAEAENRT   YEKUT K20    W     N36304107W119453072                    E0135     NAR          YEKUT

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KHJOK2AHJO     0      051YHN36190020W119373960E014000240         1800018000C    MNAR    HANFORD MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP KHJOK2FRNV-A ACZQ    010CZQ  K2D 0V  A    IF                                          18000                B JC
         SUSAP KHJOK2FRNV-A ACZQ    020YEKUTK2EA0EE B 010TF                 15900225    + 03400                          B JC
         SUSAP KHJOK2FRNV-A AFRAME  010FRAMEK2EA0E  A    IF                                          18000                B JC
         SUSAP KHJOK2FRNV-A AFRAME  020YEKUTK2EA0EE B 010TF                 20000073    + 03400                          B JC
         SUSAP KHJOK2FRNV-A ALATON  010LATONK2EA0E       IF                                          18000                B JC
         SUSAP KHJOK2FRNV-A ALATON  020YEKUTK2EA0EY   020TF                 29500129    + 03400                          B JC
         SUSAP KHJOK2FRNV-A ALATON  030YEKUTK2EA0EE AR   HF                 13740040    + 03400                          B JC
         SUSAP KHJOK2FRNV-A R       010YEKUTK2EA0E  I    IF                             + 03400     18000                B JC
         SUSAP KHJOK2FRNV-A R       020WANUSK2EA0E  F 051TF                 13740060    + 02500                RW14  K2PGB JC
         SUSAP KHJOK2FRNV-A R       030RW14 K2PG0GY M 031TF                 13750068      00285              -305          B JC
         SUSAP KHJOK2FRNV-A R       040          0  M  010CA                1375        + 00640                          B JC
         SUSAP KHJOK2FRNV-A R       050MAXKAK2EA0E     010DF                                                            B JC
         SUSAP KHJOK2FRNV-A R       060PIXEYK2EA0EY    010TF                1224        + 03000                          B JC
         SUSAP KHJOK2FRNV-A R       070PIXEYK2EA0EE   L020HM                12200040    + 03000                          B JC
```

CITY AND STATE	ELEVATION: 240 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HANFORD, CA	AIRPORT NAME: **HANFORD MUNI**	**RNAV**	**RNAV (GPS)-A, ORIG** 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHJOK2GRW14     0051791375 N36192268W119375465+0000     +0040400240000045075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KHJOK2SRW14 K2PG                0   13018004025                                                                M
```

CITY AND STATE	ELEVATION: 240 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HANFORD, CA	AIRPORT NAME: HANFORD MUNI	RNAV	RNAV (GPS)-A, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SAPID	JEFNY (FB)	000.47 / 6.63	5500
OSI VORTAC	JEFNY (FB)	115.48 / 8.72	5100
JEFNY (IAF)	JIKPE (FB)	027.45 / 2.00	4600
JIKPE	AMEBY (FB)	027.47 / 4.00	3900
AMEBY (IF)	CUZUP (FB)	297.50 / 6.16	2000

MISSED APPROACH

LNAV: KIZEM

CLIMBING LEFT TURN TO 4300 DIRECT AMEBY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4300.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 297.44 INBOUND.
CHART FAS OBST: 270 CRANE 373012N/1221310W
CUZUP TO RW30: 3.05/40.
CHART: 370 MONUMENT 372539N/1221002W
FAC CROSSES RWY C/L EXTENDED 1000 FROM THLD.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT AMEBY
3. FAC: 297.44 FAF: CUZUP DIST FAF TO MAP: 5.87 THLD: 6.04
4. MIN. ALT: AMEBY 3900, CUZUP 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: KIZEM 5200

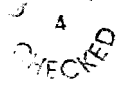
MAG VAR: 15E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1260	1 1/4	1255	1260	1 1/2	1255		NA			NA				
CIRCLING	1260	1 1/4	1255	1260	1 1/2	1255		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 12-30.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10



CITY AND STATE	ELEVATION: 5 TDZE: 5	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SAN CARLOS, CA	AIRPORT NAME: SAN CARLOS	RNAV	RNAV (GPS) Y RWY 30, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL. except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAN FRANCISCO INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN CARLOS, CA	**ELEVATION: 5 TDZE: 5** AIRPORT NAME: **SAN CARLOS**	**RNAV**	**RNAV (GPS) Y RWY 30, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        OSI    K2011390VTLW N37233300W122165268    N37233362W122165458E0170022701     NARWOODSIDE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMEBY K20    W     N37221858W122032916                    E0141     NAR          AMEBY
        SUSAEAENRT   CUZUP K20    W     N37262851W122091145                    E0142     NAR          CUZUP
        SUSAEAENRT   JEFNY K20    W     N37175273W122083397                    E0141     NAR          JEFNY
        SUSAEAENRT   JIKPE K20    W     N37192137W122065244                    E0141     NAR          JIKPE
        SUSAEAENRT   KIZEM K20    W     N37302647W122143831                    E0142     NAR          KIZEM
        SUSAEAENRT   SAPID K20    C   L N37112873W122104700                    E0141     NAR          SAPID

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2ASQL     0     026YHN37304268W122145828E015000005         1800018000C    MNAR    SAN CARLOS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2FR30-Y AOSI   010OSI  K2D 0V       IF                                                18000                B JS
        SUSAP KSQLK2FR30-Y AOSI   020JEFNYK2EA0E  A 020TF                    11550087    + 05100                                B JS
        SUSAP KSQLK2FR30-Y AOSI   030JIKPEK2EA0E    010TF                    02750020    + 04600                                B JS
        SUSAP KSQLK2FR30-Y AOSI   040AMEBYK2EA0EE B 010TF                    02750040    + 03900                                B JS
        SUSAP KSQLK2FR30-Y ASAPID 010SAPIDK2EA0E       IF                                                18000                B JS
        SUSAP KSQLK2FR30-Y ASAPID 020JEFNYK2EA0E  A 020TF                    00050066    + 05500                                B JS
        SUSAP KSQLK2FR30-Y ASAPID 030JIKPEK2EA0E    010TF                    02750020    + 04600                                B JS
        SUSAP KSQLK2FR30-Y ASAPID 040AMEBYK2EA0EE B 010TF                    02750040    + 03900                                B JS
        SUSAP KSQLK2FR30-Y R      010AMEBYK2EA0E  I    IF                                + 03900    18000                       B JS
        SUSAP KSQLK2FR30-Y R      020CUZUPK2EA1E  F 051TF                    29750062    + 02000                KIZEM K2EAB JS
        SUSAP KSQLK2FR30-Y R      020CUZUPK2EA2WN          N          ALNAV                                                    JS
        SUSAP KSQLK2FR30-Y R      030KIZEMK2EA0EY M 031TF                    29740059      00098                -305          B JS
        SUSAP KSQLK2FR30-Y R      040         0  M  010CA                    2974        + 00405                             B JS
        SUSAP KSQLK2FR30-Y R      050AMEBYK2EA0EY  L010DF                                + 04300                             B JS
        SUSAP KSQLK2FR30-Y R      060AMEBYK2EA0EE  L020HM                    29740050    + 04300                             B JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 5 TDZE: 5	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN CARLOS, CA	AIRPORT NAME: **SAN CARLOS**	**RNAV**	**RNAV (GPS) Y RWY 30, ORIG** 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2GRW30     0026003030 N37303313W122144748+0000     -00310000050000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2SKIZEMK2EA               0   18018005225                                                                M
```

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SAN CARLOS, CA	**ELEVATION: 5 TDZE: 5** AIRPORT NAME: **SAN CARLOS**	**RNAV**	**RNAV (GPS) Y RWY 30, ORIG** 29 JUL 2010	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SAPID	JEFNY (FB)	000.47 / 6.63	5500
OSI VORTAC	JEFNY (FB)	115.48 / 8.72	5100
JEFNY (IAF)	JIKPE (FB)	027.45 / 2.00	4600
JIKPE	AMEBY (FB)	027.47 / 4.00	3900
AMEBY (IF)	CUZUP (FB)	297.50 / 6.16	2000

MISSED APPROACH

LNAV: KIZEM

CLIMBING LEFT TURN TO 4300 DIRECT AMEBY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4300.

ADDITIONAL FLIGHT DATA:
HOLD SE, LT, 297.44 INBOUND.
CHART FAS OBST: 270 CRANE 373012N/1221310W
CUZUP TO RW30: 3.05/40.
CHART 370: MONUMENT 372539N/1221002W
FAC CROSSES RWY C/L EXTENDED 1000 FROM THLD.

1. PT **NA** SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT AMEBY**
3. FAC: **297.44** FAF: **CUZUP** DIST FAF TO MAP: **5.87** THLD: **6.04**
4. MIN. ALT: **AMEBY 3900, CUZUP 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: **KIZEM 5200**

MAG VAR: **15E** EPOCH YEAR: **2000**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	**580**	**1**	**575**	**580**	**1**	**575**		**NA**			**NA**				
CIRCLING	**580**	**1**	**575**	**620**	**1**	**615**		**NA**			**NA**				

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 12-30.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
SEE 8260-10

QUALITY 4 CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
SAN CARLOS, CA	**ELEVATION: 5 TDZE: 5** AIRPORT NAME: **SAN CARLOS**	**RNAV**	**RNAV (GPS) Z RWY 30, AMDT 1** 29 JUL 2010	SUP: **RNAV (GPS) RWY 30** AMDT: **ORIG-A** DATED **09/01/2004**

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

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAN FRANCISCO INTL ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: MISSED APPROACH REQUIRES MINIMUM CLIMB OF 302 FEET PER NM TO 4300.
CHART PLANVIEW NOTE: IF UNABLE TO COMPLY WITH CLIMB GRADIENT, USE RNAV (GPS) Y RWY 30.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SAN CARLOS, CA	**ELEVATION: 5 TDZE: 5** AIRPORT NAME: **SAN CARLOS**	**RNAV**	**RNAV (GPS) Z RWY 30, AMDT 1** 29 JUL 2010	SUP: **RNAV (GPS) RWY 30** AMDT: **ORIG-A** DATED: **09/01/2004**

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAD        OSI    K2011390VTLW N37233300W122165268    N37233362W122165458E0170022701     NARWOODSIDE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   AMEBY K20    W     N37221858W122032916                    E0141     NAR          AMEBY
       SUSAEAENRT   CUZUP K20    W     N37262851W122091145                    E0142     NAR          CUZUP
       SUSAEAENRT   JEFNY K20    W     N37175273W122083397                    E0141     NAR          JEFNY
       SUSAEAENRT   JIKPE K20    W     N37192137W122065244                    E0141     NAR          JIKPE
       SUSAEAENRT   KIZEM K20    W     N37302647W122143831                    E0142     NAR          KIZEM
       SUSAEAENRT   SAPID K20    C   L N37112873W122104700                    E0141     NAR          SAPID

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KSQLK2ASQL     0     026YHN37304268W122145828E015000005         1800018000C    MNAR    SAN CARLOS

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KSQLK2FR30-Z AOSI   010OSI  K2D 0V       IF                                                18000                B JS
       SUSAP KSQLK2FR30-Z AOSI   020JEFNYK2EA0E  A 020TF                    11550087    + 05100                                B JS
       SUSAP KSQLK2FR30-Z AOSI   030JIKPEK2EA0E    010TF                    02750020    + 04600                                B JS
       SUSAP KSQLK2FR30-Z AOSI   040AMEBYK2EA0EE B 010TF                    02750040    + 03900                                B JS
       SUSAP KSQLK2FR30-Z ASAPID 010SAPIDK2EA0E       IF                                                18000                B JS
       SUSAP KSQLK2FR30-Z ASAPID 020JEFNYK2EA0E  A 020TF                    00050066    + 05500                                B JS
       SUSAP KSQLK2FR30-Z ASAPID 030JIKPEK2EA0E    010TF                    02750020    + 04600                                B JS
       SUSAP KSQLK2FR30-Z ASAPID 040AMEBYK2EA0EE B 010TF                    02750040    + 03900                                B JS
       SUSAP KSQLK2FR30-Z R      010AMEBYK2EA0E  I    IF                                + 03900    18000                       B JS
       SUSAP KSQLK2FR30-Z R      020CUZUPK2EA1E  F 051TF                    29750062    + 02000                KIZEM K2EAB JS
       SUSAP KSQLK2FR30-Z R      020CUZUPK2EA2WN         N          ALNAV                                                      JS
       SUSAP KSQLK2FR30-Z R      030KIZEMK2EA0EY M 031TF                    29740059      00098          -305                 B JS
       SUSAP KSQLK2FR30-Z R      040         0  M  010CA                    2974        + 00405                                B JS
       SUSAP KSQLK2FR30-Z R      050AMEBYK2EA0EY  L010DF                                + 04300                                B JS
       SUSAP KSQLK2FR30-Z R      060AMEBYK2EA0EE  L020HM                    29740050    + 04300                                B JS
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 5 TDZE: 5	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SAN CARLOS, CA	AIRPORT NAME: SAN CARLOS	RNAV	RNAV (GPS) Z RWY 30, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 09/01/2004

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

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2GRW30     0026003030 N37303313W122144748+0000     -0031000005000040075R

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSQLK2SKIZEMK2EA               0    18018005225                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 5 TDZE: 5	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 30
SAN CARLOS, CA	AIRPORT NAME: SAN CARLOS	RNAV	RNAV (GPS) Z RWY 30, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 09/01/2004

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECK 5/7-9/2010

CITY AND STATE	ELEVATION: 1439 TDZE: 1426	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
UPLAND, CA	AIRPORT NAME: **CABLE**	**GPS**	**GPS RWY 06, ORIG-A 1/4/02**	AMDT **ORIG**
				DATE **9/11/97**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ELMOO (IAF)	HOPUN (FB)	084.85 / 8.52	4500
HOPUN (IF)	POM VORTAC (FB)	074.93 / 6.25	3100

MISSED APPROACH

LNAV: TOVQU

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

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 276.00 INBOUND.
CHART FAS OBST: 1509 TREE 340703N/1174149W
POMONA VORTAC TO RW06: 3.11/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOPUN
3. FAC: 054.09 FAF: POM VORTAC DIST FAF TO MAP: 4.65 THLD: 5.05
4. MIN. ALT: HOPUN 4500, POM VORTAC 3100
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: TOVQU 11300

MAG VAR: 14E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1980	1	550	1980	1	550	1980	1 1/2	550		NA				
CIRCLING	1980	1	536	1980	1	536	1980	1 1/2	536		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: CIRCLING NA N OF RWY 6-24.
SEE 8260-10

QUALITY 5 CHECK

CITY AND STATE	ELEVATION: 1444 TDZE: 1430	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
UPLAND, CA	AIRPORT NAME: CABLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	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: USE ONTARIO ALTIMETER SETTING. WHEN ONTARIO ALTIMETER SETTING NOT RECEIVED USE RIVERSIDE ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ELMOO ON V186 WESTBOUND.

QUALITY 5 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
UPLAND, CA	**ELEVATION: 1444 TDZE: 1430** AIRPORT NAME: **CABLE**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        POM   K2011040VTL  N34044215W117471347    N34044215W117471347E0150012731     NARPOMONA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ADAMM K20    C   L N34010137W117490054                    E0126     NAR           ADAMM
        SUSAEAENRT   ELMOO K20    C   L N34055460W118045253                    E0127     NAR           ELMOO
        SUSAEAENRT   HOPUN K20    C   L N34043537W117544451                    E0126     NAR           HOPUN
        SUSAEAENRT   TOVQU K20    W     N34062637W117420168                    E0126     NAR           TOVQU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCCBK2ACCB     0     038YHN34064180W117411460E014001444         1800018000C    MNAR    CABLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCCBK2FR06   AELMOO 010ELMOOK2EA0E  A    IF                                                18000               B JS
        SUSAP KCCBK2FR06   AELMOO 020HOPUNK2EA0EE B 010TF                      08490085    + 04500                          B JS
        SUSAP KCCBK2FR06   R      010HOPUNK2EA0E  I    IF                                + 04500     18000                B JS
        SUSAP KCCBK2FR06   R      020POM  K2D 1V  F 051TF                      07490063    + 03100                TOVQU K2EAB JS
        SUSAP KCCBK2FR06   R      020POM  K2D 2WN         N          ALNAV                                                 JS
        SUSAP KCCBK2FR06   R      030TOVQUK2EA0EY M 031TF                      05410047      01565            -311        B JS
        SUSAP KCCBK2FR06   R      040         0  M  010CA                      0541        + 01844                          B JS
        SUSAP KCCBK2FR06   R      050ADAMMK2EA0EY  R010DF                                  + 05000                          B JS
        SUSAP KCCBK2FR06   R      060ADAMMK2EA0EE  R020HM                      27600040    + 05000          175             B-JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCCBK2GRW06    0038640551 N34063535W117413487+1300    +039160139301064007 5R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1444 TDZE: 1430	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
UPLAND, CA	AIRPORT NAME: CABLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCCBK2STOVQUK2EA                0   18018011325                                                          M
```

4
CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
UPLAND, CA	ELEVATION: 1444 TDZE: 1430 AIRPORT NAME: CABLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	SUP: 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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 24 - STANDARD.

RWY 6 - 300-1 ¾ OR STANDARD WITH MINIMUM CLIMB OF 240 FEET PER NM TO 1900.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 24 - CLIMBING LEFT TURN.

RWY 6 - CLIMBING RIGHT TURN.

ALL AIRCRAFT - CLIMB DIRECT PDZ VORTAC AND HOLD (E, RT, 258.00 INBOUND), CONTINUE CLIMB-IN-HOLD TO MEA FOR ROUTE OF FLIGHT.

(3) TAKEOFF OBSTACLE NOTES:NOTE: RWY 24, SIGN 45' FROM DER, 96' LEFT OF CENTERLINE, 8' AGL/1396' MSL. TREES BEGINNING 250' FROM DER 417' RIGHT OF CENTERLINE, UP TO 30' AGL/1429' MSL.

NOTE: RWY 6, TREES BEGINNING 14' FROM DER, 78' LEFT OF CENTERLINE, UP TO 30' AGL/1669' MSL. SIGN 27' FROM DER, 98' RIGHT OF CENTERLINE, 8' AGL/1448' MSL. SIGN 29' FROM DER, 102' LEFT OF CENTERLINE, 8' AGL/1451' MSL. POLE 109' FROM DER, 221' RIGHT OF CENTERLINE, 40' AGL/1470' MSL. POLES BEGINNING 123' FROM DER, 178' LEFT OF CENTERLINE, UP TO 47' AGL/1491' MSL. TREES BEGINNING 160' FROM DER, 15' RIGHT OF CENTERLINE, UP TO 30' AGL/1506' MSL. OL ON BLDG 768' FROM DER, 246' LEFT OF CENTERLINE, 39' AGL/1489' MSL. TREE 2785' FROM DER, ON CENTERLINE, 30' AGL/1524' MSL.

(4) CONTROLLING OBSTACLES:

RWY 6, 10264' MSL AAO 341721N/1173852.6W. 1599' TREE 340723.67N/1174004.26W. 1669' TREE 340741.81N/1173933.99W. 1666' TREE 340743.13N/1173929.99W.

RWY 24, 10264' MSL AAO 341721N/1173852.6W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
UPLAND, CA	CABLE	29 JUL 2010	3

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOLOP/19.34 DME/RADAR (IAF)	NAVAL/17.34 DME/RADAR	184.45 / 2.00 (I-TFE)	5000%
NAVAL/17.34 DME/RADAR (IF)	ONNER/14.19 DME/RADAR	184.45 / 3.15 (I-TFE)	4000%
ONNER/14.19 DME/RADAR	HAMMY/11.04 DME/RADAR	184.45 / 3.15 (I-TFE)	3000%
HAMMY/11.04 DME/RADAR	TUFFE INT/8.52 DME/RADAR	184.45 / 2.52 (I-TFE)	2200

MISSED APPROACH

ILS: DA
LOC: 6.33 MILES AFTER TUFFE INT/8.52 DME/RADAR OR AT I-TFE 2.19 DME FIX

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND ORL VORTAC R-227.36 TO CAMBE INT/ORL 20.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000; OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND LAL VORTAC R-046.05 TO CAMBE INT/LAL 29.02 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 047.36 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD SW CAMBE INT/LAL 29.02 DME, RT, 046.05 INBOUND.
CHART IN PLANVIEW: CAMBE
CHART FAS OBST: 229 TOWER 282837N/0811934W
CHART LOC RWY 17R AND RWY 17L.
CHART VDP AT 3.21 DME*;
DISTANCE VDP TO THLD 1.02 MILES.
CHART IN PLANVIEW: EXECUTIVE AIRPORT

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HOLOP/19.34 DME/RADAR
3. FAC: 184.45 FAF: TUFFE INT/8.52 DME/RADAR DIST FAF TO MAP: 6.33 THLD: 6.33
4. MIN. ALT: HOLOP 5000, NAVAL 5000%, ONNER 4000%, HAMMY 3000%, TUFFE 2200, IVODE/4.50 DME/RADAR 880*
5. DIST TO THLD FROM OM: - MM: 0.44 IM: - 150 HAT: - 100 HAT: - GS ANT: 1050
6. MIN GS INCPT: 2200 GS ALT AT: TUFFE INT/8.52 DME/RADAR 2200 OM: - MM: 287 IM: -
7. GS ANGLE: 3.00 TCH: 55.4
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 18R	294	1800	200	294	1800	200	294	1800	200	294	1800	200			
S-LOC 18R	480	2400	386	480	2400	386	480	2400	386	480	4000	386			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 17R OR RWY 17L.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
*LOC ONLY
SEE 8260-10

CAT A, B, C, D 700-2

QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	I-TFE	ILS OR LOC RWY 18R, AMDT 9	AMDT: 8
			29 JUL 2010	DATED 08/27/2009

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.
CHART PLANVIEW AND PROFILE NOTE: %WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART PROFILE NOTE: USE I-TFE DME WHEN ON THE LOCALIZER COURSE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 94	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-TFE**	**ILS OR LOC RWY 18R, AMDT 9** 29 JUL 2010	AMDT: **8**
				DATED: **08/27/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LAL VORTAC (IAF)	BEZDU (FB)	125.29 / 6.75	2000
BEZDU (IF)	RELNE (FB)	048.93 / 6.10	1800

MISSED APPROACH

LNAV: RW05

CLIMBING LEFT TURN TO 2000 DIRECT PLUMY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 241.00 INBOUND.
CHART FAS OBST: 340 TWR 280212N/0814725W
CHART VDP AT 1.41 MILES TO RW05.
RELNE TO RW05: 3.04/50.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BEZDU
3. FAC: 048.97 FAF: RELNE DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: BEZDU 2000, RELNE 1800, NOSTE/2.50 NM TO RW05 980
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: RW05 2300

MAG VAR: 4W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	600	1	455	600	1	455	600	1 1/4	455	600	1 1/2	455			
CIRCLING	680	1	535	680	1	535	680	1 1/2	535	820	2 1/4	675			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARTOW ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
SEE 8260-10

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

CITY AND STATE	ELEVATION: 145 TDZE: 145	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4
WINTER HAVEN, FL	AIRPORT NAME: WINTER HAVEN'S GILBERT	RNAV	RNAV (GPS) RWY 5, AMDT 1	AMDT: ORIG
			29 JUL 2010	DATED 10/03/2002

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT LAL VORTAC ON AIRWAY RADIALS 080 CW 171.
CHART NOTE: VDP NA WITH BARTOW ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WINTER HAVEN, FL	**ELEVATION: 145 TDZE: 145** AIRPORT NAME: **WINTER HAVEN'S GILBERT**	**RNAV**	**RNAV (GPS) RWY 5, AMDT 1** 29 JUL 2010	SUP: **RNAV (GPS) RWY 4** AMDT: **ORIG** DATED: **10/03/2002**

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LAL   K7011600VTH  N27591025W082004999    N27591025W082004999E0010001722     NARLAKELAND

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BEZDU K70    W     N27553905W081541905                    W0052    NAR          BEZDU
        SUSAEAENRT   NOSTE K70    W     N28014431W081472821                    W0053    NAR          NOSTE
        SUSAEAENRT   PLUMY K70    C   L N28101523W082074994                    W0051    NAR          PLUMY
        SUSAEAENRT   RELNE K70    W     N27595872W081492710                    W0053    NAR          RELNE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGIFK7AGIF     0     050YHN28034650W081451190W004000145        1800018000C    MNAR    WINTER HAVEN'S GILBERT

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGIFK7FR05   ALAL   010LAL  K7D 0V  A    IF                                                 18000                B JS
        SUSAP KGIFK7FR05   ALAL   020BEZDUK7EA0EE B 010TF                    12530068    + 02000                                B JS
        SUSAP KGIFK7FR05   R      010BEZDUK7EA0E  I    IF                               + 02000     18000                      B JS
        SUSAP KGIFK7FR05   R      020RELNEK7EA1E  F 051TF                    04890061    + 01800                 RW05  K7PGB JS
        SUSAP KGIFK7FR05   R      020RELNEK7EA2WN          N          ALNAV                                                  JS
        SUSAP KGIFK7FR05   R      021NOSTEK7EA0E S  031TF                    04900025    V 0098001004        -304           B JS
        SUSAP KGIFK7FR05   R      030RW05 K7PG0GY M 031TF                    04900025      00192             -304           B JS
        SUSAP KGIFK7FR05   R      040         0  M  010CA                    0490        + 00545                          B JS
        SUSAP KGIFK7FR05   R      050PLUMYK7EA0EY  L010DF                               + 02000                          B JS
        SUSAP KGIFK7FR05   R      060PLUMYK7EA0EE  R020HM                    24100040    + 02000                          B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGIFK7GRW05    0050060490 N28033069W081452835+0000    +0016500142000050100R
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CITY AND STATE	ELEVATION: 145 TDZE: 145	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4
WINTER HAVEN, FL	AIRPORT NAME: WINTER HAVEN'S GILBERT	RNAV	RNAV (GPS) RWY 5, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED: 10/03/2002

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGIFK7SRW05 K7PG              0   18018002325                                                          M
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CITY AND STATE	ELEVATION: 145 TDZE: 145	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 4
WINTER HAVEN, FL	AIRPORT NAME: WINTER HAVEN'S GILBERT	RNAV	RNAV (GPS) RWY 5, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 10/03/2002

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 5, 11 STANDARD.
RWY 23, 300-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 325 FEET PER NM TO 500.
RWY 29, STANDARD WITH MINIMUM CLIMB OF 250 FEET PER NM TO 700, OR 900-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 29 - FOR CLIMB IN VISUAL CONDITIONS, CROSS WINTER HAVEN'S GILBERT FIELD AT OR ABOVE 900 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 55' FROM DER, 340' LEFT OF CENTERLINE, UP TO 62'AGL/196' MSL. TREES 207' FROM DER, 465' RIGHT OF CENTERLINE, UP TO 40'AGL/155' MSL. VEHICLES ON ROADWAY, 227' FROM DER, 346' LEFT OF CENTERLINE, UP TO 17' AGL/151' MSL. TREES BEGINNING 1712' FROM DER, 75' LEFT OF CENTERLINE, UP TO 81' AGL/200' MSL.
NOTE: RWY 11, TREES BEGINNING 72' FROM DER, 330' LEFT OF CENTERLINE, UP TO 67' AGL/187' MSL. VEHICLES ON ROADWAY 214' FROM DER, 277' RIGHT OF CENTERLINE, UP TO 17' AGL/155' MSL. TREES BEGINNING 445' FROM DER, 363' RIGHT OF CENTERLINE, UP TO 82'AGL/203' MSL. (CONT'D)

(4) CONTROLLING OBSTACLES:

RWY 23: 328 TANK 280241.00N-0814609.00W
RWY 29: 457 TOWER 280352.00N-0814756.00W
VCOA: 675 TOWER 280508.40N-0814916.74W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
WINTER HAVEN, FL	WINTER HAVEN'S GILBERT	29 JUL 2010	1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A)

FLIGHT STANDARDS SERVICE

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

3) TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 23, TREES BEGINNING 176' FROM DER, 345' LEFT OF CENTERLINE, UP TO 99' AGL/221' MSL. TANK 1.0 NM FROM DER, 972' LEFT OF CENTERLINE, 176' AGL/328' MSL.
NOTE: RWY 29, TREES BEGINNING 75' FROM DER, 283' LEFT OF CENTERLINE, UP TO 59' AGL/187' MSL. TREES BEGINNING 182' FROM DER, 284' RIGHT OF CENTERLINE, UP TO 59' AGL/184' MSL. TOWER 2.0 NM FROM DER, 2511' LEFT OF CENTERLINE, 310' AGL/457' MSL.

City, State	Airport	Effective Date	Amdt. No.
WINTER HAVEN, FL	**WINTER HAVEN'S GILBERT**	29 JUL 2010	**1**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 7, STANDARD.

RWY 25, 400 - 2.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, TREES BEGINNING 438' FROM DER, 8' RIGHT OF CENTERLINE, UP TO 100' AGL/759' MSL. VEHICLE ON ROADWAY 485' FROM DER, 603' LEFT OF CENTERLINE, 15' AGL/714' MSL. TRAIN ON TRACKS 623' FROM DER, 661' LEFT OF CENTERLINE, 23' AGL/722' MSL. TREES BEGINNING 624' FROM DER, 36' LEFT OF CENTERLINE, UP TO 100' AGL/779' MSL.

NOTE: RWY 25, VEHICLE ON ROAD, 7' FROM DER, 318' RIGHT OF CENTERLINE, 15' AGL/695' MSL. TREES 2555' FROM DER, 208' RIGHT OF CENTERLINE, UP TO 100' AGL/779' MSL. VEHICLE ON ROADWAY, 86' FROM DER, 190' LEFT OF CENTERLINE, 15' AGL/690' MSL. TREES 96' FROM DER, 76' LEFT OF CENTERLINE, UP TO 100' AGL/799' MSL. WATER TOWER 2396' FROM DER, 1070' LEFT OF CENTERLINE, 199' AGL/870' MSL.

(4) CONTROLLING OBSTACLES:

RWY 25: 870 MSL TOWER 333520.92N-0830906.95W.

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GREENSBORO, GA	GREENE COUNTY REGIONAL	29 JUL 2010	3

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HNL VORTAC	EWABE LOM	267.52 / 6.71	4000
ALANA INT/HNL 13.94 DME CW (IAF)	CIGEP/HNL 13.94 DME/RADAR (NOPT)	13.94 DME ARC (HNL LR-254)	4200
SELIC/HNL 15.59 DME/RADAR (IAF)	CIGEP/HNL 13.94 DME/RADAR (NOPT)	079.00 / 1.66 (I-HNL)	4200
CIGEP/HNL 13.94 DME/RADAR (IF)	FEGTU/HNL 7.80 DME/RADAR	079.00 / 6.17 (I-HNL)	2300
FEGTU/HNL 7.80 DME/RADAR	EWABE LOM/HNL 6.71 DME/RADAR	079.00 / 1.10 (I-HNL)	2000

MISSED APPROACH

MAP: 5.92 MILES AFTER EWABE LOM/HNL 6.71 DME/RADAR

CLIMBING RIGHT TURN TO 5000 VIA HEADING 200 AND HNL VORTAC R-171 TO ALANA INT/HNL 13.94 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 351.00 INBOUND.
FAS OBST: 208 SHIP 211933N/1575805W
CHART HNL R-171 AT ALANA.
EWABE LOM TO RW8L: 3.06/65.
CHART: MAX 6000 AT EWABE LOM

1. PT L SIDE OF COURSE 259.00 OUTBOUND 3900 FT WITHIN 10 MILES OF EWABE LOM (IAF)
2.
3. FAC 079.00 FAF EWABE LOM/HNL 6.71 DME/RADAR DIST FAF TO MAP 5.92 THLD 5.92
4. MIN. ALT FEGTU 2300, EWABE LOM/HNL 6.71 DME/RADAR 2000
8. MSA FROM: HN LOM 360-180 4400, 180-270 3900, 270-360 5300

MAG VAR: 11E EPOCH YEAR:1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-8L	460	1/2	447	460	1/2	447	460	3/4	447	460	1	447			
CIRCLING	620	1	607	620	1	607	620	1 3/4	607	820	2 1/2	807			

NOTES:

CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ALANA VIA V16 EASTBOUND.
CHART NOTE: CIRCLING NA FOR CATS A, B, AND C NORTHWEST OF RWYS 8L AND 22R. CIRCLING NA FOR CAT D NORTH OF RWY 8L-26R.
CHART NOTE: DME FROM HNL VORTAC. SIMULTANEOUS RECEPTION OF I-HNL AND HNL DME REQUIRED.

@ CAT D 900-2 1/2

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 13 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
HONOLULU, HI	AIRPORT NAME: HONOLULU INTL	I-HNL	LOC RWY 8L, ORIG-A 29 JUL 2010	AMDT ORIG
				DATE 06/03/2010

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WEST UNION, IA	**ELEVATION: 1232 TDZE: 1232** AIRPORT NAME: **GEORGE L SCOTT MUNI**	**GPS**	**GPS RWY 17, ORIG 7/15/99**	SUP AMDT **NONE** DATE

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

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WEST UNION, IA	**ELEVATION: 1232 TDZE: 1231** AIRPORT NAME: **GEORGE L SCOTT MUNI**	**GPS**	**GPS RWY 35, ORIG, 07/15/1999**	SUP AMDT **NONE** DATE

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UKN VORTAC	ETROY (FB)	231.34 / 9.49	3000
FOYDE	OKZEF (FB)	090.59 / 24.73	3000
OKZEF (IAF)	CADJU (NOPT) (FB)	080.60 / 5.00	3000
ETROY (IAF)	CADJU (NOPT) (FB)	260.76 / 5.00	3000
CADJU (IF/IAF)	AKTOY (FB)	170.68 / 6.10	2900

MISSED APPROACH

LNAV: RW17

CLIMB TO 3000 DIRECT KIRTS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 350.72 INBOUND.
CHART FAS OBST: 1359 TREE 430016N/0914802W
AKTOY TO RW17: 3.04/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N CADJU, RT, 170.68 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 170.69 FAF: AKTOY DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: CADJU 3000, AKTOY 2900
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: RW17 3200

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1620	1	388	1620	1	388	1620	1	388		NA				
CIRCLING	1740	1	508	1740	1	508	1740	1 1/2	508		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CAT C VISIBILITY 1/2 MILE AND CIRCLING CAT C
SEE 8260-10

CITY AND STATE	ELEVATION: 1232 TDZE: 1232	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: GEORGE L SCOTT MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT UNK VORTAC ON V77 NORTHEAST BOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST UNION, IA	**ELEVATION: 1232 TDZE: 1232** AIRPORT NAME: **GEORGE L SCOTT MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        UKN   K3011660VTL  N43164831W091321450    N43164831W091321450E0050012881     NARWAUKON

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AKTOY K30    W     N43042631W091482210                    W0002     NAR          AKTOY
          SUSAEAENRT   CADJU K30    W     N43102963W091492578                    W0002     NAR          CADJU
          SUSAEAENRT   ETROY K30    W     N43110766W091423906                    W0003     NAR          ETROY
          SUSAEAENRT   FOYDE K30    C   L N43110332W092295742                    E0004     NAR          FOYDE
          SUSAEAENRT   KIRTS K30    W     N42473637W091452617                    W0002     NAR          KIRTS
          SUSAEAENRT   OKZEF K30    W     N43095120W091561236                    W0001     NAR          OKZEF

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 3Y2 K3A3Y2     0     042YHN42590632W091472618E002001232        1800018000C    MNAR    GEORGE L SCOTT MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 3Y2 K3FR17   ACADJU 010CADJUK3EA0EE AR   HF                    17070040    + 03000     18000                B JS
          SUSAP 3Y2 K3FR17   AFOYDE 010FOYDEK3EA0E       IF                                        18000                B JS
          SUSAP 3Y2 K3FR17   AFOYDE 020OKZEFK3EA0E  A 020TF                    09060247    + 03000                          B JS
          SUSAP 3Y2 K3FR17   AFOYDE 030CADJUK3EA0EE B 010TF                    08060050    + 03000                          B JS
          SUSAP 3Y2 K3FR17   AUKN   010UKN  K3D 0V       IF                                        18000                B JS
          SUSAP 3Y2 K3FR17   AUKN   020ETROYK3EA0E  A 020TF                    23130095    + 03000                          B JS
          SUSAP 3Y2 K3FR17   AUKN   030CADJUK3EA0EE B 010TF                    26080050    + 03000                          B JS
          SUSAP 3Y2 K3FR17   R      010CADJUK3EA0E  I    IF                                 + 03000     18000                B JS
          SUSAP 3Y2 K3FR17   R      020AKTOYK3EA1E  F 051TF                    17070061    + 02900                RW17  K3PGB JS
          SUSAP 3Y2 K3FR17   R      020AKTOYK3EA2WN          N          ALNAV                                                JS
          SUSAP 3Y2 K3FR17   R      030RW17 K3PG0GY M 031TF                    17070050      01277                -304      B JS
          SUSAP 3Y2 K3FR17   R      040          0  M  010CA                   1707        + 01620                          B JS
          SUSAP 3Y2 K3FR17   R      050KIRTSK3EA0EY   010DF                              + 03000                          B JS
          SUSAP 3Y2 K3FR17   R      060KIRTSK3EA0EE  R020HM                    35070040    + 03000                          B JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1232 TDZE: 1232	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: GEORGE L SCOTT MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3GRW17     0042481707 N42592711W091472982-0900     +0345001232000045060R

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3SRW17 K3PG               0    18018003225                                                                  M
```

CITY AND STATE	ELEVATION: 1232 TDZE: 1232	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: **GEORGE L SCOTT MUNI**	**RNAV**	**RNAV (GPS) RWY 17, ORIG** 29 JUL 2010	AMDT: **NONE**
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ALO VORTAC	HOWEE (FB)	057.74 / 27.08	3000
CASSY	MESTO (FB)	275.66 / 27.45	3000
HOWEE (IAF)	KIRTS (NOPT) (FB)	080.64 / 5.00	3000
MESTO (IAF)	KIRTS (NOPT) (FB)	260.80 / 5.00	3000
KIRTS (IF/IAF)	GEZUM (FB)	350.72 / 6.09	2900

MISSED APPROACH

LNAV: RW35

CLIMB TO 3000 DIRECT CADJU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 170.68 INBOUND.
FAS OBST: 1409 AAO 425453N/0914744W
GEZUM TO RW35: 3.04/43.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S KIRTS, RT, 350.72 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 350.71 FAF: GEZUM DIST FAF TO MAP: 5.15 THLD: 5.15
4. MIN. ALT: KIRTS 3000, GEZUM 2900
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: RW35 3200

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1660	1	429	1660	1	429	1660	1 1/4	429		NA				
CIRCLING	1740	1	508	1740	1	508	1740	1 1/2	508		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET; INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
SEE 8260-10

CITY AND STATE	ELEVATION: 1232 TDZE: 1231	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: GEORGE L SCOTT MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 29 JUL 2010	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES CONT.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CASSY ON V246 SOUTHEAST BOUND, AND FOR ARRIVAL AT ALO VORTAC ON AIRWAY RADIALS 035 CW 090.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1232 TDZE: 1231	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: **GEORGE L SCOTT MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** 29 JUL 2010	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
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        ALO   K3011220VTHA N42332340W092235620    N42332340W092235620E0060008652     NARWATERLOO

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CADJU K30    W     N43102963W091492578                        W0002     NAR          CADJU
        SUSAEAENRT   CASSY K50    C   L N42444073W091014486                        W0008     NAR          CASSY
        SUSAEAENRT   GEZUM K30    W     N42533920W091462919                        W0002     NAR          GEZUM
        SUSAEAENRT   HOWEE K30    W     N42465815W091521028                        W0001     NAR          HOWEE
        SUSAEAENRT   KIRTS K30    W     N42473637W091452617                        W0002     NAR          KIRTS
        SUSAEAENRT   MESTO K30    W     N42481420W091384192                        W0003     NAR          MESTO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3A3Y2     0     042YHN42590632W091472618E002001232        1800018000C    MNAR    GEORGE L SCOTT MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3FR35   AALO   010ALO  K3D 0V       IF                                                18000                B JS
        SUSAP 3Y2 K3FR35   AALO   020HOWEEK3EA0E  A 020TF                    05770271    + 03000                                B JS
        SUSAP 3Y2 K3FR35   AALO   030KIRTSK3EA0EE B 010TF                    08060050    + 03000                                B JS
        SUSAP 3Y2 K3FR35   ACASSY 010CASSYK5EA0E       IF                                                18000                B JS
        SUSAP 3Y2 K3FR35   ACASSY 020MESTOK3EA0E  A 020TF                    27570275    + 03000                                B JS
        SUSAP 3Y2 K3FR35   ACASSY 030KIRTSK3EA0EE B 010TF                    26080050    + 03000                                B JS
        SUSAP 3Y2 K3FR35   AKIRTS 010KIRTSK3EA0EE AR   HF                    35070040    + 03000     18000                      B JS
        SUSAP 3Y2 K3FR35   R      010KIRTSK3EA0E  I    IF                                + 03000     18000                      B JS
        SUSAP 3Y2 K3FR35   R      020GEZUMK3EA1E  F 051TF                    35070061    + 02900                 RW35  K3PGB JS
        SUSAP 3Y2 K3FR35   R      020GEZUMK3EA2WN          N          ALNAV                                                  JS
        SUSAP 3Y2 K3FR35   R      030RW35 K3PG0GY M 031TF                    35070052      01238                -304          B JS
        SUSAP 3Y2 K3FR35   R      040         0  M  010CA                    3507        + 01632                             B JS
        SUSAP 3Y2 K3FR35   R      050CADJUK3EA0EY   010DF                               + 03000                             B JS
        SUSAP 3Y2 K3FR35   R      060CADJUK3EA0EE  R020HM                    17070040    + 03000                             B JS
```

CITY AND STATE	ELEVATION: 1232 TDZE: 1231	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: **GEORGE L SCOTT MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3GRW35     0042483507 N42584550W091472256+0900     +033370119500004306OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 3Y2 K3SRW35 K3PG               0    18018003225                                                                   M
```

CITY AND STATE	ELEVATION: 1232 TDZE: 1231	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST UNION, IA	AIRPORT NAME: GEORGE L SCOTT MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 29 JUL 2010	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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREE 912' FROM DER, 114' LEFT OF CENTERLINE, 100' AGL/1259' MSL. TREE 3265' FROM DER, 554' LEFT OF CENTERLINE, 100' AGL/1309' MSL

NOTE: RWY 35, TREE 750' FROM DER, 160' LEFT OF CENTERLINE, 100' AGL/1349' MSL. VEHICLE ON ROAD, 990' FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 15' AGL/1264' MSL. TREE 2296' FROM DER, 382' RIGHT OF CENTERLINE, 100' AGL/1309' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
WEST UNION, IA	GEORGE L SCOTT MUNI	29 JUL 2010	2

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UKN VORTAC (IAF)	**HOTOD/UKN 9.00 DME**	**207.00 / 9.00**	**2800**
HOTOD/UKN 9.00 DME (IF)	**FINEY/UKN 16.00 DME**	**207.00 / 7.00 (UKN R-207)**	**2800**

MISSED APPROACH

MAP: MAGJU/UKN 20.63 DME

CLIMB TO 2800 THEN RIGHT TURN VIA HEADING 060 AND UKN R-207 TO FINEY/UKN 16.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 207.00 INBOUND.
CHART FAS OBST: 1359 TREE 430009N/0914800W
FAC CROSSES MID POINT OF RWY 17-35.

1. PT **NA** SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT HOTOD**
3. FAC **207.00** FAP **FINEY/UKN 16.00 DME** DIST FAP TO MAP ____ THLD ____
4. MIN. ALT **HOTOD 2800, FINEY 2800**
8. MSA FROM: **UKN VORTAC 2800**

MAG VAR: **5E** EPOCH YEAR: **1965**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	**1740**	**1**	**508**	**1740**	**1 1/4**	**508**	**1740**	**1 1/2**	**508**		**NA**				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE WATERLOO ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET AND INCREASE CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT UNK VORTAC ON AIRWAY RADIALS 216 CW 258.

CITY AND STATE	ELEVATION: 1232 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP / AMDT / DATE
WEST UNION, IA	**GEORGE L SCOTT MUNI**	**UKN**	**VOR/DME-A, AMDT 4** 29 JUL 2010	SUP **VOR/DME OR GPS-A** / AMDT **3** / DATE **08/25/1988**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BELLEVILLE, IL	**ELEVATION: 459 TDZE: 442** AIRPORT NAME: **SCOTT AFB/MIDAMERICA**	**GPS**	**GPS RWY 14L, ORIG-B, 01/15/2009**	SUP AMDT **ORIG-A** DATE **09/11/1997**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 459 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
BELLEVILLE, IL	**SCOTT AFB/MIDAMERICA**	**GPS**	**GPS RWY 32R, ORIG-B, 01/15/2009**	AMDT	**ORIG-A**
				DATE	**11/17/1999**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TOY VORTAC (IAF)	BALLY (FB)	227.81 / 4.65	2100
BALLY (IF)	OFAFY (FB)	134.45 / 6.01	2100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14L

CLIMB TO 2300 DIRECT JIRUB AND ON TRACK 099.38 TO DUTMY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 279.48 INBOUND.
CHART FAS OBST: 619 TREE 383336N/0895101W
CHART 729 TANK 383535N/0895346W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.21 MILES TO RW14L* *LNAV ONLY.
WAAS CHANNEL # 58218
REFERENCE PATH ID: W14A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BALLY
3. FAC: 134.50 FAF: OFAFY DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: BALLY 2100, OFAFY 2100, DMJPS/3.50 NM TO RW14L 1620*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: OFAFY 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.9 34:1 IS NOT CLEAR
8. MSA FROM: RW14L 2700

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	642	4000	200	642	4000	200	642	4000	200	642	4000	200			
LNAV/VNAV DA	934	1 3/4	492	934	1 3/4	492	934	1 3/4	492	934	1 3/4	492			
LNAV MDA	900	5000	458	900	5000	458	900	6000	458	900	1 1/2	458			
CIRCLING	1000	1	541	1060	1	601	1060	1 3/4	601	1240	2 1/2	781			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

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

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BELLEVILLE, IL	ELEVATION: 459 TDZE: 442 SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 14L, ORIG 29 JUL 2010	SUP: AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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: BARO-VNAV AND VDP NA WHEN USING ST LOUIS DOWNTOWN ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON TOY VORTAC AIRWAY RADIALS 189 CW 282.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA 42 FT AND ALL MDA 60 FT, INCREASE LNAV CATS C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: **SCOTT AFB/MIDAMERICA**	**RNAV**	**RNAV (GPS) RWY 14L, ORIG** 29 JUL 2010	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	KBLV
RUNWAY	RW14L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	383322.3140N
LTP/FTP LONGITUDE	0895000.5855W
LTP/FTP ELLIPSOIDAL HEIGHT	+01039
FPAP LATITUDE	383210.4500N
FPAP LONGITUDE	0894833.9300W
THRESHOLD CROSSING HEIGHT (TCH)	00054.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.00
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	BDA64096

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01345
FPAP ORTHOMETRIC HEIGHT	+01345

QUALITY CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 14L, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        TOY   K5011600VTLW N38442097W089550706    N38442097W089550706E0040005701     NARTROY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BALLY K50    W     N38412067W089593924                      W0010     NAR           BALLY
        SUSAEAENRT   DMJPS K50    W     N38355488W089530481                      W0011     NAR           DMJPS
        SUSAEAENRT   DUTMY K50    C   L N38290149W089334522                      W0014     NAR           DUTMY
        SUSAEAENRT   JIRUB K50    W     N38311165W089472309                      W0012     NAR           JIRUB
        SUSAEAENRT   OFAFY K50    W     N38365882W089542211                      W0011     NAR           OFAFY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBLVK5ABLV     0     100YHN38324260W089500670E002000459         1800018000C    MNAR    SCOTT AFB/MIDAMERICA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBLVK5FR14L  ATOY   010TOY  K5D 0V  A    IF                                                  18000                A JS
        SUSAP KBLVK5FR14L  ATOY   020BALLYK5EA0EE B 010TF                    22780047    + 02100                                A JS
        SUSAP KBLVK5FR14L  R      010BALLYK5EA0E  I    IF                                + 02100     18000                      A JS
        SUSAP KBLVK5FR14L  R      020OFAFYK5EA1E  F 051TF                    13450060    + 02100                 RW14L K5PGA JS
        SUSAP KBLVK5FR14L  R      020OFAFYK5EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KBLVK5FR14L  R      021DMJPSK5EA0E S  031TF                    13450015    V 0162001623        -300            A JS
        SUSAP KBLVK5FR14L  R      030RW14LK5PG0GY M 031TF                    13450035      00496             -300            A JS
        SUSAP KBLVK5FR14L  R      040          0  M  010CA                   1345        + 00642                           A JS
        SUSAP KBLVK5FR14L  R      050JIRUBK5EA0E     010DF                                                                  A JS
        SUSAP KBLVK5FR14L  R      060DUTMYK5EA0EY    010TF                   0994        + 02300                           A JS
        SUSAP KBLVK5FR14L  R      070DUTMYK5EA0EE  R020HM                    27950050    + 02300                           A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBLVK5GRW14L   0100001346 N38332231W089500059+0000     +01039004410000551501
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 14L, ORIG 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBLVK5PR14L  RW14L001 0000W14A0N3833223140W08950005855+010390300N3832104500W089483393001070000080D0549F400350BDA64096
        SUSAP KBLVK5PR14L  RW14L002E      +01345+01345LPV       58218

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBLVK5SRW14LK5PG              0   18018002725                                                                  M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 14L, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
COFEY (IAF)	OJAMO (FB)	224.74 / 7.01	2200
OJAMO (IF)	AFEBE (FB)	314.67 / 6.01	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32R

CLIMB TO 2300 DIRECT MADDT AND RIGHT TURN ON TRACK 074.48 TO JIKMO AND ON TRACK 140.66 TO COFEY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 279.48 INBOUND.
CHART FAS OBST: 534 TREE 383152N/0894842W
CHART FAS OBST: 579 TREE 383050N/0894602W
DISTANCE TO THLD FROM 200 HAT: 0.46 NM.
CHART VDP AT 1.03 MILES TO RW32R* *LNAV ONLY.
WAAS CHANNEL # 50518
REFERENCE PATH ID: W32A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OJAMO
3. FAC: 314.62 FAF: AFEBE DIST FAF TO MAP: 5.27 THLD: 5.27
4. MIN. ALT: OJAMO 2200, AFEBE 2200, ENRRN/3.00 NM TO RW32R 1460*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: AFEBE 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.1 34:1 IS CLEAR
8. MSA FROM: RW32R 2700

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	642	1/2	200	642	1/2	200	642	1/2	200	642	1/2	200			
LNAV/VNAV DA	804	3/4	362	804	3/4	362	804	3/4	362	804	3/4	362			
LNAV MDA	840	1/2	398	840	1/2	398	840	1/2	398	840	1	398			
CIRCLING	1000	1	541	1060	1	601	1060	1 3/4	601	1240	2 1/2	781			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT D VISIBILITY TO 1 1/4.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 32R, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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: PROCEDURE NA FOR ARRIVALS AT COFEY ON V44 EASTBOUND.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING ST LOUIS DOWNTOWN ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST LOUIS DOWNTOWN ALTIMETER SETTING AND INCREASE ALL DA 42 FT AND ALL MDA 60 FT, INCREASE LNAV/VNAV ALL CATS, LNAV CAT C AND CIRCLING CAT D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BELLEVILLE, IL	**ELEVATION: 459 TDZE: 442** AIRPORT NAME: **SCOTT AFB/MIDAMERICA**	**RNAV**	**RNAV (GPS) RWY 32R, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBLV
RUNWAY	RW32R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	383210.5430N
LTP/FTP LONGITUDE	0894834.0410W
LTP/FTP ELLIPSOIDAL HEIGHT	+01040
FPAP LATITUDE	383322.3900N
FPAP LONGITUDE	0895000.6700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B094C382

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01346
FPAP ORTHOMETRIC HEIGHT	+01346

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 32R, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AFEBE K50    W     N38282051W089435715                    W0012     NAR           AFEBE
          SUSAEAENRT   COFEY K50    C   L N38284693W089321244                    W0014     NAR           COFEY
          SUSAEAENRT   ENRRN K50    W     N38295966W089455641                    W0012     NAR           ENRRN
          SUSAEAENRT   JIKMO K50    W     N38411456W089441742                    W0012     NAR           JIKMO
          SUSAEAENRT   MADDT K50    W     N38385481W089564247                    W0011     NAR           MADDT
          SUSAEAENRT   OJAMO K50    W     N38235811W089384217                    W0013     NAR           OJAMO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBLVK5ABLV     0     100YHN38324260W089500670E002000459         1800018000C    MNAR    SCOTT AFB/MIDAMERICA

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBLVK5FR32R  ACOFEY 010COFEYK5EA0E  A    IF                                          18000                A JS
          SUSAP KBLVK5FR32R  ACOFEY 020OJAMOK5EA0EE B 010TF                    22470070    + 02200                      A JS
          SUSAP KBLVK5FR32R  R      010OJAMOK5EA0E  I    IF                               + 02200    18000             A JS
          SUSAP KBLVK5FR32R  R      020AFEBEK5EA1E  F 051TF                    31470060    + 02200                RW32R K5PGA JS
          SUSAP KBLVK5FR32R  R      020AFEBEK5EA2WALPV       ALNAV/VNAV ALNAV                                             JS
          SUSAP KBLVK5FR32R  R      021ENRRNK5EA0E S  031TF                    31460023    V 0146001461       -300      A JS
          SUSAP KBLVK5FR32R  R      030RW32RK5PG0GY M 031TF                    31460030      00497            -300      A JS
          SUSAP KBLVK5FR32R  R      040         0  M  010CA                    3146        + 00642                    A JS
          SUSAP KBLVK5FR32R  R      050MADDTK5EA0E    010DF                                                           A JS
          SUSAP KBLVK5FR32R  R      060JIKMOK5EA0E   R010TFY                   0745                                     A JS
          SUSAP KBLVK5FR32R  R      070COFEYK5EA0EY   010TF                    1407        + 02300                      A JS
          SUSAP KBLVK5FR32R  R      080COFEYK5EA0EE  R020HM                    27950050    + 02300                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBLVK5GRW32R   0100003146 N38321054W089483404+0000    +01040004420000551501
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 459 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, IL	AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 32R, ORIG 29 JUL 2010	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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KBLVK5PR32R  RW32R001 0000W32A0N3832105430W08948340410+010400300N3833223900W089500067001067500000000551F400350B094C382
    SUSAP KBLVK5PR32R  RW32R002E      +01346+01346LPV       50518

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KBLVK5SRW32RK5PG              0   18018002725                                                                  M
```

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
BELLEVILLE, IL	ELEVATION: 459 TDZE: 442 AIRPORT NAME: SCOTT AFB/MIDAMERICA	RNAV	RNAV (GPS) RWY 32R, ORIG 29 JUL 2010	SUP: 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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 18, 36 NA – ENVIRONMENTAL.
RWY 4, 22 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, TANK 4010 FT FROM DER, 1464 FT RIGHT OF CENTERLINE, 140 FT AGL/785 FT MSL. VEHICLE ON ROAD 651 FT FROM DER, 539 FT RIGHT OF CENTERLINE, 15 FT AGL/671 FT MSL. TREES 998 FT FROM DER, 463 FT RIGHT OF CENTERLINE, 100 FT AGL/756 FT MSL.
NOTE: RWY 22, VEHICLE ON ROAD 255 FT FROM DER, 399 FT LEFT OF CENTERLINE, 15 FT AGL/671 FT MSL. TREES 2297 FT FROM DER, 766 FT RIGHT OF CENTERLINE, 100 FT AGL/756 FT MSL.

(4) CONTROLLING OBSTACLES:

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
CASEY, IL	CASEY MUNI	29 JUL 2010	4

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JOT VORTAC (IAF)	BOMER INT/JOLIET 9.91 DME	359.08 / 9.91	3000
BOMER INT/JOLIET 9.91 DME (IF)	SPNCE OM/INT	015.01 / 6.10 (I-GVK)	2500

MISSED APPROACH

ILS: DA
LOC: 5.17 MILES AFTER SPNCE OM INT

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 DIRECT DPA VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000; OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 210 AND ON JOT VORTAC R-347 TO VAINS INT/JOT 13.01 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 068.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N VAINS INT/JOT 13.01 DME, RT, 167.38 INBOUND.
CHART FAS OBST: 980 BLDG 415017N/0881542W
CHART 1187 TOWER 414827N/0881607W.
CHART 1175 TOWER 414831N/0881612W.
CHART IN PLANVIEW: VAINS INT/JOT 13.01 DME.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT JOT VORTAC
3. FAC: 015.01 FAF: SPNCE OM/INT DIST FAF TO MAP: 5.17 THLD: 5.17
4. MIN. ALT: JOT VORTAC 3000, BOMER 3000, SPNCE OM 2500
5. DIST TO THLD FROM OM: 5.17 MM: 0.41 IM: - 150 HAT: - 100 HAT: - GS ANT: 935
6. MIN GS INCPT: 2500 GS ALT AT: GS INTCP OM: 2472 MM: 932 IM: -
7. GS ANGLE: 3.00 TCH: 49.7
8. MSA FROM: DPA VOR/DME 2600

MAG VAR: 1W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 2L	954	1/2	200	954	1/2	200	954	1/2	200	954	1/2	200			
S-LOC 2L	1400	1/2	646	1400	1/2	646	1400	1 1/4	646	1400	1 1/2	646			
CIRCLING	1400	1	641	1400	1	641	1400	1 3/4	641	1400	2	641			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL DA 37 FEET AND ALL MDA 40 FEET. INCREASE S-LOC 2L AND CIRCLING CATS C, D VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 759 TDZE: 754	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 2L
CHICAGO/WEST CHICAGO, IL	AIRPORT NAME: DUPAGE	I-GVK	ILS OR LOC RWY 2L, AMDT 2 29 JUL 2010	AMDT: 1B DATED 09/05/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DPA VOR/DME	NUMIZ (FO)	290.26 / 7.85	2600
NUELG (IAF)	NUMIZ (NOPT) (FB)	117.17 / 7.00	2600
HINCK (IAF)	NUMIZ (NOPT) (FB)	048.70 / 9.70	2600
NUMIZ (IF/IAF)	HOSAV (FB)	096.84 / 6.02	2600

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

CLIMB TO 2600 DIRECT PEPRE AND RIGHT TURN ON TRACK 204.03 TO JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 317.19 INBOUND.
CHART FAS OBST: 929 TOWER 415424N/0881642W
DISTANCE TO THLD FROM 200 HAT: 0.48 NM.
CHART VDP AT 1.18 MILES TO RW10* *LNAV ONLY.
WAAS CHANNEL # 53618
REFERENCE PATH ID: W10A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W NUMIZ, RT, 096.84 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 096.93 FAF: HOSAV DIST FAF TO MAP: 5.56 THLD: 5.56
4. MIN. ALT: NUMIZ 2600, HOSAV 2600, KOHYO/1.90 NM TO RW10 1400*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: HOSAV 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.3 34:1 IS CLEAR
8. MSA FROM: RW10 3400

MAG VAR: 1W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	956	3/4	200	956	3/4	200	956	3/4	200	956	3/4	200			
LNAV/VNAV DA	1244	1 3/4	488	1244	1 3/4	488	1244	1 3/4	488	1244	1 3/4	488			
LNAV MDA	1180	1	424	1180	1	424	1180	1 1/4	424	1180	1 1/4	424			
CIRCLING	1260	1	501	1260	1	501	1360	1 3/4	601	1360	2	601			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE
SEE 8260-10

CHECKED

CITY AND STATE	AIRPORT NAME	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE	
CHICAGO/WEST CHICAGO, IL	ELEVATION: 759 TDZE: 756 DUPAGE	RNAV	RNAV (GPS) RWY 10, ORIG 29 JUL 2010	SUP: AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
ALL DA 37 FEET AND ALL MDA 40 FEET, INCREASE LNAV CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING AURORA ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
CHICAGO/WEST CHICAGO, IL	**ELEVATION: 759 TDZE: 756** AIRPORT NAME: **DUPAGE**	**RNAV**	**RNAV (GPS) RWY 10, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDPA
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	415448.5205N
LTP/FTP LONGITUDE	0881530.5520W
LTP/FTP ELLIPSOIDAL HEIGHT	+01964
FPAP LATITUDE	415443.6000N
FPAP LONGITUDE	0881428.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00050.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	80.00
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	BD59B7EB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02296
FPAP ORTHOMETRIC HEIGHT	+02296

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAD        DPA   K5010840VDL  N41532530W088210062    N41532530W088210062E0020008381     NARDUPAGE                    G
       SUSAD        JOT   K5011230VTH  N41324710W088190628    N41324710W088190628E0020005922     NARJOLIET                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   HINCK K50    C   L N41492862W088403337                    W0026     NAR          HINCK                    G
       SUSAEAENRT   HOSAV K50    W     N41552320W088225460                    W0029     NAR          HOSAV                    G
       SUSAEAENRT   KOHYO K50    W     N41550043W088180241                    W0029     NAR          KOHYO                    G
       SUSAEAENRT   NUELG K50    C   L N41590590W088392151                    W0027     NAR          NUELG                    G
       SUSAEAENRT   NUMIZ K50    W     N41560026W088305634                    W0028     NAR          NUMIZ                    G
       SUSAEAENRT   PEPRE K50    W     N41540820W088070175                    W0031     NAR          PEPRE                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KDPAK5ADPA      0     075YHN41542500W088145353W001000759         1800018000C    MNAR    DUPAGE                    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KDPAK5FR10   ADPA   010DPA  K5D 0V       IF                                                18000                A JS   G
       SUSAP KDPAK5FR10   ADPA   020NUMIZK5EA0EY   020TF                    29030079    + 02600                               A JS   G
       SUSAP KDPAK5FR10   ADPA   030NUMIZK5EA0EE AR   HF                    09680040    + 02600                               A JS   G
       SUSAP KDPAK5FR10   AHINCK 010HINCKK5EA0E  A    IF                                                18000                A JS   G
       SUSAP KDPAK5FR10   AHINCK 020NUMIZK5EA0EE B 010TF                    04870097    + 02600                               A JS   G
       SUSAP KDPAK5FR10   ANUELG 010NUELGK5EA0E  A    IF                                                18000                A JS   G
       SUSAP KDPAK5FR10   ANUELG 020NUMIZK5EA0EE B 010TF                    11720070    + 02600                               A JS   G
       SUSAP KDPAK5FR10   R      010NUMIZK5EA0E  I    IF                                + 02600         18000                A JS   G
       SUSAP KDPAK5FR10   R      020HOSAVK5EA1E  F 051TF                    09680060    + 02600                    RW10  K5PGA JS   G
       SUSAP KDPAK5FR10   R      020HOSAVK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS   G
       SUSAP KDPAK5FR10   R      021KOHYOK5EA0E S  031TF                    09690037    V 0140001412        -300                A JS   G
       SUSAP KDPAK5FR10   R      030RW10 K5PGOGY M 031TF                    09690019      00804             -300                A JS   G
       SUSAP KDPAK5FR10   R      040         0  M  010CA                    0969        + 00956                               A JS   G
       SUSAP KDPAK5FR10   R      050PEPREK5EA0E    010DF                                                                       A JS   G
       SUSAP KDPAK5FR10   R      060JOT  K5D 0VY  R010TFY                    2040        + 02600                               A JS   G
```

CITY AND STATE	ELEVATION: 759 TDZE: 756	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/WEST CHICAGO, IL	AIRPORT NAME: DUPAGE	RNAV	RNAV (GPS) RWY 10, ORIG 29 JUL 2010	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.

```
        SUSAP KDPAK5FR10    R       070JOT  K5D 0VE  R020HM                    31720040     + 02600                                A JS    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDPAK5GRW10     0047500970 N41544852W088153055+0000     +0196400753000050075I                                          G

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDPAK5PR10    RW10 001 0000W10A0N4154485205W08815305520+019640300N4154436000W088142808000080000000000503F400350BD59B7EBG
        SUSAP KDPAK5PR10    RW10 002E       +02296+02296LPV       53618                                                            G

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDPAK5SRW10 K5PG                0   18018003425                                                                  M   G
```

CITY AND STATE	ELEVATION: 759 TDZE: 756	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHICAGO/WEST CHICAGO, IL	AIRPORT NAME: DUPAGE	RNAV	RNAV (GPS) RWY 10, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: 4.33 MILES AFTER DPA VOR/DME OR AT 4.33 DME FIX

CLIMBING RIGHT TURN TO 2500 DIRECT JOT VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 282.32 INBOUND.
CHART FAS OBST: 929 TOWER 415424N/0881642W
CHART 1044 TOWER 415254N/0881948W.
CHART VDP AT 3.09 DME;
DISTANCE VDP TO THLD 1.25 MILES.
DPA VOR/DME TO RW10: 3.04/50.
FAC CROSSES RWY C/L EXTENDED 1388 FROM THLD.

1. PT **R** SIDE OF COURSE **248.00** OUTBOUND **3000** FT WITHIN **10** MILES OF **DPA VOR/DME** (IAF)
2.
3. FAC **068.00** FAF **DPA VOR/DME** DIST FAF TO MAP **4.33** THLD **4.33**
4. MIN. ALT **DPA VOR/DME 2200**
8. MSA FROM: **DPA VOR/DME 2600**

MAG VAR: **2E** EPOCH YEAR:**1965**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	**1200**	**1**	**444**	**1200**	**1**	**444**	**1200**	**1 1/4**	**444**	**1200**	**1 1/2**	**444**			
CIRCLING	**1260**	**1**	**501**	**1260**	**1**	**501**	**1360**	**1 3/4**	**601**	**1360**	**2**	**601**			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AURORA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.
CHART NOTE: VDP NA WITH AURORA ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CHICAGO/WEST CHICAGO, IL	**ELEVATION: 759 TDZE: 756** AIRPORT NAME: **DUPAGE**	**DPA**	**VOR RWY 10, AMDT 12** 29 JUL 2010	SUP **VOR OR GPS RWY 10** AMDT **11A** DATE **01/12/1989**

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

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING 3041' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/849' MSL.
NOTE: RWY 35, TREES BEGINNING 2442' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/859' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
COFFEYVILLE, KS	COFFEYVILLE MUNI	29 JUL 2010	1

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OSW VORTAC (IAF)	HETOV/OSW 7.00 DME	250.25 / 7.00	2500
KUBKY/OSW 7.00 DME CCW (IAF)	HETOV/OSW 7.00 DME	7.00 DME ARC	2500
KOYXE/OSW 7.00 DME CW (IAF)	HETOV/OSW 7.00 DME	7.00 DME ARC	2500
HETOV/OSW 7.00 DME (IF)	JAVAN/OSW 13.00 DME	250.25 / 6.00 (OSW R-250)	2500

MISSED APPROACH

MAP: MAHIJ/OSW 18.08 DME FIX

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2500 VIA OSW VORTAC R-250 TO JAVAN/OSW 13.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 250.25 INBOUND.
FAS OBST: 1009 AAO 370505N/0952806W
CHART OSW R-319 AT KUBKY.
CHART OSW R-198 AT KOYXE.
FAC CROSSES MID POINT OF RWY 17-35.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HETOV/OSW 7.00 DME
3. FAC 250.25 FAF JAVAN/OSW 13.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT HETOV 2500, JAVAN 2500
8. MSA FROM: OSW VORTAC 3100

MAG VAR: 8E EPOCH YEAR: 1965

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1260	1	506	1260	1	506	1260	1 1/2	506	1320	2	566			

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON OSW VORTAC AIRWAY RADIALS 225 CW 248.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PARSONS ALTIMETER SETTING AND INCREASE ALL MDA 60FT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 754 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
COFFEYVILLE, KS	COFFEYVILLE MUNI	OSW	VOR/DME-A, AMDT 7 29 JUL 2010	SUP VOR/DME OR GPS-A AMDT 6B DATE 06/13/2002

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FETIV (IAF)	HUKAM (NOPT) (FB)	090.83 / 5.00	3600
HENEV (IAF)	HUKAM (NOPT) (FB)	270.95 / 5.00	3600
HUKAM (IF/IAF)	DEYEK (FB)	180.88 / 6.02	3000

MISSED APPROACH

LPV: DA
LNAV: RW18

CLIMB TO 3600 DIRECT JUNLI AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N HUKAM, RT, 180.88 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 180.86 FAF: DEYEK DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: HUKAM 3600, DEYEK 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: DEYEK 3000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.2 34:1 IS CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 000.82 INBOUND.
CHART FAS OBST: 1560 TOWER 374514N/0971353W
CHART A-683.
CHART BEECH FACTORY AIRPORT.
CHART CESSNA AIRCRAFT FIELD.
CHART MCCONNELL AFB.
DISTANCE TO THLD FROM 266 HAT: 0.73 NM.
CHART VDP AT 1.17 MILES TO RW18* *LNAV ONLY.
WAAS CHANNEL # 81808
REFERENCE PATH ID: W18A
DISTANCE TO THLD FROM 266 HAT: 0.73NM

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1680	1/2	266	1680	1/2	266	1680	1/2	266	1680	1/2	266			
LNAV MDA	1820	1/2	406	1820	1/2	406	1820	3/4	406	1820	1	406			
CIRCLING	1880	1	459	1880	1	459	1880	1 1/2	459	2120	2 1/4	699			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 MILE AND LNAV CAT D VISIBILITY TO 1 1/4.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WICHITA MID-CONTINENT ALTIMETER SEE 8260-10

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

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1421 TDZE: 1414	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 18, ORIG-C 29 JUL 2010	AMDT: ORIG-B
				DATED 06/04/2009

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.
SETTING AND INCREASE ALL DA/MDA 40 FEET.
CHART NOTE: VDP NA WITH WICHITA MID-CONTINENT ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	091/30 CW 271/30 (NOPT)	091/25 CW 271/25	4100
2.	091/25 CW 271/25	HUKAM (IF/IAF) (FB)	3600
3.	271/30 CW 001/30	HENEV (IAF) (FB)	3600
4.	001/30 CW 091/30	FETIV (IAF) (FB)	3600

CITY AND STATE	ELEVATION: 1421 TDZE: 1414	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 18, ORIG-C 29 JUL 2010	AMDT: ORIG-B
				DATED: 06/04/2009

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	KAAO
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	374521.2030N
LTP/FTP LONGITUDE	0971311.5040W
LTP/FTP ELLIPSOIDAL HEIGHT	+03983
FPAP LATITUDE	374421.2000N
FPAP LONGITUDE	0971320.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00045.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D5653F45

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04271
FPAP ORTHOMETRIC HEIGHT	+04271

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	ELEVATION: 1421 TDZE: 1414 AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 18, ORIG-C 29 JUL 2010	AMDT: ORIG-B DATED: 06/04/2009

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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DEYEK K30    C     N37500809W097122805                    E0043    NAR          DEYEK                    I
        SUSAEAENRT   FETIV K30    W     N37564291W097175001                    E0044    NAR          FETIV                    I
        SUSAEAENRT   HENEV K30    W     N37553085W097051707                    E0042    NAR          HENEV                    I
        SUSAEAENRT   HUKAM K30    C     N37560704W097113340                    E0043    NAR          HUKAM                    I
        SUSAEAENRT   JUNLI K30    W     N37333897W097145735                    E0043    NAR          JUNLI                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3AAAO     0     061YHN37445130W097131600E006001421        1800018000C    MNAR    COLONEL JAMES JABARA          I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3FR18   AFETIV 010FETIVK3EA0E  A    IF                                                18000                A JS   I
        SUSAP KAAOK3FR18   AFETIV 020HUKAMK3EA0EE B 010TF                    09080050    + 03600                                A JS   I
        SUSAP KAAOK3FR18   AHENEV 010HENEVK3EA0E  A    IF                                                18000                A JS   I
        SUSAP KAAOK3FR18   AHENEV 020HUKAMK3EA0EE B 010TF                    27100050    + 03600                                A JS   I
        SUSAP KAAOK3FR18   AHUKAM 010HUKAMK3EA0EE AR   HF                    18090040    + 03600     18000                      A JS   I
        SUSAP KAAOK3FR18   R       010HUKAMK3EA0E  I    IF                               + 03600     18000                      A JS   I
        SUSAP KAAOK3FR18   R       020DEYEKK3EA1E  F 051TF                    18090060    + 03000                                A JS   I
        SUSAP KAAOK3FR18   R       020DEYEKK3EA2WALPV       N          ALNAV                                                   JS   I
        SUSAP KAAOK3FR18   R       030RW18 K3PG0GY M 031TF                    18090048      01446              -300              A JS   I
        SUSAP KAAOK3FR18   R       040         0  M  010CA                    1809        + 01680                                A JS   I
        SUSAP KAAOK3FR18   R       050JUNLIK3EA0EY   010DF                               + 03600                                A JS   I
        SUSAP KAAOK3FR18   R       060JUNLIK3EA0EE  R020HM                    00080040    + 03600                                A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3GRW18    0061011809 N37452120W097131150+0300    +0398301401000045100I                                          I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3PR18   RW18 001 0000W18A0N3745212030W09713115040+039830300N374421200JW0971320570010675000800045 2F400500D5653F45I
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 1421 TDZE: 1414	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 18, ORIG-C 29 JUL 2010	AMDT: ORIG-B
				DATED: 06/04/2009

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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3PR18    RW18 002E       +04271+04271LPV       81808
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QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WICHITA, KS	ELEVATION: 1421 TDZE: 1414 AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 18, ORIG-C 29 JUL 2010	SUP: AMDT: ORIG-B DATED: 06/04/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZUXEG (IAF)	JUNLI (NOPT) (FB)	090.74 / 6.01	3600
WUMPA (IAF)	JUNLI (NOPT) (FB)	270.90 / 6.01	3600
JUNLI (IF/IAF)	YOKJU (FB)	000.82 / 6.02	3000

MISSED APPROACH

LPV: DA
LNAV: RW36

CLIMB TO 3600 DIRECT HUKAM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 180.88 INBOUND.
CHART FAS OBST: 1816 TWR 374247N/0971452W
DISTANCE TO THLD FROM 319 HAT: 0.86 NM.
CHART VDP AT 1.55 MILES TO RW36* *LNAV ONLY.
WAAS CHANNEL # 86208
REFERENCE PATH ID: W36A
CHART: BEECH FACTORY AIRPORT, CESSNA AIRCRAFT FIELD, MCCONNELL AFB, A-683

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S JUNLI, RT, 000.82 INBOUND, 3600 FT. IN LIEU OF PT (IAF)
3. FAC: 000.83 FAF: YOKJU DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: JUNLI 3600, YOKJU 3000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3000 GS ALT AT: YOKJU OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 44.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1740	1	319	1740	1	319	1740	1	319	1740	1	319			
LNAV MDA	1960	1	539	1960	1	539	1960	1 1/2	539	1960	1 3/4	539			
CIRCLING	1960	1	539	1960	1	539	1960	1 1/2	539	2120	2 1/4	699			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WICHITA MID-CONTINENT ALTIMETER SETTING AND INCREASE ALL DA/MDA 40 FEET AND INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE.
CHART NOTE: VDP NA WITH WICHITA MID-CONTINENT ALTIMETER SETTING.

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

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1421 TDZE: 1421	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 36, ORIG-B 29 JUL 2010	AMDT: ORIG-A
				DATED 09/28/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	271/30 CW 091/30 (NOPT)	JUNLI (IF/IAF) (FB)	3600
2.	091/30 CW 181/30	ZUXEG (IAF) (FB)	3600
3.	181/30 CW 271/30	WUMPA (IAF) (FB)	3600

QUALITY 9 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	ELEVATION: 1421 TDZE: 1421 AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 36, ORIG-B 29 JUL 2010	AMDT: ORIG-A DATED: 09/28/2007

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 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	KAAO
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	374421.3250N
LTP/FTP LONGITUDE	0971320.5450W
LTP/FTP ELLIPSOIDAL HEIGHT	+04042
FPAP LATITUDE	374549.9000N
FPAP LONGITUDE	0971307.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00044.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0888
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C417CBE7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04331
FPAP ORTHOMETRIC HEIGHT	+04331

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUKAM K30    C     N37560704W097113340                E0043     NAR          HUKAM
        SUSAEAENRT   JUNLI K30    W     N37333897W097145735                E0043     NAR          JUNLI
        SUSAEAENRT   WUMPA K30    W     N37325583W097072683                E0043     NAR          WUMPA
        SUSAEAENRT   YOKJU K30    W     N37393777W097140333                E0043     NAR          YOKJU
        SUSAEAENRT   ZUXEG K30    W     N37342163W097222801                E0044     NAR          ZUXEG

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3AAAO      0      061YHN37445130W097131600E006001421         1800018000C    MNAR     COLONEL JAMES JABARA

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3FR36   AJUNLI 010JUNLIK3EA0EE AR   HF                   00080040    + 03600     18000                A JS
        SUSAP KAAOK3FR36   AWUMPA 010WUMPAK3EA0E  A    IF                                       18000                A JS
        SUSAP KAAOK3FR36   AWUMPA 020JUNLIK3EA0EE B 010TF                    27090060    + 03600                          A JS
        SUSAP KAAOK3FR36   AZUXEG 010ZUXEGK3EA0E  A    IF                                       18000                A JS
        SUSAP KAAOK3FR36   AZUXEG 020JUNLIK3EA0EE B 010TF                    09070060    + 03600                          A JS
        SUSAP KAAOK3FR36   R      010JUNLIK3EA0E  I    IF                               + 03600     18000                A JS
        SUSAP KAAOK3FR36   R      020YOKJUK3EA1E  F 051TF                    00080060    + 03000                          A JS
        SUSAP KAAOK3FR36   R      020YOKJUK3EA2WALPV       N          ALNAV                                               JS
        SUSAP KAAOK3FR36   R      030RW36 K3PG0GY M 031TF                    00080048      01465           -300           A JS
        SUSAP KAAOK3FR36   R      040         0  M  010CA                    0008        + 01740                          A JS
        SUSAP KAAOK3FR36   R      050HUKAMK3EA0EY   010DF                              + 03600                          A JS
        SUSAP KAAOK3FR36   R      060HUKAMK3EA0EE  R020HM                    18090040    + 03600                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3GRW36     0061010008 N37442133W097132055-0300     +040420142100004410OR

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAAOK3PR36   RW36 001 0000W36A0N3744213250W09713205450+040420300N3745499000W097130717001067508880004 40F400500C417CBE7
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1421 TDZE: 1421	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 36, ORIG-B 29 JUL 2010	AMDT: ORIG-A
				DATED: 09/28/2007

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 aiport 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 KAAOK3PR36   RW36 002E      +04331+04331LPV       86208
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1421 TDZE: 1421	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WICHITA, KS	AIRPORT NAME: COLONEL JAMES JABARA	RNAV	RNAV (GPS) RWY 36, ORIG-B 29 JUL 2010	AMDT: ORIG-A
				DATED: 09/28/2007

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECKED

CITY AND STATE	ELEVATION: 409 TDZE: 409	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CHURCHVILLE, MD	AIRPORT NAME: **HARFORD COUNTY**	**GPS**	**GPS RWY 10, ORIG, 04/23/1998**	AMDT **NONE**
				DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KITHE	TAYLO (FB)	232.10 / 11.65	3000
TAYLO (IAF)	SNAZI (FB)	170.56 / 5.58	2900
TAFFI (IAF)	SNAZI (FB)	089.48 / 9.83	2900
SNAZI (IF)	MARRY (FB)	104.23 / 5.00	2000

MISSED APPROACH

LNAV: RW10

CLIMB TO 3000 DIRECT ILINE AND ON TRACK 068.13 TO CURVY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 271.00 INBOUND.
FAS OBST: 639 AAO 393335N/0761530W
659 AAO 393407N/0761856W.
MARRY TO RW10: 2.94/30.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT SNAZI
3. FAC: 104.37 FAF: MARRY DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: SNAZI 2900, MARRY 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 CLEAR
8. MSA FROM: RW10 2600

MAG VAR: 11W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	960	1	551		NA			NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: USE PHILLIPS AAF ALTIMETER SETTING; WHEN NOT RECEIVED USE BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL ALTIMETER SETTING AND INCREASE MDA 60 FT.
SEE 8260-10

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 409 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CHURCHVILLE, MD	AIRPORT NAME: HARFORD COUNTY	RNAV	RNAV (GPS) -B, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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: PROCEDURE NA FOR ARRIVALS AT KITHE ON V499 NORTHBOUND AND V3-408 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAFFI ON V166 WESTBOUND.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 409 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHURCHVILLE, MD	HARFORD COUNTY	RNAV	RNAV (GPS) -B, ORIG 29 JUL 2010	AMDT: NONE DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CURVY K60    C   L N39373121W076005801                    W0116     NAR          CURVY
        SUSAEAENRT   ILINE K60    W     N39334807W076082501                    W0115     NAR          ILINE
        SUSAEAENRT   KITHE K60    R   L N39483553W076174812                    W0115     NAR          KITHE
        SUSAEAENRT   MARRY K60    W     N39341675W076184457                    W0114     NAR          MARRY
        SUSAEAENRT   SNAZI K60    W     N39343386W076251192                    W0114     NAR          SNAZI
        SUSAEAENRT   TAFFI K60    C   L N39323664W076373939                    W0112     NAR          TAFFI
        SUSAEAENRT   TAYLO K60    W     N39394798W076274317                    W0113     NAR          TAYLO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0W3 K6A0W3     0     020YHN39340062W076120865W011000409         1800018000C    MNAR    HARFORD COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0W3 K6FRNV-B AKITHE 010KITHEK6EA0E      IF                                          18000                B JC
        SUSAP 0W3 K6FRNV-B AKITHE 020TAYLOK6EA0E  A 020TF                    23210117    + 03000                       B JC
        SUSAP 0W3 K6FRNV-B AKITHE 030SNAZIK6EA0EE B 010TF                    17060056    + 02900                       B JC
        SUSAP 0W3 K6FRNV-B ATAFFI 010TAFFIK6EA0E  A    IF                                          18000                B JC
        SUSAP 0W3 K6FRNV-B ATAFFI 020SNAZIK6EA0EE B 010TF                    08950098    + 02900                       B JC
        SUSAP 0W3 K6FRNV-B R      010SNAZIK6EA0E  I    IF                               + 02900    18000                B JC
        SUSAP 0W3 K6FRNV-B R      020MARRYK6EA0E  F 051TF                    10420050    + 02000              RW10  K6PGB JC
        SUSAP 0W3 K6FRNV-B R      030RW10 K6PG0GY M 031TF                    10440050      00439           -294         B JC
        SUSAP 0W3 K6FRNV-B R      040         0   M 010CA                    1044        + 00809                       B JC
        SUSAP 0W3 K6FRNV-B R      050ILINEK6EA0E    010DF                                                             B JC
        SUSAP 0W3 K6FRNV-B R      060CURVYK6EA0EY   010TF                    0681        + 03000                       B JC
        SUSAP 0W3 K6FRNV-B R      070CURVYK6EA0EE  R020HM                    27100040    + 03000                       B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0W3 K6GRW10    0020001034 N39335894W076121734-1400    +0091300409000030040R
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 409 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHURCHVILLE, MD	AIRPORT NAME: **HARFORD COUNTY**	**RNAV**	**RNAV (GPS) -B, ORIG** 29 JUL 2010	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
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP 0W3 K6SRW10 K6PG                0   18018002625                                                                M
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4

CHECKED

CITY AND STATE	ELEVATION: 409 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CHURCHVILLE, MD	AIRPORT NAME: HARFORD COUNTY	RNAV	RNAV (GPS) -B, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUMNA (IAF)	AUBIN (NOPT) (FB)	131.23 / 5.00	3100
CUMBR (IAF)	AUBIN (NOPT) (FB)	311.37 / 5.00	3100
AUBIN (IF/IAF)	CHWDA (FB)	041.30 / 6.19	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 3100 DIRECT WUDDE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW AUBIN, RT, 041.30 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 041.34 FAF: CHWDA DIST FAF TO MAP: 5.81 THLD: 5.81
4. MIN. ALT: AUBIN 3100, CHWDA 2200, HOGOK/2.40 NM TO RW04 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: CHWDA 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.7 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 221.47 INBOUND.
CHART FAS OBST: 571 TREE 440120N/0701903W
CHART FAS OBST: 589 TREE 440107N/0701914W
DISTANCE TO THLD FROM 200 HAT: 0.47 NM.
CHART VDP AT 1.63 MILES TO RW04* *LNAV ONLY.
WAAS CHANNEL # 69219
REFERENCE PATH ID: W04A

MAG VAR: 17W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	470	3/4	200	470	3/4	200	470	3/4	200	470	3/4	200			
LNAV/VNAV DA	936	1 3/4	666	936	1 3/4	666	936	1 3/4	666	936	1 3/4	666			
LNAV MDA	840	3/4	570	840	3/4	570	840	1	570	840	1 1/4	570			
CIRCLING	840	1	552	860	1	572	920	1 3/4	632	1060	2 1/2	772			

NOTES:
CHART NOTE: CIRCLING TO RWY 17, 22, 35 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

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

CITY AND STATE	ELEVATION: 288 TDZE: 270	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED 12/17/2009

NOTES CONT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE AND LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING AUGUSTA ALTIMETER SETTING.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS A AND B VISIBILITY TO 1 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, WHEN USING AUGUSTA ALTIMETER SETTING INCREASE LNAV CATS A AND B VISIBILITY TO 1 MILE.

TAA

	FROM	TO	ALT
1.	311/30 CW 131/30 (NOPT)	311/10 CW 131/10	4600
2.	311/10 CW 131/10	AUBIN (IF/IAF) (FB)	3100
3.	131/30 CW 221/30	131/12 CW 221/12	5800
4.	131/12 CW 221/12	SUMNA (IAF) (FB)	3100
5.	221/30 CW 311/30	CUMBR (IAF) (FB)	3400

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	440232.0600N
LTP/FTP LONGITUDE	0701717.0100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00560
FPAP LATITUDE	440317.0400N
FPAP LONGITUDE	0701648.7400W
THRESHOLD CROSSING HEIGHT (TCH)	00049.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	84.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	BCF92ACB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00824
FPAP ORTHOMETRIC HEIGHT	+00824

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AUBIN K60    W     N43513601W070240780                    W0159     NAR           AUBIN
        SUSAEAENRT   CHWDA K60    W     N43571451W070203619                    W0160     NAR           CHWDA
        SUSAEAENRT   CUMBR K60    W     N43493237W070175010                    W0160     NAR           CUMBR
        SUSAEAENRT   HOGOK K60    W     N44002088W070183937                    W0160     NAR           HOGOK
        SUSAEAENRT   SUMNA K60    W     N43533930W070302593                    W0159     NAR           SUMNA
        SUSAEAENRT   WUDDE K60    W     N44141261W070095517                    W0162     NAR           WUDDE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6ALEW     0     050YHN44025450W070170060W017000288         1800018000C    MNAR    AUBURN/LEWISTON MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6FR04   AAUBIN 010AUBINK6EA0EE AR   HF                    04130040    + 03100     18000                A JS
        SUSAP KLEWK6FR04   ACUMBR 010CUMBRK6EA0E  A    IF                                        18000                A JS
        SUSAP KLEWK6FR04   ACUMBR 020AUBINK6EA0EE B 010TF                     31140050    + 03100                          A JS
        SUSAP KLEWK6FR04   ASUMNA 010SUMNAK6EA0E  A    IF                                        18000                A JS
        SUSAP KLEWK6FR04   ASUMNA 020AUBINK6EA0EE B 010TF                     13120050    + 03100                          A JS
        SUSAP KLEWK6FR04   R      010AUBINK6EA0E  I    IF                               + 03100     18000                A JS
        SUSAP KLEWK6FR04   R      020CHWDAK6EA1E  F 051TF                     04130062    + 02200                          A JS
        SUSAP KLEWK6FR04   R      020CHWDAK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KLEWK6FR04   R      021HOGOKK6EA0E S  031TF                     04130034    V 0108001090        -300         A JS
        SUSAP KLEWK6FR04   R      030RW04 K6PG0GY M 031TF                     04140024      00320             -300         A JS
        SUSAP KLEWK6FR04   R      040          0  M  010CA                    0414        + 00470                          A JS
        SUSAP KLEWK6FR04   R      050WUDDEK6EA0EY   010DF                               + 03100                          A JS
        SUSAP KLEWK6FR04   R      060WUDDEK6EA0EE  R020HM                     22150040    + 03100                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6GRW04    0050010414 N44023206W070171701-0100    +0056000270000050100I
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CITY AND STATE	ELEVATION: 288 TDZE: 270	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED: 12/17/2009

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.

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            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6PR04    RW04 001 0000W04A0N4402320600W07017170100+005600300N4403170400W07016487400084750000000497F400350BCF92ACB
        SUSAP KLEWK6PR04    RW04 002E      +00824+00824LPV       69219
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CHECKED

CITY AND STATE	ELEVATION: 288 TDZE: 270	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 4, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 12/17/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AYUHH (IAF)	WUDDE (NOPT) (FB)	311.54 / 5.00	3100
PROUT (IAF)	WUDDE (NOPT) (FB)	131.40 / 5.00	3100
WUDDE (IF/IAF)	DANOH (FB)	221.47 / 6.18	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 3100 DIRECT AUBIN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 041.30 INBOUND.
CHART FAS OBST: 529 TREE 440312N/0701612W
DISTANCE TO THLD FROM 273 HAT: 0.71 NM.
WAAS CHANNEL # 78019
REFERENCE PATH ID: W22A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE WUDDE, RT, 221.47 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 221.43 FAF: DANOH DIST FAF TO MAP: 5.82 THLD: 5.82
4. MIN. ALT: WUDDE 3100, DANOH 2200, FALMO/2.40 NM TO RW22 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: DANOH 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 17W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	543	1	273	543	1	273	543	1	273	543	1	273			
LNAV/VNAV DA	867	2	597	867	2	597	867	2	597	867	2	597			
LNAV MDA	780	1	510	780	1	510	780	1 1/2	510	780	1 1/2	510			
CIRCLING	840	1	552	860	1	572	920	1 3/4	632	1060	2 1/2	772			

NOTES:
CHART NOTE: STRAIGHT-IN MINIMUMS NA AT NIGHT.
CHART NOTE: CIRCLING TO RWY 17/35 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

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

CITY AND STATE	ELEVATION: 288 TDZE: 270	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED 12/17/2009

NOTES CONT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA ALTIMETER SETTING AND INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CAT D, AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV NA WHEN AUGUSTA ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	131/30 CW 312/30 (NOPT)	131/8 CW 312/8	5400
2.	131/8 CW 312/8	WUDDE (IF/IAF) (FB)	3100
3.	312/30 CW 041/30	AYUHH (IAF) (FB)	3400
4.	041/30 CW 131/30	041/10 CW 131/10	5400
5.	041/10 CW 131/10	PROUT (IAF) (FB)	3400

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLEW
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	440317.0400N
LTP/FTP LONGITUDE	0701648.7400W
LTP/FTP ELLIPSOIDAL HEIGHT	+00538
FPAP LATITUDE	440155.8800N
FPAP LONGITUDE	0701739.7400W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	81283F14

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00802
FPAP ORTHOMETRIC HEIGHT	+00802

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ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AUBIN K60    W     N43513601W070240780                    W0159     NAR          AUBIN
        SUSAEAENRT   AYUHH K60    W     N44120817W070033558                    W0162     NAR          AYUHH
        SUSAEAENRT   DANOH K60    W     N44083480W070132864                    W0161     NAR          DANOH
        SUSAEAENRT   FALMO K60    W     N44052819W070152623                    W0161     NAR          FALMO
        SUSAEAENRT   PROUT K60    W     N44161670W070161520                    W0161     NAR          PROUT
        SUSAEAENRT   WUDDE K60    W     N44141261W070095517                    W0162     NAR          WUDDE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6ALEW     0     050YHN44025450W07017006OW017000288         1800018000C    MNAR    AUBURN/LEWISTON MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6FR22   AAYUHH 010AYUHHK6EA0E  A    IF                                          18000                A JS
        SUSAP KLEWK6FR22   AAYUHH 020WUDDEK6EA0EE B 010TF                    31150050    + 03100                       A JS
        SUSAP KLEWK6FR22   APROUT 010PROUTK6EA0E  A    IF                                          18000                A JS
        SUSAP KLEWK6FR22   APROUT 020WUDDEK6EA0EE B 010TF                    13140050    + 03100                       A JS
        SUSAP KLEWK6FR22   AWUDDE 010WUDDEK6EA0EE AR   HF                    22150040    + 03100     18000             A JS
        SUSAP KLEWK6FR22   R      010WUDDEK6EA0E  I    IF                                + 03100     18000             A JS
        SUSAP KLEWK6FR22   R      020DANOHK6EA1E  F 051TF                    22150062    + 02200                       A JS
        SUSAP KLEWK6FR22   R      020DANOHK6EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KLEWK6FR22   R      021FALMOK6EA0E S  031TF                    22140034    V 0108001088          -300    A JS
        SUSAP KLEWK6FR22   R      030RW22 K6PG0GY M 031TF                    22140024      00318               -300    A JS
        SUSAP KLEWK6FR22   R      040          0  M  010CA                   2214        + 00543                       A JS
        SUSAP KLEWK6FR22   R      050AUBINK6EA0EY   010DF                              + 03100                       A JS
        SUSAP KLEWK6FR22   R      060AUBINK6EA0EE  R020HM                    04130040    + 03100                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6GRW22    0050012214 N44031704W070164874+0100    +0053800263000055100R
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QUALITY 4 CHECK

CITY AND STATE	ELEVATION: 288 TDZE: 270	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 12/17/2009

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.

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            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLEWK6PR22    RW22 001 0000W22A0N4403170400W0701648740O+005380300N4401558800W07017397400106751224000550F40050081283F14
        SUSAP KLEWK6PR22    RW22 002E      +00802+00802LPV       78019
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QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
AUBURN/LEWISTON, ME	ELEVATION: 288 TDZE: 270 AIRPORT NAME: AUBURN/LEWISTON MUNI	RNAV	RNAV (GPS) RWY 22, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 12/17/2009

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 700-1 1/2 WITH A MINIMUM CLIMB OF 389 FEET PER NM TO 1100 OR 1100-2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 35, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 453 FEET PER NM TO 500.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 17, CLIMB HEADING 181.26 TO 1100 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS, CROSS LINCOLN REGIONAL AIRPORT AT OR ABOVE 1200 MSL BEFORE PROCEEDING ON COURSE.
RWY 35, CLIMB HEADING 346.27 TO 700 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING 123' FROM DER, 296' LEFT OF CENTERLINE, UP TO 80'AGL/299' MSL. TREES BEGINNING 447' FROM DER, 126' RIGHT OF CENTERLINE, UP TO 80' AGL/289' MSL. TOWERS BEGINNING 7,448' FROM DER, 2,310' LEFT OF CENTERLINE, UP TO 191' AGL/ 869' MSL.
NOTE: RWY 35, TREES BEGINNING 4' FROM DER, 284' LEFT OF CENTERLINE, UP TO 80' AGL/359' MSL. TREES BEGINNING 252' FROM DER, 196' RIGHT OF CENTERLINE, UP TO 80' AGL/ 369' MSL.

(4) CONTROLLING OBSTACLES:

RWY 17: 869' MSL TOWERS 452039.00N/0683027.00W, 809' MSL AAO 451929.16N-0683127.66W, 819' MSL AAO 451809.00N/0682957.00W.
RWY 35: 359' MSL TREE 452217.08N/0683242.58W, 869' MSL TOWER 452039.00N/0683027.00W.
RWY 17 (VCOA): 869' MSL TOWERS 452039.00N/0683027.00W.

QUALITY CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
LINCOLN, ME	LINCOLN REGIONAL	29 JUL 2010	3

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROLAF INT/I-RLU 17.73 DME (IAF)	PEYSI INT/I-RLU 12.26 DME (NOPT)	046.58 / 5.47 (I-RLU)	3000
AUG VOR/DME (IAF)	PEYSI INT/I-RLU 12.26 DME (NOPT)	009.78 / 2.58	3000
PEYSI INT/I-RLU 12.26 DME (IF/IAF)	CVLRY/I-RLU 5.97 DME	046.58 / 6.29 (I-RLU)	1900

MISSED APPROACH

ILS: DA
LOC: 4.91 MILES AFTER CVLRY/5.97 DME OR AT I-RLU 1.06 DME FIX

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 DIRECT AUG VOR/DME AND HOLD; OR AS DIRECTED BY ATC.
ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2500 DIRECT AU LOM AND HOLD. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 166.00 INBOUND.
CHART FAS OBST: 330 TREE 443136N/0694102W
CHART IN PLANVIEW: AU LOM.
CHART VDP AT 1.94 DME*;
*LOC ONLY
DISTANCE VDP TO THLD 0.88 MILES.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N AU LOM, RT, 171.00 INBOUND.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PEYSI, RT, 046.58 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 046.58 FAF: CVLRY/I-RLU 5.97 DME DIST FAF TO MAP: ____ THLD: 4.91
4. MIN. ALT: PEYSI 3000, CVLRY 1900, EKLAY/I-RLU 2.66 DME 800*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 770
6. MIN GS INCPT: 1900 GS ALT AT: CVLRY/I-RLU 5.97 DME 1900 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 48.4
8. MSA FROM: AUG VOR/DME 180-360 3100, 360-180 2600

MAG VAR: 18W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 5	509	3/4	200	509	3/4	200	509	3/4	200	509	3/4	200			
S-LOC 5	600	3/4	291	600	3/4	291	600	3/4	291	600	1	291			
CIRCLING	860	1	527	860	1	527	860	1 1/2	527	900	2	567			

NOTES:
CHART NOTE: CIRCLING TO RWY 14-32 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LOC ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA ALTIMETER SETTING: INCREASE SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 333 TDZE: 309	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS OR LOC RWY 5
WATERVILLE, ME	AIRPORT NAME: WATERVILLE ROBERT LAFLEUR	I-RLU	ILS OR LOC/DME RWY 5, AMDT 3 29 JUL 2010	AMDT: 2B DATED 03/13/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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NOTES CONT.
S-ILS 5 DA TO 544 FEET AND ALL VISIBILITIES 1/4 MILE ; INCREASE ALL MDA 40 FEET.
CHART NOTE: VDP NA WHEN USING AUGUSTA ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON AUG VOR/DME AIRWAY RADIALS 053 CW 141.

QUALITY 1 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WATERVILLE, ME	**ELEVATION: 333 TDZE: 309** AIRPORT NAME: **WATERVILLE ROBERT LAFLEUR**	**I-RLU**	**ILS OR LOC/DME RWY 5, AMDT 3** 29 JUL 2010	SUP: **ILS OR LOC RWY 5** AMDT: **2B** DATED: **03/13/2008**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ANSYN	COLBB (FB)	186.77 / 21.03	4100
RAZZR	HIRIM (FB)	338.55 / 7.89	3000
NOLLI (IAF)	PEYSI (NOPT) (FB)	064.24 / 20.37	3000
COLBB (IAF)	PEYSI (NOPT) (FB)	136.42 / 5.00	3000
HIRIM (IAF)	PEYSI (NOPT) (FB)	316.56 / 5.00	3000
PEYSI (IF/IAF)	CVLRY (FB)	046.49 / 6.29	1900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW05

CLIMB TO 3000 DIRECT CUDIB AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 226.67 INBOUND.
FAS OBST: 539 AAO 442834N/0694417W
FAS OBST: 559 AAO 442730N/0694532W
DISTANCE TO THLD FROM 200 HAT: 0.61 NM.
CHART VDP AT 1.51 MILES TO RW05* *LNAV ONLY.
WAAS CHANNEL # 70418
REFERENCE PATH ID: W05A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PEYSI, RT, 046.49 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 046.54 FAF: CVLRY DIST FAF TO MAP: 4.91 THLD: 4.91
4. MIN. ALT: PEYSI 3000, CVLRY 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: CVLRY 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.4 34:1 IS NOT CLEAR
8. MSA FROM: RW05 3400

MAG VAR: 18W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	509	3/4	200	509	3/4	200	509	3/4	200	509	3/4	200			
LNAV/VNAV DA	737	1 3/4	428	737	1 3/4	428	737	1 3/4	428	737	1 3/4	428			
LNAV MDA	800	3/4	491	800	3/4	491	800	1 1/4	491	800	1 1/2	491			
CIRCLING	860	1	527	860	1	527	860	1 1/2	527	900	2	567			

NOTES:
CHART NOTE: CIRCLING TO RWY 14-32 NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV CATS A, B, AND C, AND LNAV CAT C.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 333 TDZE: 309	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WATERVILLE, ME	AIRPORT NAME: WATERVILLE ROBERT LAFLEUR	RNAV	RNAV (GPS) RWY 5, ORIG 29 JUL 2010	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: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NOLLI VIA V3-39 WESTBOUND.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING AUGUSTA ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AUGUSTA ALTIMETER SETTING: INCREASE ALL DA 35 FEET AND LPV ALL CATS VISIBILITY 1/4 MILE; INCREASE ALL MDA 40 FEET AND LNAV CAT C AND D VISIBILITY 1/4 MILE.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WATERVILLE, ME	**ELEVATION: 333 TDZE: 309** AIRPORT NAME: **WATERVILLE ROBERT LAFLEUR**	**RNAV**	**RNAV (GPS) RWY 5, ORIG** 29 JUL 2010	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	KWVL
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	443135.4700N
LTP/FTP LONGITUDE	0694050.2800W
LTP/FTP ELLIPSOIDAL HEIGHT	+00558
FPAP LATITUDE	443223.5900N
FPAP LONGITUDE	0694013.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00048.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.75
LENGTH OFFSET	0016
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	37EFDD09

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00817
FPAP ORTHOMETRIC HEIGHT	+00817

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ANSYN K60    R   L N44444604W070000903                          NAR          ANSYN
          SUSAEAENRT   COLBB K60    W     N44240801W069542622                          NAR          COLBB
          SUSAEAENRT   CUDIB K60    W     N44420880W069324645                          NAR          CUDIB
          SUSAEAENRT   CVLRY K60    C     N44271692W069440689                          NAR          CVLRY
          SUSAEAENRT   HIRIM K60    W     N44192180W069421114                          NAR          HIRIM
          SUSAEAENRT   NOLLI K60    C   L N44074148W070084896                          NAR          NOLLI
          SUSAEAENRT   PEYSI K60    C     N44214507W069481843                          NAR          PEYSI
          SUSAEAENRT   RAZZR K60    C   L N44131651W069351225                          NAR          RAZZR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KWVLK6AWVL     0     055YHN44315970W069403190W018000333        18000180000C    MNAR    WATERVILLE ROBERT LAFLEUR

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KWVLK6FR05   AANSYN 010ANSYNK6EA0E       IF                                          18000              A JS
          SUSAP KWVLK6FR05   AANSYN 020COLBBK6EA0E  A 020TF                    18680210    + 04100                      A JS
          SUSAP KWVLK6FR05   AANSYN 030PEYSIK6EA0EE B 010TF                    13640050    + 03000                      A JS
          SUSAP KWVLK6FR05   ANOLLI 010NOLLIK6EA0E  A    IF                                          18000              A JS
          SUSAP KWVLK6FR05   ANOLLI 020PEYSIK6EA0EE B 010TF                    06420204    + 03000                      A JS
          SUSAP KWVLK6FR05   APEYSI 010PEYSIK6EA0EE AR   HF                    04650040    + 03000     18000            A JS
          SUSAP KWVLK6FR05   ARAZZR 010RAZZRK6EA0E       IF                                          18000              A JS
          SUSAP KWVLK6FR05   ARAZZR 020HIRIMK6EA0E  A 020TF                    33860079    + 03000                      A JS
          SUSAP KWVLK6FR05   ARAZZR 030PEYSIK6EA0EE B 010TF                    31660050    + 03000                      A JS
          SUSAP KWVLK6FR05   R      010PEYSIK6EA0E  I    IF                                + 03000     18000            A JS
          SUSAP KWVLK6FR05   R      020CVLRYK6EA1E  F 051TF                    04650063    + 01900                RW05  K6PGA JS
          SUSAP KWVLK6FR05   R      020CVLRYK6EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KWVLK6FR05   R      030RW05 K6PG0GY M 031TF                    04650049      00316          -300            A JS
          SUSAP KWVLK6FR05   R      040         0  M  010CA                    0465        + 00509                      A JS
          SUSAP KWVLK6FR05   R      050CUDIBK6EA0EY   010DF                                + 03000                      A JS
          SUSAP KWVLK6FR05   R      060CUDIBK6EA0EE  R020HM                    22670040    + 03000                      A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 333 TDZE: 309	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WATERVILLE, ME	AIRPORT NAME: **WATERVILLE ROBERT LAFLEUR**	**RNAV**	**RNAV (GPS) RWY 5, ORIG** 29 JUL 2010	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.

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWVLK6GRW05     0055000466 N44313547W069405028+1200     +0055800268000048100I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWVLK6PR05    RW05 001 0000W05A0N4431354700W06940502800+005580300N4432235900W069401363001047500160000484F40035037EFDD09
        SUSAP KWVLK6PR05    RW05 002E       +00817+00817LPV        70418

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KWVLK6SRW05 K6PG                0   18018003425                                                                    M
```

CITY AND STATE	ELEVATION: 333 TDZE: 309	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WATERVILLE, ME	AIRPORT NAME: WATERVILLE ROBERT LAFLEUR	RNAV	RNAV (GPS) RWY 5, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DAWSO	FEKSU (FB)	225.95 / 11.46	4000
FEKSU (IAF)	EDAYU (NOPT) (FB)	208.18 / 5.00	3700
ATY VORTAC (IAF)	EDAYU (NOPT) (FB)	105.07 / 29.23	3700
EDAYU (IF/IAF)	CATVA (FB)	118.15 / 6.01	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

CLIMB TO 3700 DIRECT ACACE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 298.45 INBOUND.
CHART FAS OBST: 1279 TREE 444412N/0961631W
CHART FAS OBST: 1319 TREE 444426N/0961903W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.13 MILES TO RW12* *LNAV ONLY.
WAAS CHANNEL # 56418
REFERENCE PATH ID: W12A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW EDAYU, RT, 118.15 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
3. FAC: 118.23 FAF: CATVA DIST FAF TO MAP: 4.85 THLD: 4.85
4. MIN. ALT: EDAYU 3700, CATVA 2800, HOOKE/2.00 NM TO RW12 1860*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: CATVA 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW12 3800

MAG VAR: 3E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1444	1	250	1444	1	250	1444	1	250	1444	1	250			
LNAV/VNAV DA	1598	1 1/2	404	1598	1 1/2	404	1598	1 1/2	404	1598	1 1/2	404			
LNAV MDA	1580	1	386	1580	1	386	1580	1	386	1580	1 1/4	386			
CIRCLING	1700	1	506	1700	1	506	1700	1 1/2	506	1800	2	606			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
CANBY, MN	ELEVATION: 1194 TDZE: 1194 AIRPORT NAME: MYERS FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1 29 JUL 2010	SUP: AMDT: ORIG DATED 07/05/2007

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

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

NOTES CONT.
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATY VORTAC ON V24-398 WESTBOUND.
CHART NOTE: VDP NA WITH LAC QUI PARLE COUNTY ALTIMETER SETTING.
CHART NOTE: BARO-VNAV NA WHEN USING LAC QUI PARLE COUNTY ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAC QUI PARLE COUNTY ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, AND ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CATS C AND D VISIBILITY 1/4 MILE.

CITY AND STATE	ELEVATION: 1194 TDZE: 1194	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: MYERS FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED: 07/05/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KCNB
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	444358.1245N
LTP/FTP LONGITUDE	0961625.1950W
LTP/FTP ELLIPSOIDAL HEIGHT	+03381
FPAP LATITUDE	444311.8200N
FPAP LONGITUDE	0961438.4200W
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	1336
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	27A37D3E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03640
FPAP ORTHOMETRIC HEIGHT	+03640

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        ATY   K3011660VTLA N44584669W097083043    N44584669W097083043E0090017621     NARWATERTOWN

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACACE K30    W     N44375533W096023121                      E0032     NAR           ACACE
        SUSAEAENRT   CATVA K30    W     N44462920W096221439                      E0034     NAR           CATVA
        SUSAEAENRT   DAWSO K30    C   L N45012462W096133989                      E0033     NAR           DAWSO
        SUSAEAENRT   EDAYU K30    W     N44493591W096292758                      E0035     NAR           EDAYU
        SUSAEAENRT   FEKSU K30    W     N44535249W096254942                      E0035     NAR           FEKSU
        SUSAEAENRT   HOOKE K30    W     N44450043W096184908                      E0034     NAR           HOOKE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3ACNB     0     046YHN44434620W096155770E003001194         1800018000C    MNAR    MYERS FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3FR12   AATY   010ATY  K3D 0V  A    IF                                                18000                A JS
        SUSAP KCNBK3FR12   AATY   020EDAYUK3EA0EE B 010TF                    10510292    + 03700                                A JS
        SUSAP KCNBK3FR12   ADAWSO 010DAWSOK3EA0E       IF                                                18000                A JS
        SUSAP KCNBK3FR12   ADAWSO 020FEKSUK3EA0E  A 020TF                    22600115    + 04000                                A JS
        SUSAP KCNBK3FR12   ADAWSO 030EDAYUK3EA0EE B 010TF                    20820050    + 03700                                A JS
        SUSAP KCNBK3FR12   AEDAYU 010EDAYUK3EA0EE AR   HF                    11820040    + 03700     18000                      A JS
        SUSAP KCNBK3FR12   R      010EDAYUK3EA0E  I    IF                                + 03700     18000                      A JS
        SUSAP KCNBK3FR12   R      020CATVAK3EA1E  F 051TF                    11820060    + 02800                 RW12  K3PGA  A JS
        SUSAP KCNBK3FR12   R      020CATVAK3EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
        SUSAP KCNBK3FR12   R      021HOOKEK3EA0E S  031TF                    11820029    V 0186001875        -300             A JS
        SUSAP KCNBK3FR12   R      030RW12 K3PG0GY M 031TF                    11820020      01234             -300             A JS
        SUSAP KCNBK3FR12   R      040         0  M  010CA                    1182        + 01444                            A JS
        SUSAP KCNBK3FR12   R      050ACACEK3EA0EY   010DF                               + 03700                            A JS
        SUSAP KCNBK3FR12   R      060ACACEK3EA0EE  R020HM                    29850040    + 03700                            A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1194 TDZE: 1194	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: MYERS FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 07/05/2007

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3GRW12    0046481183 N44435812W096162520-0200    +0338101194000040075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3PR12   RW12 001 0000W12A0N4443581245W09616251950+033810300N4443118200W096143842001067513360000400F40050027A37D3E
        SUSAP KCNBK3PR12   RW12 002E      +03640+03640LPV       56418

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3SRW12 K3PG               0   18018003825                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1194 TDZE: 1194	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: MYERS FIELD	RNAV	RNAV (GPS) RWY 12, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED: 07/05/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DAWSO	KIRPE (FB)	148.21 / 21.92	4000
CLAPS	KIRPE (FB)	229.92 / 35.29	4000
KIRPE (IAF)	ACACE (NOPT) (FB)	208.49 / 5.00	3700
GHENT (IAF)	ACACE (NOPT) (FB)	314.42 / 13.31	3700
ACACE (IF/IAF)	BEGNE (FB)	298.45 / 6.01	2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW30

CLIMB TO 3700 DIRECT EDAYU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 118.15 INBOUND.
CHART FAS OBST: 1277 TREE 444314N/0961446W
FAS OBST: 1419 AAO 444043N/0961124W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
WAAS CHANNEL # 77718
REFERENCE PATH ID: W30A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ACACE, RT, 298.45 INBOUND, 3700 FT. IN LIEU OF PT (IAF)
3. FAC: 298.37 FAF: BEGNE DIST FAF TO MAP: 4.88 THLD: 4.88
4. MIN. ALT: ACACE 3700, BEGNE 2800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: BEGNE 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW30 3800

MAG VAR: 3E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1442	1	250	1442	1	250	1442	1	250	1442	1	250			
LNAV/VNAV DA	1573	1 1/2	381	1573	1 1/2	381	1573	1 1/2	381	1573	1 1/2	381			
LNAV MDA	1680	1	488	1680	1	488	1680	1 1/4	488	1680	1 1/2	488			
CIRCLING	1700	1	506	1700	1	506	1700	1 1/2	506	1800	2	606			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1194 TDZE: 1192	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: MYERS FIELD	RNAV	RNAV (GPS) RWY 30, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED 07/05/2007

NOTES CONT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GHENT ON V26 EASTBOUND.
CHART NOTE: BARO-VNAV NA WHEN USING LAC QUI PARLE COUNTY ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LAC QUI PARLE COUNTY ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, AND ALL MDA 60 FEET, INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE.

Bearings, headings, courses, and radials are magnetic. Elevations 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	KCNB
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	444335.5010N
LTP/FTP LONGITUDE	0961533.0120W
LTP/FTP ELLIPSOIDAL HEIGHT	+03356
FPAP LATITUDE	444421.7700N
FPAP LONGITUDE	0961719.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	EF8A3449

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03614
FPAP ORTHOMETRIC HEIGHT	+03614

QUALITY CHECKED

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACACE K30    W     N44375533W096023121                    E0032    NAR          ACACE                    I
        SUSAEAENRT   BEGNE K30    W     N44410333W096094254                    E0032    NAR          BEGNE                    I
        SUSAEAENRT   CLAPS K30    C   L N45033450W095192336                    E0025    NAR          CLAPS                    I
        SUSAEAENRT   DAWSO K30    C   L N45012462W096133989                    E0033    NAR          DAWSO                    I
        SUSAEAENRT   EDAYU K30    W     N44493591W096292758                    E0035    NAR          EDAYU                    I
        SUSAEAENRT   GHENT K30    C   L N44280795W095495448                    E0030    NAR          GHENT                    I
        SUSAEAENRT   KIRPE K30    W     N44421119W095585175                    E0031    NAR          KIRPE                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3ACNB     0     046YHN44434620W096155770E003001194         1800018000C    MNAR    MYERS FIELD              I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3FR30   AACACE 010ACACEK3EA0EE AR   HF                    29850040    + 03700     18000                A JS   I
        SUSAP KCNBK3FR30   ACLAPS 010CLAPSK3EA0E       IF                                          18000                A JS   I
        SUSAP KCNBK3FR30   ACLAPS 020KIRPEK3EA0E  A 020TF                    22990353    + 04000                          A JS   I
        SUSAP KCNBK3FR30   ACLAPS 030ACACEK3EA0EE B 010TF                    20850050    + 03700                          A JS   I
        SUSAP KCNBK3FR30   ADAWSO 010DAWSOK3EA0E       IF                                          18000                A JS   I
        SUSAP KCNBK3FR30   ADAWSO 020KIRPEK3EA0E  A 020TF                    14820219    + 04000                          A JS   I
        SUSAP KCNBK3FR30   ADAWSO 030ACACEK3EA0EE B 010TF                    20850050    + 03700                          A JS   I
        SUSAP KCNBK3FR30   AGHENT 010GHENTK3EA0E  A    IF                                          18000                A JS   I
        SUSAP KCNBK3FR30   AGHENT 020ACACEK3EA0EE B 010TF                    31440133    + 03700                          A JS   I
        SUSAP KCNBK3FR30   R      010ACACEK3EA0E  I    IF                                 + 03700  18000                A JS   I
        SUSAP KCNBK3FR30   R      020BEGNEK3EA1E  F 051TF                    29850060    + 02800                RW30  K3PGA JS   I
        SUSAP KCNBK3FR30   R      020BEGNEK3EA2WALPV       ALNAV/VNAV ALNAV                                                JS   I
        SUSAP KCNBK3FR30   R      030RW30 K3PG0GY M 031TF                    29840049      01226          -300              A JS   I
        SUSAP KCNBK3FR30   R      040         0  M  010CA                    2984        + 01442                          A JS   I
        SUSAP KCNBK3FR30   R      050EDAYUK3EA0EY   010DF                               + 03700                          A JS   I
        SUSAP KCNBK3FR30   R      060EDAYUK3EA0EE  R020HM                    11820040    + 03700                          A JS   I
```

CITY AND STATE	ELEVATION: 1194 TDZE: 1192	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: **MYERS FIELD**	**RNAV**	**RNAV (GPS) RWY 30, AMDT 1** 29 JUL 2010	AMDT: **ORIG**
				DATED: **07/05/2007**

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3GRW30    0046482983 N44433550W096153301+0200    +033560118602394007 5R                                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3PR30   RW30 001 0000W30A0N4443355010W09615330120+033560300N4444217700W096171982001067514080004 00F400500EF8A3449I
        SUSAP KCNBK3PR30   RW30 002E      +03614+03614LPV       77718                                                         I

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KCNBK3SRW30 K3PG               0   18018003825                                                              M   I
```

CITY AND STATE	ELEVATION: 1194 TDZE: 1192	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CANBY, MN	AIRPORT NAME: **MYERS FIELD**	**RNAV**	**RNAV (GPS) RWY 30, AMDT 1** 29 JUL 2010	AMDT: **ORIG**
				DATED: **07/05/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MARRI (IAF)	HELIR (FB)	342.44 / 12.63	9700
HELIR (IF)	PUNIC (FB)	342.42 / 7.00	7900

MISSED APPROACH

LNAV: FEVAD

CLIMBING RIGHT TURN TO 13000 DIRECT MARRI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 13000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 351.00 INBOUND.
FAS OBST: 5924 AAO 390736N/1194316W
FAC CROSSES MID POINT OF RWY 9-27.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HELIR
3. FAC: 342.42 FAF: PUNIC DIST FAF TO MAP: 5.30 THLD:
4. MIN. ALT: HELIR 9700, PUNIC 7900
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: FEVAD 12100

MAG VAR: 14E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
CIRCLING	6380	1 1/4	1675	6380	1 1/2	1675	6380	3	1675	6440	3	1735			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MARRI VIA V165 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RENO/TAHOE INTL ALTIMETER SETTING AND INCREASE ALL MDA 540 FT.

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 4705 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CARSON CITY, NV	CARSON	RNAV	RNAV (GPS)-A, AMDT 1 29 JUL 2010	AMDT: ORIG DATED 11/20/2008

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.

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FEVAD K20    W     N39104165W119435991                    E0142     NAR           FEVAD
        SUSAEAENRT   HELIR K20    W     N38582441W119430065                    E0141     NAR           HELIR
        SUSAEAENRT   MARRI K20    C   L N38454721W119420031                    E0141     NAR           MARRI
        SUSAEAENRT   PUNIC K20    W     N39052398W119433437                    E0141     NAR           PUNIC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2ACXP     0     061YHN39113230W119435730E014004705         1800018000C    MNAR    CARSON

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2FRNV-A AMARRI 010MARRIK2EA0E  A    IF                                          18000              B JC
        SUSAP KCXPK2FRNV-A AMARRI 020HELIRK2EA0EE B 010TF                    34240126    + 09700                      B JC
        SUSAP KCXPK2FRNV-A R      010HELIRK2EA0E  I    IF                               + 09700    18000             B JC
        SUSAP KCXPK2FRNV-A R      020PUNICK2EA0E  F 051TF                    34240070    + 07900              FEVAD K2EAB JC
        SUSAP KCXPK2FRNV-A R      030FEVADK2EA0EY M 031TF                    34240053      06440          000         B JC
        SUSAP KCXPK2FRNV-A R      040         0   M 010CA                    3424        + 05105                     B JC
        SUSAP KCXPK2FRNV-A R      050MARRIK2EA0EY   R010DF                               + 13000                     B JC
        SUSAP KCXPK2FRNV-A R      060MARRIK2EA0EE   R020HM                    35100080    + 13000                     B JC

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCXPK2SFEVADK2EA              0   18018012125                                                                  M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 4705 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARSON CITY, NV	CARSON	RNAV	RNAV (GPS)-A, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 11/20/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CAM VOR/DME (IAF)	ALDEN INT/CAM 12.88 DME (NOPT)	313.18 / 12.88 (GF LBRG-182.47)	3200
ALDEN INT/CAM 12.88 DME (IF)	GANSE LOM	012.43 / 9.39 (I-GFL)	2000

MISSED APPROACH

ILS: DA
LOC: 4.83 MILES AFTER GANSE LOM

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 DIRECT GANSE LOM AND HOLD; OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 4500 DIRECT CAM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N CAM VOR/DME, RT, 196.00 INBOUND.
FAS OBST: 509 AAO 431652N/0733701W
CHART IN PLANVIEW: CAM VOR/DME.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S GANSE LOM, RT, 012.43 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 012.43 FAF: GANSE LOM DIST FAF TO MAP: 4.83 THLD: 4.83
4. MIN. ALT: GANSE LOM 2000
5. DIST TO THLD FROM OM: 4.83 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 977
6. MIN GS INCPT: 2000 GS ALT AT: GS INTCP OM: 1936 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 53.3
8. MSA FROM: GF LOM 045-225 5100, 225-315 4100, 315-045 4500

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1	689	3/4	365	689	3/4	365	689	3/4	365	689	3/4	365			
S-LOC 1	760	3/4	436	760	3/4	436	760	3/4	436	760	1	436			
CIRCLING	840	1	512	840	1	512	840	1 1/2	512	920	2	592			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS ALL CATS VISIBILITY TO 1 1/4 MILE AND S-LOC CATS A/B VISIBILITY TO 1 MILE.
CHART NOTE: ADF REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 324 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 1
GLENS FALLS, NY	FLOYD BENNETT MEMORIAL	I-GFL	ILS OR LOC RWY 1, AMDT 4 29 JUL 2010	AMDT: 3B DATED 04/17/2004

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29

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

NOTES CONT.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE ALBANY ALTIMETER SETTING AND INCREASE ALL DA 90 FEET AND ALL MDA 100 FEET; INCREASE S-ILS ALL CATS, S-LOC AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING ALBANY ALTIMETER SETTING, INCREASE S-ILS ALL CATS VISIBILITY TO 1 1/2 MILE AND S-LOC CATS A/B VISIBILITY TO 1 MILE.

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 324	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 1
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	I-GFL	ILS OR LOC RWY 1, AMDT 4 29 JUL 2010	AMDT: 3B
				DATED: 04/17/2004

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GEDNE (IAF)	EKAKE (NOPT) (FB)	102.35 / 5.00	3000
JEGOT (IAF)	EKAKE (NOPT) (FB)	282.51 / 5.00	3000
EKAKE (IF/IAF)	CAGUG (FB)	012.43 / 6.10	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

CLIMB TO 4000 DIRECT IRIGE AND RIGHT TURN ON TRACK 102.43 TO WEPAB AND ON TRACK 192.43 TO TUCDE AND ON TRACK 243.69 TO EKAKE AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 535 TOWER 431859N/0733720W
FAS OBST: 549 AAO 431649N/0733725W
DISTANCE TO THLD FROM 365 HAT: 0.99 NM.
CHART VDP AT 1.96 MILES TO RW01* *LNAV ONLY.
WAAS CHANNEL # 87118
REFERENCE PATH ID: W01A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S EKAKE, RT, 012.43 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 012.43 FAF: CAGUG DIST FAF TO MAP: 5.64 THLD: 5.64
4. MIN. ALT: EKAKE 3000, CAGUG 2200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: CAGUG 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.3 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	689	3/4	365	689	3/4	365	689	3/4	365	689	3/4	365			
LNAV/VNAV DA	1258	4	934	1258	4	934	1258	4	934	1258	4	934			
LNAV MDA	1000	3/4	676	1000	3/4	676	1000	1 1/2	676	1000	1 3/4	676			
CIRCLING	1000	1	672	1000	1	672	1000	2	672	1000	2 1/4	672			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV ALL CATS.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CATS VISIBILITY TO 1 1/4 MILE AND LNAV CATS A/B VISIBILITY TO 1 MILE.
CHART NOTE: BARO-VNAV NA WHEN USING ALBANY ALTIMETER SETTING.
SEE 8260-10

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

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 324	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 1, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED 05/15/2003

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

NOTES CONT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE ALBANY ALTIMETER SETTING AND INCREASE ALL DA 90 FEET AND ALL MDA 100 FEET; INCREASE LPV ALL CATS, LNAV CAT C/D AND CIRCLING CAT B/C/D VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WITH ALBANY ALTIMETER SETTING.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING ALBANY ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1 1/2 MILE AND LNAV CAT A VISIBILITY TO 1 MILE.

TAA

	FROM	TO	ALT
1.	283/30 CW 102/30 (NOPT)	283/7 CW 102/7	6200
2.	283/7 CW 102/7	EKAKE (IF/IAF) (FB)	3000
3.	102/30 CW 192/30	GEDNE (IAF) (FB)	4900
4.	192/30 CW 283/30	192/7 CW 283/7 (IAF) (FB)	6200
5.	192/7 CW 283/7	JEGOT (IAF) (FB)	4200

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 324	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 1, AMDT 1	AMDT: ORIG
			29 JUL 2010	DATED: 05/15/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KGFL
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	432008.4100N
LTP/FTP LONGITUDE	0733631.2500W
LTP/FTP ELLIPSOIDAL HEIGHT	+00680
FPAP LATITUDE	432059.3900N
FPAP LONGITUDE	0733633.1600W
THRESHOLD CROSSING HEIGHT (TCH)	00053.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	98.50
LENGTH OFFSET	0048
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5AE357EE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00980
FPAP ORTHOMETRIC HEIGHT	+00980

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CAGUG K60    W     N43142990W073361856                    W0141     NAR          CAGUG
        SUSAEAENRT   EKAKE K60    W     N43082413W073360489                    W0141     NAR          EKAKE
        SUSAEAENRT   GEDNE K60    W     N43081571W073425448                    W0140     NAR          GEDNE
        SUSAEAENRT   IRIGE K60    W     N43243236W073364117                    W0142     NAR          IRIGE
        SUSAEAENRT   JEGOT K60    W     N43083215W073291527                    W0142     NAR          JEGOT
        SUSAEAENRT   TUCDE K60    W     N43144449W073255330                    W0142     NAR          TUCDE
        SUSAEAENRT   WEPAB K60    W     N43244438W073261579                    W0143     NAR          WEPAB

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGFLK6AGFL     0     050YHN43202840W073363710W014000328         1800018000C    MNAR     FLOYD BENNETT MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGFLK6FR01   AEKAKE 010EKAKEK6EA0EE AR   HF                    01240040    + 03000     18000                A JS
        SUSAP KGFLK6FR01   AGEDNE 010GEDNEK6EA0E  A    IF                                        18000                A JS
        SUSAP KGFLK6FR01   AGEDNE 020EKAKEK6EA0EE B 010TF                     10240050    + 03000                          A JS
        SUSAP KGFLK6FR01   AJEGOT 010JEGOTK6EA0E  A    IF                                        18000                A JS
        SUSAP KGFLK6FR01   AJEGOT 020EKAKEK6EA0EE B 010TF                     28250050    + 03000                          A JS
        SUSAP KGFLK6FR01   R      010EKAKEK6EA0E  I    IF                                 + 03000     18000                A JS
        SUSAP KGFLK6FR01   R      020CAGUGK6EA1E  F 051TF                     01240061    + 02200                          A JS
        SUSAP KGFLK6FR01   R      020CAGUGK6EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KGFLK6FR01   R      030RW01 K6PG0GY M 031TF                     01240056      00375            -300          A JS
        SUSAP KGFLK6FR01   R      040         0  M  010CA                     0124        + 00689                          A JS
        SUSAP KGFLK6FR01   R      050IRIGEK6EA0E    010DF                                                                  A JS
        SUSAP KGFLK6FR01   R      060WEPABK6EA0E   R010TFY                    1024                                          A JS
        SUSAP KGFLK6FR01   R      070TUCDEK6EA0E    010TF                    1924                                          A JS
        SUSAP KGFLK6FR01   R      080EKAKEK6EA0EY   010TF                    2437        + 04000                           A JS
        SUSAP KGFLK6FR01   R      090EKAKEK6EA0EE  R020HM                     01240040    + 04000                           A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGFLK6GRW01    0050000124 N43200841W073363125+0100    +0068000322000053150I
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 328 TDZE: 324	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 1, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 05/15/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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 KGFLK6PR01    RW01 001 0000W01A0N4320084100W07336312500+006800300N4320593900W0733633160009850004800053 3F4005005AE357EE
        SUSAP KGFLK6PR01    RW01 002E       +00980+00980LPV        87118
```

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
GLENS FALLS, NY	ELEVATION: 328 TDZE: 324 AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 1, AMDT 1 29 JUL 2010	SUP: AMDT: ORIG DATED: 05/15/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GOCER (IAF)	FIKAT (NOPT) (FB)	087.33 / 5.00	4600
HIRUS (IAF)	FIKAT (NOPT) (FB)	267.49 / 5.00	4600
FIKAT (IF/IAF)	ZOMSI (FB)	177.41 / 5.80	2900
ZOMSI	CIMOT (FB)	177.44 / 1.90	2700

MISSED APPROACH

LNAV: JENAB

CLIMB TO 3000 DIRECT ISKUQ AND ON TRACK 195.10 TO EKAKE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.43 INBOUND.
CHART FAS OBST: 619 TREE 432337N/0733718W
DECAC TO RW19: 3.44/50.
FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N FIKAT, RT, 177.41 INBOUND, 4600 FT. IN LIEU OF PT (IAF)
3. FAC: 177.44 FAF: CIMOT DIST FAF TO MAP: 6.10 THLD: 6.58
4. MIN. ALT: FIKAT 4600, ZOMSI 2900, CIMOT 2700, DECAC/3.20 NM TO JENAB 1720
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: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	880	1	553	880	1	553	880	1 1/2	553	880	1 3/4	553			
CIRCLING	880	1	552	880	1	552	880	1 1/2	552	920	2	592			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 327 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 19, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED 08/28/2003

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TAA

	FROM	TO	ALT
1.	087/30 CW 267/30 (NOPT)	087/9 CW 267/9	7100
2.	087/9 CW 267/9	FIKAT (IF/IAF) (FB)	4600
3.	267/30 CW 357/30	HIRUS (IAF) (FB)	6000
4.	357/30 CW 087/30	GOCER (IAF) (FB)	5500

QUALITY CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 327	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 19, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED: 08/28/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------------------------------
   SUSAEAENRT   CIMOT K60    W     N43271831W073385718                      W0142     NAR           CIMOT
   SUSAEAENRT   DECAC K60    W     N43243148W073374920                      W0142     NAR           DECAC
   SUSAEAENRT   EKAKE K60    W     N43082413W073360489                      W0141     NAR           EKAKE
   SUSAEAENRT   FIKAT K60    W     N43344118W073415830                      W0142     NAR           FIKAT
   SUSAEAENRT   GOCER K60    W     N43331532W073483368                      W0141     NAR           GOCER
   SUSAEAENRT   HIRUS K60    W     N43360666W073352261                      W0143     NAR           HIRUS
   SUSAEAENRT   ISKUQ K60    W     N43193235W073354735                      W0142     NAR           ISKUQ
   SUSAEAENRT   JENAB K60    W     N43212740W073363421                      W0142     NAR           JENAB
   SUSAEAENRT   ZOMSI K60    W     N43290760W073394180                      W0142     NAR           ZOMSI

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------------------------------
   SUSAP KGFLK6AGFL     0     050YHN43202840W073363710W014000328          1800018000C    MNAR    FLOYD BENNETT MEMORIAL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------------------------------
   SUSAP KGFLK6FR19   AFIKAT 010FIKATK6EA0EE AR   HF                      17740050    + 04600     18000                B JS
   SUSAP KGFLK6FR19   AGOCER 010GOCERK6EA0E  A    IF                                              18000                B JS
   SUSAP KGFLK6FR19   AGOCER 020FIKATK6EA0EE B 010TF                       08730050    + 04600                          B JS
   SUSAP KGFLK6FR19   AHIRUS 010HIRUSK6EA0E  A    IF                                              18000                B JS
   SUSAP KGFLK6FR19   AHIRUS 020FIKATK6EA0EE B 010TF                       26750050    + 04600                          B JS
   SUSAP KGFLK6FR19   R      010FIKATK6EA0E  I    IF                                  + 04600     18000                B JS
   SUSAP KGFLK6FR19   R      011ZOMSIK6EA0E S  051TF                       17740058    + 02900                          B JS
   SUSAP KGFLK6FR19   R      020CIMOTK6EA1E  F 051TF                       17740019    + 02700                          B JS
   SUSAP KGFLK6FR19   R      020CIMOTK6EA2WN          N          ALNAV                                                  JS
   SUSAP KGFLK6FR19   R      021DECACK6EA0E S  031TF                       17740029    V 0172001738        -344         B JS
   SUSAP KGFLK6FR19   R      030JENABK6EA0EY M 031TF                       17740032      00558             -344         B JS
   SUSAP KGFLK6FR19   R      040         0  M  010CA                       1774        + 00728                          B JS
   SUSAP KGFLK6FR19   R      050ISKUQK6EA0E    010DF                                                                    B JS
   SUSAP KGFLK6FR19   R      060EKAKEK6EA0EY   010TF                       1951        + 03000                          B JS
   SUSAP KGFLK6FR19   R      070EKAKEK6EA0EE  R020HM                       01240040    + 03000                          B JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 328 TDZE: 327	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GLENS FALLS, NY	AIRPORT NAME: FLOYD BENNETT MEMORIAL	RNAV	RNAV (GPS) RWY 19, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 08/28/2003

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGFLK6GRW19     0050001924 N43205778W073363310-0100     +00695003270000501 50R
```

QUALITY 4 CHECKED

CITY AND STATE				
GLENS FALLS, NY	ELEVATION: 328 TDZE: 327 AIRPORT NAME: FLOYD BENNETT MEMORIAL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 19, AMDT 1 29 JUL 2010	SUP: AMDT: ORIG-A DATED: 08/28/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
VWV VOR/DME	TOMMS (FB)	120.44 / 24.59	2600
DUSKY	FESTR (FB)	016.48 / 11.76	2600
TOMMS (IAF)	ROPPE (NOPT) (FB)	185.05 / 5.00	2400
AMRST (IAF)	ROPPE (NOPT) (FB)	250.81 / 7.90	2400
FESTR (IAF)	ROPPE (NOPT) (FB)	005.05 / 5.00	2400
ROPPE (IF/IAF)	SNIFN (FB)	275.05 / 6.01	2300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW27

CLIMB TO 2500 DIRECT DAVVS AND TRACK 223.96 TO FDY VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 236.00 INBOUND.
CHART FAS OBST: 823 TREE 411133N/0832244W
CHART: 925 TOWER 411110N/0831707W
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 1.20 MILES TO RW27* *LNAV ONLY.
WAAS CHANNEL # 45819
REFERENCE PATH ID: W27A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E ROPPE, RT, 275.05 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
3. FAC: 274.96 FAF: SNIFN DIST FAF TO MAP: 4.68 THLD: 4.68
4. MIN. ALT: ROPPE 2400, SNIFN 2300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: SNIFN 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW27 3100

MAG VAR: 5W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	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	1002	1	250	1002	1	250	1002	1	250		NA				
LNAV/VNAV DA	1131	1 1/4	379	1131	1 1/4	379	1131	1 1/4	379		NA				
LNAV MDA	1160	1	408	1160	1	408	1160	1 1/4	408		NA				
CIRCLING	1280	1	528	1320	1	568	1320	1 1/2	568		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FINDLAY ALTIMETER SETTING AND INCREASE
SEE 8260-10

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 752 TDZE: 752	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FOSTORIA, OH	AIRPORT NAME: FOSTORIA METROPOLITAN	RNAV	RNAV (GPS) RWY 27, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED 03/12/2009

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
ALL DA 47 FEET AND ALL MDA 60 FEET, INCREASE LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FINDLAY ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON VWV VOR/DME AIRWAY RADIALS 093 CW 150.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 752 TDZE: 752	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FOSTORIA, OH	AIRPORT NAME: FOSTORIA METROPOLITAN	RNAV	RNAV (GPS) RWY 27, AMDT 1 29 JUL 2010	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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFZI
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	411127.0510N
LTP/FTP LONGITUDE	0832302.3135W
LTP/FTP ELLIPSOIDAL HEIGHT	+01939
FPAP LATITUDE	411126.8600N
FPAP LONGITUDE	0832500.3300W
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	7FED6986

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02291
FPAP ORTHOMETRIC HEIGHT	+02291

QUALITY CHECKED

CITY AND STATE	ELEVATION: 752 TDZE: 752	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FOSTORIA, OH	AIRPORT NAME: FOSTORIA METROPOLITAN	RNAV	RNAV (GPS) RWY 27, AMDT 1 29 JUL 2010	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.

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        FDY   K5010820VTL  N40571920W083452169     N40571920W083452169W0020008201     NARFINDLAY                    I
        SUSAD        VWV   K5011310VDL  N41270535W083381930     N41270535W083381930W0020006641     NARWATERVILLE                 I

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMRST K50    C   B N41144218W082591980                    W0071    NAR          AMRST                         I
        SUSAEAENRT   DAVVS K50    W     N41112615W083301944                    W0067    NAR          DAVVS                         I
        SUSAEAENRT   DUSKY K50    C   L N40545555W083115879                    W0069    NAR          DUSKY                         I
        SUSAEAENRT   FESTR K50    W     N41062723W083085309                    W0070    NAR          FESTR                         I
        SUSAEAENRT   ROPPE K50    W     N41112741W083085274                    W0070    NAR          ROPPE                         I
        SUSAEAENRT   SNIFN K50    W     N41112742W083165068                    W0069    NAR          SNIFN                         I
        SUSAEAENRT   TOMMS K50    W     N41162759W083085239                    W0070    NAR          TOMMS                         I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5AFZI     0     050YHN41112700W083233510W005000752        1800018000C    MNAR    FOSTORIA METROPOLITAN         I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5FR27   AAMRST 010AMRSTK5EA0E  A    IF                                                  18000                A JS   I
        SUSAP KFZIK5FR27   AAMRST 020ROPPEK5EA0EE B 010TF                    25080079    + 02400                                A JS   I
        SUSAP KFZIK5FR27   ADUSKY 010DUSKYK5EA0E       IF                                                  18000                A JS   I
        SUSAP KFZIK5FR27   ADUSKY 020FESTRK5EA0E  A 020TF                    01650118    + 02600                                A JS   I
        SUSAP KFZIK5FR27   ADUSKY 030ROPPEK5EA0EE B 010TF                    00510050    + 02400                                A JS   I
        SUSAP KFZIK5FR27   AROPPE 010ROPPEK5EA0EE AR   HF                   27510040    + 02400     18000                      A JS   I
        SUSAP KFZIK5FR27   AVWV   010VWV  K5D 0V       IF                                                  18000                A JS   I
        SUSAP KFZIK5FR27   AVWV   020TOMMSK5EA0E  A 020TF                    12040246    + 02600                                A JS   I
        SUSAP KFZIK5FR27   AVWV   030ROPPEK5EA0EE B 010TF                    18510050    + 02400                                A JS   I
        SUSAP KFZIK5FR27   R      010ROPPEK5EA0E  I    IF                                 + 02400     18000                      A JS   I
        SUSAP KFZIK5FR27   R      020SNIFNK5EA1E  F 051TF                    27510060    + 02300                 RW27  K5PGA  JS   I
        SUSAP KFZIK5FR27   R      020SNIFNK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS   I
        SUSAP KFZIK5FR27   R      030RW27 K5PG0GY M 031TF                    27500047      00792                -300          A JS   I
        SUSAP KFZIK5FR27   R      040         0  M  010CA                    2750        + 01002                              A JS   I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 752 TDZE: 752	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FOSTORIA, OH	AIRPORT NAME: **FOSTORIA METROPOLITAN**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 1** 29 JUL 2010	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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5FR27   R      050DAVVSK5EA0E    010DF                                                          A JS   I
        SUSAP KFZIK5FR27   R      060FDY  K5D 0VY   010TF                    2240        + 02500                    A JS   I
        SUSAP KFZIK5FR27   R      070FDY  K5D 0VE  R020HM                    23600040    + 02500                    A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5GRW27    0050052749 N41112705W083230231+0000    +0193900752000040100R                                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5PR27   RW27 001 0000W27A0N4111270510W08323023135+019390300N4111268600W0832500330010675122400040OF4005007FED6986I
        SUSAP KFZIK5PR27   RW27 002E      +02291+02291LPV       45819                                                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFZIK5SRW27 K5PG               0   18018003125                                                          M   I
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 752 TDZE: 752	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FOSTORIA, OH	AIRPORT NAME: **FOSTORIA METROPOLITAN**	**RNAV**	**RNAV (GPS) RWY 27, AMDT 1** 29 JUL 2010	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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 17, 35 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, MULTIPLE TREES 620' FROM DER, 176' LEFT OF CENTERLINE, UP TO 41' AGL/1,111' MSL. MULTIPLE LIGHT POLES 1,408' FROM DER, 650' LEFT OF CENTERLINE, UP TO 39' AGL/1,109' MSL. MULTIPLE TREES 165' FROM DER, 85' RIGHT OF CENTERLINE, UP TO 43' AGL/1,103' MSL.

NOTE: RWY 35, TREE 93' FROM DER, 499' LEFT OF CENTERLINE, 15' AGL/1,075' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
SHAWNEE, OK	SHAWNEE RGNL	29 JUL 2010	ORIG

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OTH VORTAC	EMIRE LOM/OTH 6.32 DME	240.68 / 6.32	3000
RARES/OTH 16.00 DME CCW (IAF)	MITUE/OTH 16.00 DME (NOPT)	16.00 DME ARC (OTH LR-238)	2600
LUPCI/OTH 16.00 DME CW (IAF)	MITUE/OTH 16.00 DME (NOPT)	16.00 DME ARC (OTH LR-222)	2400
MITUE/OTH 16.00 DME (IF)	LEAST/OTH 8.75 DME	042.66 / 7.35 (I-OTH)	1300
LEAST/OTH 8.75 DME	EMIRE LOM/OTH 6.32 DME	042.66 / 2.52 (I-OTH)	1000

MISSED APPROACH

ILS: DA
ILS: DA
LOC: 2.48 MILES AFTER EMIRE LOM

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2300 DIRECT EMIRE LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2300; OR WHEN DIRECTED BY ATC, CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3600 DIRECT OTH VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600 , HOLD W, RT, 74.00 INBOUND.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 042.74 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD W OTH VORTAC, RT, 074.00 INBOUND.
CHART FAS OBST: 140 SHIP ON WATER 432422N/1241642W
CHART OTH R-005 AT RARES.
CHART OTH R-164 AT LUPCI.
CHART IN PLANVIEW: OTH VORTAC.
CHART: MAX 6000 AT EMIRE LOM.

1. PT L SIDE OF COURSE 222.66 OUTBOUND 2000 FT WITHIN 10 MILES OF EMIRE LOM (IAF)
2.
3. FAC: 042.66 FAF: EMIRE LOM/OTH 6.32 DME DIST FAF TO MAP: 2.48 THLD: 2.48
4. MIN. ALT: LEAST 1300, EMIRE LOM 1000
5. DIST TO THLD FROM OM: 2.48 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1001
6. MIN GS INCPT: 1000 GS ALT AT: GS INTCP OM: 861 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 50.7
8. MSA FROM: OT OM 040-130 4300, 130-220 3400, 220-310 2000, 310-040 3400

MAG VAR: 18E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 4	216	1/2	200	216	1/2	200	216	1/2	200	216	1/2	200			
S-ILS 4	321	1/2	305	321	1/2	305	321	1/2	305	321	1/2	305			
S-LOC 4	420	1/2	404	420	1/2	404	420	3/4	404	420	3/4	404			
CIRCLING	740	1	723	740	1	723	820	2 1/4	803	1060	3	1043			

NOTES:
CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 4 VISIBILITY TO 1 MILE ALL CATS.
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART PLANVIEW NOTE: ##MISSED APPROACH REQUIRES A MINIMUM CLIMB OF 271 FEET PER NM TO 1200.

CAT A, B 800-2, CAT C 900-2 1/4, CAT D 1100-3
@ CAT C 900-2 1/4, CAT D 1100-3

CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	I-OTH	ILS OR LOC RWY 4, AMDT 7 29 JUL 2010	AMDT: 6B
				DATED 04/10/2008

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OTH VORTAC	EMIRE LOM	240.68 / 6.32	3000

MISSED APPROACH

MAP: 2.49 MILES AFTER EMIRE LOM

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2100 DIRECT EMIRE LOM AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2100.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 042.74 INBOUND.
CHART FAS OBST: 369 TREE 432416N/1241519W
EMIRE LOM TO RW04: 3.55/45.
CHART: MAX 6000 AT EMIRE LOM

1. PT L SIDE OF COURSE 222.74 OUTBOUND 2000 FT WITHIN 10 MILES OF EMIRE LOM (IAF)
2.
3. FAC 042.74 FAF EMIRE LOM DIST FAF TO MAP 2.49 THLD 2.49
4. MIN. ALT EMIRE LOM 1000
8. MSA FROM: OT LOM 040-130 4300, 130-220 3400, 220-310 2000, 310-040 3400

MAG VAR: 18E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-4	680	3/4	664	680	3/4	664	680	1 1/4	664	680	1 3/4	664			
CIRCLING	740	1	723	740	1	723	820	2 1/4	803	1060	3	1043			

NOTES:

CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ CAT C 900-2 1/4, CAT D 1100-3

CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 4
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	OT	NDB RWY 4, AMDT 5 29 JUL 2010	AMDT 4B
				DATE 04/28/1994

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RARES	FEVAS (FB)	217.27 / 28.73	4100
LUPCI	GAMLL (FB)	277.13 / 13.06	3400
FEVAS (IAF)	MITUE (FB)	132.45 / 5.00	2400
GAMLL (IAF)	MITUE (FB)	312.53 / 5.00	2400
MITUE (IF)	OXVAK (FB)	042.49 / 8.52	1300

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 6000 DIRECT RUNUE AND ON TRACK 012.28 TO RARES AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 185.37 INBOUND.
CHART FAS OBST: 180 TREE 432357N/1241619W
CHART FAS OBST: 196 TREE 432439N/1241517W
DISTANCE TO THLD FROM 300 HAT: 0.78 NM.
CHART VDP AT 2.05 MILES TO RW04* *LNAV ONLY.
WAAS CHANNEL # 82416
REFERENCE PATH ID: W04A

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT MITUE
3. FAC: 042.61 FAF: OXVAK DIST FAF TO MAP: 3.83 THLD: 3.83
4. MIN. ALT: MITUE 2400, OXVAK 1300
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1300 GS ALT AT: OXVAK 1300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.7 34:1 IS CLEAR
8. MSA FROM: RW04 4300

MAG VAR: 18E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	316	1/2	300	316	1/2	300	316	1/2	300	316	1/2	300			
LNAV/VNAV DA	687	1 3/4	671	687	1 3/4	671	687	1 3/4	671	687	1 3/4	671			
LNAV MDA	720	1/2	704	720	1/2	704	720	1 1/2	704	720	1 3/4	704			
CIRCLING	740	1	723	740	1	723	820	2 1/4	803	1060	3	1043			

NOTES:
CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.
@ CAT C 900-2 1/4, CAT D 1100-3
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV VISIBILITY TO 1 MILE, ALL CATS.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RARES ON V287-536 NORTHBOUND.

CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	RNAV	RNAV (GPS) Y RWY 4, ORIG 29 JUL 2010	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	KOTH
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	432453.0245N
LTP/FTP LONGITUDE	1241538.1520W
LTP/FTP ELLIPSOIDAL HEIGHT	-00210
FPAP LATITUDE	432521.9500N
FPAP LONGITUDE	1241427.5100W
THRESHOLD CROSSING HEIGHT (TCH)	00050.7
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	112.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D2D0F75E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+00049
FPAP ORTHOMETRIC HEIGHT	+00049

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ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FEVAS K10    W     N43231008W124334539                    E0161     NAR           FEVAS                  G
          SUSAEAENRT   GAMLL K10    W     N43142782W124270057                    E0160     NAR           GAMLL                  G
          SUSAEAENRT   LUPCI K10    R   L N43085615W124105005                    E0159     NAR           LUPCI                  G
          SUSAEAENRT   MITUE K10    C     N43184900W124302274                    E0160     NAR           MITUE                  G
          SUSAEAENRT   OXVAK K10    W     N43230026W124201298                    E0160     NAR           OXVAK                  G
          SUSAEAENRT   RARES K10    C   L N43393693W124012229                    E0161     NAR           RARES                  G
          SUSAEAENRT   RUNUE K10    W     N43262118W124120278                    E0160     NAR           RUNUE                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOTHK1AOTH     0     059YHN43250100W124144930E018000017         1800018000C    MNAR    SOUTHWEST OREGON RGNL         G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOTHK1FR04-Y ALUPCI 010LUPCIK1EA0E       IF                                          18000                A JS   G
          SUSAP KOTHK1FR04-Y ALUPCI 020GAMLLK1EA0E  A 020TF                    27710131    + 03400                        A JS   G
          SUSAP KOTHK1FR04-Y ALUPCI 030MITUEK1EA0EE B 010TF                    31250050    + 02400                        A JS   G
          SUSAP KOTHK1FR04-Y ARARES 010RARESK1EA0E       IF                                          18000                A JS   G
          SUSAP KOTHK1FR04-Y ARARES 020FEVASK1EA0E  A 020TF                    21730287    + 04100                        A JS   G
          SUSAP KOTHK1FR04-Y ARARES 030MITUEK1EA0EE B 010TF                    13250050    + 02400                        A JS   G
          SUSAP KOTHK1FR04-Y R      010MITUEK1EA0E  I    IF                                 + 02400     18000              A JS   G
          SUSAP KOTHK1FR04-Y R      020OXVAKK1EA1E  F 051TF                    04250085    + 01300                RW04 AK1PGA JS   G
          SUSAP KOTHK1FR04-Y R      020OXVAKK1EA2WALPV       ALNAV/VNAV ALNAV                                                JS   G
          SUSAP KOTHK1FR04-Y R      030RW04 K1PG0GY M 031TF                    04260038      00067            -300          A JS   G
          SUSAP KOTHK1FR04-Y R      040         0   M 010CA                    0426        + 00316                        A JS   G
          SUSAP KOTHK1FR04-Y R      050RUNUEK1EA0E    010DF                                                              A JS   G
          SUSAP KOTHK1FR04-Y R      060RARESK1EA0EY   010TF                    0123        + 06000                        A JS   G
          SUSAP KOTHK1FR04-Y R      070RARESK1EA0EE   R020HM                   18540050    + 06000                        A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOTHK1GRW04    0059800427 N43245302W124153815+0000    -00210000160000511501                                    G
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CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	RNAV	RNAV (GPS) Y RWY 4, ORIG 29 JUL 2010	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    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KOTHK1PR04-Y RW04 001Y0000W04A0N4324530245W12415381520-00210030ON4325219500W12414275100112500000000507F400500D2D0F75EG
      SUSAP KOTHK1PR04-Y RW04 002E      +00049+00049LPV       82416                                                              G

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KOTHK1SRW04 K1PGA              0   18018004325                                                                  M   G
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CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	RNAV	RNAV (GPS) Y RWY 4, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GAMMA (IAF)	KISEY (TF) (FB) (RNP 1.00)	194.41/19.03	3300
RARES (IAF)	KISEY (TF) (FB) (RNP 1.00)	216.72/18.66	3300
SCOTY (IAF)	KISEY (TF) (FB) (RNP 1.00)	232.37/20.47	3300
KISEY (IF)	HOTLY (TF) (FB) (RNP 1.00)	222.63/3.70	2800
HOTLY	FOGIX (RF) (FB) (RNP 1.00)	(2.90 NM RADIUS CCW AYIFY)/9.11	1900
LEDGE (IAF)	NUJNI (TF) (FB) (RNP 1.00)	304.37/8.10	2400
NUJNI (IF)	PIVLY (TF) (FB) (RNP 1.00)	305.31/7.70	2400
CONT'D ON PAGE 2			

MISSED APPROACH

MAP: DA

CLIMB TO 2900 ON TRACK 042.66 TO EJLEL, AND VIA LEFT TURN TO ERQAS, AND ON TRACK 135.21 TO OTH VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 074.00 INBOUND
CHART FAS OBST: 180 TREE 432357N/1241619W
DISTANCE TO THLD FROM 263 HAT: 0.67NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH 66.8 MSL (DO NOT CHART)

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FOGIX
3. FAC: 042.61 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: 3.83 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1300 GS ALT AT: OXVAK 1300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.7# 34:1 IS NOT CLEAR
8. MSA FROM: RW 04 4400

MAG VAR: 18E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
SPECIAL AIRCRAFT AND AIRCREW AUTHORIZATION REQUIRED															
RNP 0.11 DA **	279	3/4	263	279	3/4	263	279	3/4	263	279	3/4	263			
RNP 0.30 DA ##	486	1 1/4	470	486	1 1/4	470	486	1 1/4	470	486	1 1/4	470			
RNP 0.30 DA	584	1 1/2	568	584	1 1/2	568	584	1 1/2	568	584	1 1/2	568			

NOTES: CHART NOTES: RF AND GPS REQUIRED. WHEN LOCAL ALTIMETER NOT RECEIVED, PROCEDURE NA.
FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -3C (27F) OR ABOVE 48C (118F).
CHART PLANVIEW NOTE AT KISEY, NUJNI, JISDI, HIVOR: MAX 180 KIAS.
CHART PLANVIEW NOTE: **MISSED APPROACH REQUIRES MINIMUM CLIMB GRADIENT OF 400 FT PER NM TO 1200.
CHART PLANVIEW NOTE: ##MISSED APPROACH REQUIRES MINIMUM CLIMB GRADIENT OF 250 FT PER NM TO 2400.

CITY AND STATE	ELEVATION: 17 TDZE: 16 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NORTH BEND, OR	SOUTHWEST OREGON RGNL	RNAV	29 JUL 2010 RNAV (RNP) Z RWY 4, ORIG	AMDT: NONE DATE

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DEROY (IAF)	JISDI (TF) (FB) (RNP 1.00)	250.80/11.38	3200
SOZKY (IAF)	JISDI (TF) (FB) (RNP 1.00)	234.69/14.76	3200
JISDI (IF)	HEKNO (TF) (FB) (RNP 1.00)	253.74/5.00	2500
OTH VORTAC (IAF)	HIVOR (TF) (FB) (RNP 1.00)	198.10/6.12	2500
HIVOR (IF)	IPOVY (TF) (FB) (RNP 1.00)	198.05/3.00	2500
IPOVY	HEKNO (RF) (FB) (RNP 1.00)	(3.00 NM RADIUS CW ERUJE)/2.91	2500
HEKNO	PIVLY (RF) (FB) (RNP 1.00)	(3.00 NM RADIUS CW ERUJE)/2.70	2400
PIVLY	FOGIX (RF) (FB) (RNP 1.00)	(3.00 NM RADIUS CW ERUJE)/5.10	1900
FOGIX	OXVAK (TF) (FB) (RNP 1.00)	042.58/2.17	1300
OXVAK (FAF)	RW04 (TF) (FO)	042.61/3.83	
RW04 (MAP)	EJLEL (TF) (FB) (RNP 1.00)	042.66/8.70	
EJLEL	ERQAS (RF) (FB) (RNP 1.00)	(4.85 NM RADIUS CCW CUMOD)/22.63	
ERQAS	OTH VORTAC (TF) (FO) (RNP 1.00)	135.21/7.00	2900

NOTES (CONT'D)

CHART NOTE: FOR INOPERATIVE MALSR. INCREASE RNP 0.11** VISIBILITY TO 1 MILE ALL CATS. INCREASE RNP 0.30## VISIBILITY TO 1 ¾ MILES ALL CATS. INCREASE RNP 0.30 VISIBILITY TO 2 MILES ALL CATS.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS

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 PACKET - 424-18 - RNAV (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD       OTH   K1011210VTLA N43245582W124100668    N43245605W124100818E0180007071     NARNORTH BEND

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AYIFY K10    W  R  N43242794W124244563                    E0161     NAR           AYIFY
        SUSAEAENRT   CUMOD K10    W  R  N43332199W124082928                    E0161     NAR           CUMOD
        SUSAEAENRT   DEROY K10    C   L N43162600W123582938                    E0160     NAR           DEROY
        SUSAEAENRT   EJLEL K10    W  R  N43290836W124051310                    E0161     NAR           EJLEL
        SUSAEAENRT   ERQAS K10    W  R  N43311068W124142631                    E0161     NAR           ERQAS
        SUSAEAENRT   ERUJE K10    W  R  N43191954W124204724                    E0161     NAR           ERUJE
        SUSAEAENRT   FOGIX K10    W  R  N43215637W124224837                    E0161     NAR           FOGIX
        SUSAEAENRT   GAMMA K10    C   L N43445333W124081682                    E0162     NAR           GAMMA
        SUSAEAENRT   HEKNO K10    W  R  N43161958W124205429                    E0161     NAR           HEKNO
        SUSAEAENRT   HIVOR K10    W  R  N43195913W124150293                    E0161     NAR           HIVOR
        SUSAEAENRT   HOTLY K10    W  R  N43265951W124264296                    E0161     NAR           HOTLY
        SUSAEAENRT   IPOVY K10    W  R  N43173354W124172797                    E0161     NAR           IPOVY
        SUSAEAENRT   JISDI K10    W  R  N43161067W124140358                    E0160     NAR           JISDI
        SUSAEAENRT   KISEY K10    W  R  N43284849W124221737                    E0161     NAR           KISEY
        SUSAEAENRT   LEDGE K10    C   L N43045623W124110084                    E0160     NAR           LEDGE
        SUSAEAENRT   NUJNI K10    W  R  N43112108W124174646                    E0160     NAR           NUJNI
        SUSAEAENRT   OXVAK K10    W  R  N43230026W124201298                    E0161     NAR           OXVAK
        SUSAEAENRT   PIVLY K10    W  R  N43173169W124240464                    E0161     NAR           PIVLY
        SUSAEAENRT   RARES K10    C   L N43393693W124012229                    E0161     NAR           RARES
        SUSAEAENRT   SCOTY K10    C   L N43354410W123554872                    E0161     NAR           SCOTY
        SUSAEAENRT   SOZKY K10    C   L N43203590W123544596                    E0160     NAR           SOZKY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOTHK1AOTH     0     059YHN43250100W124144930E018000017        1800018000C    MNAR    SOUTHWEST OREGON REGIONAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOTHK1FR04-Z ADEROY 010DEROYK1EA0E  A    IF                                                18000              A PS
        SUSAP KOTHK1FR04-Z ADEROY 020JISDIK1EA0E  B 010TF                    25080114    + 03200          180              A-PS
        SUSAP KOTHK1FR04-Z ADEROY 030HEKNOK1EA0E    010TF                    25370050    + 02500                           A PS
        SUSAP KOTHK1FR04-Z ADEROY 040PIVLYK1EA0E   R010RF       0030002537    30530027    + 02400                ERUJE K1EAA PS
        SUSAP KOTHK1FR04-Z ADEROY 050FOGIXK1EA0E   R010RF       0030003053    04260051    + 01900                ERUJE K1EAA PS
        SUSAP KOTHK1FR04-Z ADEROY 060OXVAKK1EA0EE   010TF                    04260022    + 01300                           A PS
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CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: **SOUTHWEST OREGON REGIONAL**	**RNAV**	**RNAV (RNP) Z RWY 4, ORIG** 29 JUL 2010	AMDT: **NONE**
				DATED:

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SUSAP KOTHK1FR04-Z AGAMMA 010GAMMAK1EA0E  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z AGAMMA 020KISEYK1EA0E  B 010TF                      19440190    + 03300          180                A-PS
SUSAP KOTHK1FR04-Z AGAMMA 030HOTLYK1EA0E    010TF                      22260037    + 02800                             A PS
SUSAP KOTHK1FR04-Z AGAMMA 040FOGIXK1EA0E   L010RF       0029002226     04260091    + 01900                  AYIFY K1EAA PS
SUSAP KOTHK1FR04-Z AGAMMA 050OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z ALEDGE 010LEDGEK1EA0E  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z ALEDGE 020NUJNIK1EA0E  B 010TF                      30440081    + 02400          180                A-PS
SUSAP KOTHK1FR04-Z ALEDGE 030PIVLYK1EA0E    010TF                      30530077    + 02400                             A PS
SUSAP KOTHK1FR04-Z ALEDGE 040FOGIXK1EA0E   R010RF       0030003053     04260051    + 01900                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z ALEDGE 050OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z AOTH   010OTH  K1D 0V  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z AOTH   020HIVORK1EA0E  B 010TF                      19810061    + 02500          180                A-PS
SUSAP KOTHK1FR04-Z AOTH   030IPOVYK1EA0E    010TF                      19810030    + 02500                             A PS
SUSAP KOTHK1FR04-Z AOTH   040HEKNOK1EA0E   R010RF       0030001981     25370029    + 02500                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z AOTH   050PIVLYK1EA0E   R010RF       0030002537     30530027    + 02400                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z AOTH   060FOGIXK1EA0E   R010RF       0030003053     04260051    + 01900                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z AOTH   070OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z ARARES 010RARESK1EA0E  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z ARARES 020KISEYK1EA0E  B 010TF                      21670187    + 03300          180                A-PS
SUSAP KOTHK1FR04-Z ARARES 030HOTLYK1EA0E    010TF                      22260037    + 02800                             A PS
SUSAP KOTHK1FR04-Z ARARES 040FOGIXK1EA0E   L010RF       0029002226     04260091    + 01900                  AYIFY K1EAA PS
SUSAP KOTHK1FR04-Z ARARES 050OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z ASCOTY 010SCOTYK1EA0E  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z ASCOTY 020KISEYK1EA0E  B 010TF                      23240205    + 03300          180                A-PS
SUSAP KOTHK1FR04-Z ASCOTY 030HOTLYK1EA0E    010TF                      22260037    + 02800                             A PS
SUSAP KOTHK1FR04-Z ASCOTY 040FOGIXK1EA0E   L010RF       0029002226     04260091    + 01900                  AYIFY K1EAA PS
SUSAP KOTHK1FR04-Z ASCOTY 050OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z ASOZKY 010SOZKYK1EA0E  A    IF                                                  18000                A PS
SUSAP KOTHK1FR04-Z ASOZKY 020JISDIK1EA0E  B 010TF                      23470148    + 03200          180                A-PS
SUSAP KOTHK1FR04-Z ASOZKY 030HEKNOK1EA0E    010TF                      25370050    + 02500                             A PS
SUSAP KOTHK1FR04-Z ASOZKY 040PIVLYK1EA0E   R010RF       0030002537     30530027    + 02400                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z ASOZKY 050FOGIXK1EA0E   R010RF       0030003053     04260051    + 01900                  ERUJE K1EAA PS
SUSAP KOTHK1FR04-Z ASOZKY 060OXVAKK1EA0EE   010TF                      04260022    + 01300                             A PS
SUSAP KOTHK1FR04-Z R      020OXVAKK1EA1E  F    IF                                 + 01300     18000        RW04 BK1PGA PS
SUSAP KOTHK1FR04-Z R      020OXVAKK1EA2W                                              A031A112                         PS
SUSAP KOTHK1FR04-Z R      030RW04 K1PG0GY M 031TF                      04260038      00067              -300          A PS
SUSAP KOTHK1FR04-Z R      040EJLELK1EA0E M  010TF                      04270087                                         A PS
SUSAP KOTHK1FR04-Z R      050ERQASK1EA0E   L010RF       0048500427     13520226                                 CUMOD K1EAA PS
SUSAP KOTHK1FR04-Z R      060OTH   K1D 0VY   010TF                     13520070    + 02900                             A PS
SUSAP KOTHK1FR04-Z R      070OTH   K1D 0VE  R020HM                     07400040    + 02900                             A PS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KOTHK1GRW04     0059800427 N43245302W124153815+0000     -0021000016000051150I

                1         2         3         4         5         6         7         8         9         0         1         2         3
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CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: **SOUTHWEST OREGON REGIONAL**	**RNAV**	**RNAV (RNP) Z RWY 4, ORIG**	AMDT: **NONE**
			29 JUL 2010	DATED:

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MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOTHK1SRW04 K1PGB              0   18018004425                                                              M
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CITY AND STATE	ELEVATION: 17 TDZE: 16	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON REGIONAL	RNAV	RNAV (RNP) Z RWY 4, ORIG 29 JUL 2010	AMDT: NONE DATED:

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: 3.01 MILES AFTER VORTAC

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3600 DIRECT OTH VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 074.00 INBOUND.
CHART FAS OBST: 669 TREE 432600N/1241145W
CHART: 853 TREE 432457N/1241009W.

1. PT **R** SIDE OF COURSE **072.00** OUTBOUND **4000** FT WITHIN **10** MILES OF **OTH VORTAC** (IAF)
2.
3. FAC **254.00** FAF **OTH VORTAC** DIST FAF TO MAP **3.01** THLD
4. MIN. ALT **OTH VORTAC 2400**
8. MSA FROM: **OTH VORTAC 190-350 2700, 350-080 3900, 080-190 4600**

MAG VAR: **18E** EPOCH YEAR:**1995**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1200	1 1/4	1183	1200	1 1/2	1183	1200	3	1183	1200	3	1183			

NOTES:

CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.

@ CAT A, B 1200-2, CAT C, D 1200-3

CITY AND STATE	ELEVATION: 17 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP / AMDT / DATE
NORTH BEND, OR	**SOUTHWEST OREGON RGNL**	**OTH**	**VOR-A, AMDT 5** 29 JUL 2010	SUP **VOR OR GPS-A** / AMDT **4** / DATE **05/10/2007**

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

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OLINE/OTH 10.00 DME CCW (IAF)	COOSE/OTH 10.00 DME	10.00 DME ARC	3900
YUPVU/OTH 10.00 DME CW (IAF)	COOSE/OTH 10.00 DME	10.00 DME ARC	3900
COOSE/OTH 10.00 DME (IF)	JORAN/OTH 6.00 DME	254.00 / 4.00 (OTH R-074)	3000
JORAN/OTH 6.00 DME	NEWRI/OTH 2.00 DME	254.00 / 4.00 (OTH R-074)	2500
NEWRI/OTH 2.00 DME	OTH VORTAC	254.00 / 2.00	1900

MISSED APPROACH

MAP: MAHIZ/OTH 3.01 DME FIX

CLIMB TO 2500 THEN CLIMBING RIGHT TURN TO 3600 DIRECT OTH VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 074.00 INBOUND.
CHART FAS OBST: 298 TREE 432407N/1241333W
CHART 669 TREE 432600N/1241145W.
CHART 853 TREE 432457N/1241009W.
CHART 367 TREE 432556N/1241216W.
CHART OTH R-346 AT YUPVU.
CHART OTH R-164 AT OLINE.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT COOSE/OTH 10.00 DME
3. FAC 254.00 FAF OTH VORTAC DIST FAF TO MAP ____ THLD ____
4. MIN. ALT COOSE 3900, JORAN 3000, NEWRI 2500, NEWRI 1900, CIYTY/OTH 2.00 DME 1100
8. MSA FROM: OTH VORTAC 190-350 2700, 350-080 3900, 080-190 4600

MAG VAR: 18E EPOCH YEAR:1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	740	1	723	740	1	723	820	2 1/4	803	1060	3	1043			

NOTES:

CHART NOTE: CIRCLING TO RWY 22 NA AT NIGHT.

@ CAT C 900-2 1/4, CAT D 1100-3

CITY AND STATE	ELEVATION: 17 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-B
NORTH BEND, OR	AIRPORT NAME: SOUTHWEST OREGON RGNL	OTH	VOR/DME-B, AMDT 4 29 JUL 2010	AMDT 3 DATE 05/10/2007

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CHS VORTAC	DYB NDB	314.70 / 15.69	2100
VAN VORTAC	DYB NDB	166.74 / 26.21	2100
SACKS INT	DYB NDB	109.28 / 18.06	2100

MISSED APPROACH

MAP: DYB NDB

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2100 DIRECT DYB NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 067.32 INBOUND.
FAS OBST: 269 AAO 330143N/0802242W
FAC CROSSES RWY C/L EXTENDED 3000 FROM THLD.

1. PT R SIDE OF COURSE 247.32 OUTBOUND 2100 FT WITHIN 10 MILES OF DYB NDB (IAF)
2.
3. FAC 067.32 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: DYB NDB 2100

MAG VAR: 7W EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-6	880	1	824	880	1 1/4	824	880	2 1/2	824		NA				
CIRCLING	880	1	824	880	1 1/4	824	880	2 1/2	824		NA				

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 6
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	DYB	NDB RWY 6, AMDT 1 29 JUL 2010	AMDT ORIG-C
				DATE 06/05/2008

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HERMN	INARE (FO)	246.32 / 28.99	2600
SACKS (IAF)	INARE (NOPT) (FB)	148.13 / 14.32	2600
INARE (IF/IAF)	OMOLY (FB)	055.96 / 6.04	1700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 2600 DIRECT PROSO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW INARE, LT, 055.96 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 056.01 FAF: OMOLY DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: INARE 2600, OMOLY 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1700 GS ALT AT: OMOLY 1700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS CLEAR
8. MSA FROM: RW06 2400

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 236.15 INBOUND.
CHART FAS OBST: 155 TREE 330325N/0801825W
FAS OBST: 269 AAO 330125N/0802142W
DISTANCE TO THLD FROM 200 HAT: 0.57 NM.
CHART VDP AT 1.90 MILES TO RW06* *LNAV ONLY.
WAAS CHANNEL # 49018
REFERENCE PATH ID: W06A

MAG VAR: 7W EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	256	1	200	256	1	200	256	1	200		NA				
LNAV/VNAV DA	582	2	526	582	2	526	582	2	526		NA				
LNAV MDA	740	1	684	740	1	684	740	2	684		NA				
CIRCLING	860	1	804	860	1 1/4	804	860	2 1/4	804		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HERMN VIA V437 NORTH BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SACKS VIA V18-311 NORTHWEST BOUND.
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	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.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON ALTIMETER SETTING AND INCREASE ALL DA 38 FEET AND MDA 40 FEET, INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING CHARLESTON ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: **SUMMERVILLE**	**RNAV**	**RNAV (GPS) RWY 6, ORIG** 29 JUL 2010	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	KDYB
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	330336.3745N
LTP/FTP LONGITUDE	0801701.9875W
LTP/FTP ELLIPSOIDAL HEIGHT	-00186
FPAP LATITUDE	330434.8700N
FPAP LONGITUDE	0801541.9000W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1624
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	6820B312

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00136
FPAP ORTHOMETRIC HEIGHT	+00136

QUALITY CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HERMN K70    C   L N33111257W079572030                      W0075     NAR          HERMN
        SUSAEAENRT   INARE K70    W     N32561981W080265807                      W0071     NAR          INARE
        SUSAEAENRT   OMOLY K70    W     N33001797W080213322                      W0072     NAR          OMOLY
        SUSAEAENRT   PROSO K70    W     N33111524W080063238                      W0074     NAR          PROSO
        SUSAEAENRT   SACKS K70    C   L N33073038W080373866                      W0070     NAR          SACKS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDYBK7ADYB      0     037YHN33034840W080164560W007000056         1800018000C    MNAR    SUMMERVILLE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDYBK7FR06   AHERMN 010HERMNK7EA0E       IF                                          18000                A JS
        SUSAP KDYBK7FR06   AHERMN 020INAREK7EA0EY   020TF                    24630290    + 02600                      A JS
        SUSAP KDYBK7FR06   AHERMN 030INAREK7EA0EE AL   HF                    05600040    + 02600                      A JS
        SUSAP KDYBK7FR06   ASACKS 010SACKSK7EA0E  A    IF                                          18000                A JS
        SUSAP KDYBK7FR06   ASACKS 020INAREK7EA0EE B 010TF                    14810143    + 02600                      A JS
        SUSAP KDYBK7FR06   R      010INAREK7EA0E  I    IF                                + 02600    18000             A JS
        SUSAP KDYBK7FR06   R      020OMOLYK7EA1E  F 051TF                    05600060    + 01700              RW06  K7PGA JS
        SUSAP KDYBK7FR06   R      020OMOLYK7EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KDYBK7FR06   R      030RW06 K7PG0GY M 031TF                    05600050      00075          -300         A JS
        SUSAP KDYBK7FR06   R      040         0  M  010CA                    0560        + 00256                      A JS
        SUSAP KDYBK7FR06   R      050PROSOK7EA0EY   010DF                                + 02600                      A JS
        SUSAP KDYBK7FR06   R      060PROSOK7EA0EE  R020HM                    23620040    + 02600                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDYBK7GRW06     0037000561 N33033637W080170199+0200     -001860004500003007SR

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDYBK7PR06   RW06 001 0000W06A0N3303363745W08017019875-001860300N3304348700W080154190001067516240003O0F4003506820B312
```

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	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.

```
      SUSAP KDYBK7PR06    RW06 002E       +00136+00136LPV        49018

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------
      SUSAP KDYBK7SRW06 K7PG                 0    18018002425                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	RNAV	RNAV (GPS) RWY 6, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SACKS	PROSO (FO)	088.71 / 26.38	2600
HERMN (IAF)	PROSO (NOPT) (FB)	277.37 / 7.72	2600
PROSO (IF/IAF)	UTUYO (FB)	236.15 / 6.04	1700

MISSED APPROACH

LNAV: JERAK

CLIMBING LEFT TURN TO 2600 DIRECT PROSO AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 272 TOWER 330538N/0801345W
CHART VDP AT 1.31 MILES TO RW24.
UTUYO TO RW24: 3.04/30.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE PROSO, RT, 236.15 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 236.10 FAF: UTUYO DIST FAF TO MAP: 4.51 THLD: 5.01
4. MIN. ALT: PROSO 2600, UTUYO 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: JERAK 2100

MAG VAR: 7W EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	540	1	484	540	1	484	540	1 1/4	484		NA				
CIRCLING	860	1	804	860	1 1/4	804	860	2 1/4	804		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SACKS VIA V18-311 WEST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHARLESTON ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

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

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: SUMMERVILLE	RNAV	RNAV (GPS) RWY 24, ORIG 29 JUL 2010	AMDT: NONE
				DATED

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

ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   HERMN K70    C   L N33111257W079572030                    W0075     NAR          HERMN
          SUSAEAENRT   JERAK K70    W     N33041981W080160252                    W0073     NAR          JERAK
          SUSAEAENRT   PROSO K70    W     N33111524W080063238                    W0074     NAR          PROSO
          SUSAEAENRT   SACKS K70    C   L N33073038W080373866                    W0070     NAR          SACKS
          SUSAEAENRT   UTUYO K70    W     N33071750W080115896                    W0073     NAR          UTUYO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDYBK7ADYB     0     037YHN33034840W080164560W007000056         1800018000C    MNAR    SUMMERVILLE

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDYBK7FR24   AHERMN 010HERMNK7EA0E  A    IF                                          18000                B JS
          SUSAP KDYBK7FR24   AHERMN 020PROSOK7EA0EE B 010TF                    27740077    + 02600                      B JS
          SUSAP KDYBK7FR24   ASACKS 010SACKSK7EA0E       IF                                          18000                B JS
          SUSAP KDYBK7FR24   ASACKS 020PROSOK7EA0EY   020TF                    08870264    + 02600                      B JS
          SUSAP KDYBK7FR24   ASACKS 030PROSOK7EA0EE AR   HF                    23620040    + 02600                      B JS
          SUSAP KDYBK7FR24   R       010PROSOK7EA0E  I    IF                                + 02600     18000            B JS
          SUSAP KDYBK7FR24   R       020UTUYOK7EA1E  F 051TF                    23620060    + 01700           JERAK K7EAB JS
          SUSAP KDYBK7FR24   R       020UTUYOK7EA2WN          N          ALNAV                                           JS
          SUSAP KDYBK7FR24   R       030JERAKK7EA0EY M 031TF                    23610045      00083          -304       B JS
          SUSAP KDYBK7FR24   R       040         0  M  010CA                    2361        + 00456                      B JS
          SUSAP KDYBK7FR24   R       050PROSOK7EA0EY  L010DF                                + 02600                      B JS
          SUSAP KDYBK7FR24   R       060PROSOK7EA0EE  R020HM                    23620040    + 02600                      B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDYBK7GRW24    0037002361 N33040036W080162915-0200    -0016000053000030075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDYBK7SJERAKK7EA              0   18018002125                                                              M
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CITY AND STATE	ELEVATION: 56 TDZE: 56	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SUMMERVILLE, SC	AIRPORT NAME: **SUMMERVILLE**	**RNAV**	**RNAV (GPS) RWY 24, ORIG** 29 JUL 2010	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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 6, 24 STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 6 - CLIMB HEADING 56.05 TO 600 BEFORE TURNING LEFT.
RWY 24 - CLIMB HEADING 236.06 TO 800 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 6, VEHICLES ON ROAD BEGINNING 7' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15' AGL/64' MSL. TREES BEGINNING 556' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100' AGL/154' MSL.
NOTE: RWY 24, TREE 58' FROM DER, 459' LEFT OF CENTERLINE, 84' AGL/114' MSL.

(4) CONTROLLING OBSTACLES:

RWY 6: 555 MSL TOWER 330456.22N/0801705.75W.
RWY 24: 1088 MSL TOWER 330509.00N/0802217.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
SUMMERVILLE, SC	SUMMERVILLE	29 JUL 2010	1

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEEPE	KIYEY (FB)	273.40 / 18.63	5200
KIYEY (IAF)	YALUT (NOPT) (FB)	264.94 / 5.00	5200
VUCUL (IAF)	YALUT (NOPT) (FB)	084.69 / 18.74	5200
YALUT (IF/IAF)	ILEBE (FB)	174.90 / 4.31	4700
ILEBE	JIMAM (FB)	174.89 / 5.39	4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4600 DIRECT NEGCI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 354.89 INBOUND.
CHART FAS OBST: 2694 TOWER 321337N/1013028W
FAS OBST: 2839 AAO 321724N/1013005W
DISTANCE TO THLD FROM 250 HAT: 0.68 NM.
CHART VDP AT 1.77 MILES TO RW17* *LNAV ONLY.
WAAS CHANNEL # 97618
REFERENCE PATH ID: W17A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N YALUT, RT, 174.90 INBOUND, 5200 FT. IN LIEU OF PT (IAF)
3. FAC: 174.89 FAF: JIMAM DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: YALUT 5200, ILEBE 4700, JIMAM 4200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4200 GS ALT AT: JIMAM 4200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.1 34:1 IS CLEAR
8. MSA FROM: RW17 4700

MAG VAR: 7E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2812	1	250	2812	1	250	2812	1	250	2812	1	250			
LNAV/VNAV DA	3040	1 3/4	478	3040	1 3/4	478	3040	1 3/4	478	3040	1 3/4	478			
LNAV MDA	3160	3/4	598	3160	3/4	598	3160	1 1/2	598	3160	1 3/4	598			
CIRCLING	3160	1	587	3160	1	587	3160	1 1/2	587	3160	2	587			

NOTES:
CHART NOTE: CIRCLING NA EAST OF RWY 17-35.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV AND LNAV CAT C .
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT YALUT ON V563 SOUTHBOUND.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 2573 TDZE: 2562	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	RNAV	RNAV (GPS) RWY 17, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED 01/15/2009

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.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL DA 130 FEET AND ALL MDA 140 FEET AND LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE, CAT D VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV NA WHEN USING MIDLAND INTL ALTIMETER SETTING.

CHART NOTE: VDP NA WITH MIDLAND INTL ALTIMETER SETTING.

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS LNAV/VNAV NA BELOW - 20C (4F) OR ABOVE 43C (109F).

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	ELEVATION: 2573 TDZE: 2562 AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	RNAV	RNAV (GPS) RWY 17, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 01/15/2009

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	KBPG
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	321336.5600N
LTP/FTP LONGITUDE	1013115.1000W
LTP/FTP ELLIPSOIDAL HEIGHT	+07518
FPAP LATITUDE	321207.3200N
FPAP LONGITUDE	1013118.5600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AF2464D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07772
FPAP ORTHOMETRIC HEIGHT	+07772

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ILEBE K40    W     N32235910W101305089                    E0068     NAR          ILEBE
        SUSAEAENRT   JIMAM K40    W     N32183531W101310349                    E0067     NAR          JIMAM
        SUSAEAENRT   KIYEY K40    W     N32280777W101244639                    E0067     NAR          KIYEY
        SUSAEAENRT   NEGCI K40    W     N32011070W101314401                    E0067     NAR          NEGCI
        SUSAEAENRT   VUCUL K40    C   L N32285305W101524965                    E0069     NAR          VUCUL
        SUSAEAENRT   WEEPE K40    C   L N32244742W101030659                    E0065     NAR          WEEPE
        SUSAEAENRT   YALUT K40    C   L N32281782W101304080                    E0068     NAR          YALUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4ABPG     0     088YHN32124540W101311790E007002573         1800018000C    MNAR    BIG SPRING MC MAHON-WRINKLE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4FR17   AVUCUL 010VUCULK4EA0E  A    IF                                                18000                A JS
        SUSAP KBPGK4FR17   AVUCUL 020YALUTK4EA0EE B 010TF                     08470187    + 05200                                A JS
        SUSAP KBPGK4FR17   AWEEPE 010WEEPEK4EA0E       IF                                                18000                A JS
        SUSAP KBPGK4FR17   AWEEPE 020KIYEYK4EA0E  A 020TF                     27340186    + 05200                                A JS
        SUSAP KBPGK4FR17   AWEEPE 030YALUTK4EA0EE B 010TF                     26490050    + 05200                                A JS
        SUSAP KBPGK4FR17   AYALUT 010YALUTK4EA0EE AR   HF                     17490050    + 05200     18000                      A JS
        SUSAP KBPGK4FR17   R      010YALUTK4EA0E  I    IF                                + 05200     18000                      A JS
        SUSAP KBPGK4FR17   R      011ILEBEK4EA0E S  051TF                     17490043    + 04700                                A JS
        SUSAP KBPGK4FR17   R      020JIMAMK4EA1E  F 051TF                     17490054    + 04200                RW17  K4PGA JS
        SUSAP KBPGK4FR17   R      020JIMAMK4EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KBPGK4FR17   R      030RW17 K4PG0GY M 031TF                     17490050      02595              -300           A JS
        SUSAP KBPGK4FR17   R      040         0  M  010CA                     1749        + 02812                                A JS
        SUSAP KBPGK4FR17   R      050NEGCIK4EA0EY   010DF                                 + 04600                                A JS
        SUSAP KBPGK4FR17   R      060NEGCIK4EA0EE  R020HM                     35490050    + 04600                                A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4GRW17    0088021749 N32133656W101311510+0100    +07518025500000045100R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2573 TDZE: 2562	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	RNAV	RNAV (GPS) RWY 17, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 01/15/2009

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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KBPGK4PR17    RW17 001 0000W17A0N3213365600W10131151000+07518030ON3212073200W10131185600106750064000451F400500AF2464D0
    SUSAP KBPGK4PR17    RW17 002E       +07772+07772LPV        97618

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KBPGK4SRW17 K4PG               0    18018004725                                                                  M
```

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HYMAN	PAGOC (FB)	237.89 / 13.04	4600
BYPAS	ADIPY (FB)	105.89 / 5.40	4600
PAGOC (IAF)	NEGCI (NOPT) (FB)	264.94 / 5.00	4600
ADIPY (IAF)	NEGCI (NOPT) (FB)	084.84 / 5.00	4600
NEGCI (IF/IAF)	SIDUE (FB)	354.89 / 6.00	4200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 5200 DIRECT YALUT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 174.90 INBOUND.
FAS OBST: 2799 AAO 320654N/1013022W
CHART VDP AT 1.45 MILES TO RW35* *LNAV ONLY.
WAAS CHANNEL # 99418
REFERENCE PATH ID: W35A
DISTANCE TO THLD FROM 200 HAT: 0.68 NM.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S NEGCI, RT, 354.89 INBOUND, 4600 FT. IN LIEU OF PT (IAF)
3. FAC: 354.89 FAF: SIDUE DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: NEGCI 4600, SIDUE 4200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4200 GS ALT AT: SIDUE 4200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 35.9 34:1 IS CLEAR
8. MSA FROM: RW35 4700

MAG VAR: 7E EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2813	1	250	2813	1	250	2813	1	250	2813	1	250			
LNAV/VNAV DA	2979	1 1/2	416	2979	1 1/2	416	2979	1 1/2	416	2979	1 1/2	416			
LNAV MDA	3060	1	497	3060	1	497	3060	1 1/4	497	3060	1 1/2	497			
CIRCLING	3060	1	487	3060	1	487	3060	1 1/2	487	3140	2	567			

NOTES:
CHART NOTE: CIRCLING NA EAST OF RWY 17-35.
CHART NOTE: BARO-VNAV NA WHEN USING MIDLAND INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F).
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 2573 TDZE: 2563	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	AIRPORT NAME: BIG SPRING MC MAHON-WRINKLE	RNAV	RNAV (GPS) RWY 35, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED 01/15/2009

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.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WITH MIDLAND INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL DA 130 FEET AND ALL MDA 140 FEET AND LPV ALL CATS VISIBILITY 1/4 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/2 MILE, LNAV CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

Bearings, headings, courses, and radials are magnetic. Elevations 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	KBPG
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	321209.5100N
LTP/FTP LONGITUDE	1013118.4800W
LTP/FTP ELLIPSOIDAL HEIGHT	+07555
FPAP LATITUDE	321338.7500N
FPAP LONGITUDE	1013115.0200W
THRESHOLD CROSSING HEIGHT (TCH)	00035.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0064
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C53AC3D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07809
FPAP ORTHOMETRIC HEIGHT	+07809

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ADIPY K40    W     N32012048W101373669                      E0068     NAR           ADIPY
        SUSAEAENRT   BYPAS K40    R   L N32032677W101432748                      E0068     NAR           BYPAS
        SUSAEAENRT   HYMAN K40    R   L N32063410W101115818                      E0066     NAR           HYMAN
        SUSAEAENRT   NEGCI K40    W     N32011070W101314401                      E0067     NAR           NEGCI
        SUSAEAENRT   PAGOC K40    W     N32010065W101255135                      E0067     NAR           PAGOC
        SUSAEAENRT   SIDUE K40    W     N32071129W101313004                      E0067     NAR           SIDUE
        SUSAEAENRT   YALUT K40    C   L N32281782W101304080                      E0067     NAR           YALUT

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4ABPG     0     088YHN32124540W101311790E007002573         1800018000C    MNAR    BIG SPRING MC MAHON-WRINKLE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4FR35   ABYPAS 010BYPASK4EA0E       IF                                          18000                A JS
        SUSAP KBPGK4FR35   ABYPAS 020ADIPYK4EA0E  A 020TF                    10590054    + 04600                       A JS
        SUSAP KBPGK4FR35   ABYPAS 030NEGCIK4EA0EE B 010TF                    08480050    + 04600                       A JS
        SUSAP KBPGK4FR35   AHYMAN 010HYMANK4EA0E       IF                                          18000                A JS
        SUSAP KBPGK4FR35   AHYMAN 020PAGOCK4EA0E  A 020TF                    23790130    + 04600                       A JS
        SUSAP KBPGK4FR35   AHYMAN 030NEGCIK4EA0EE B 010TF                    26490050    + 04600                       A JS
        SUSAP KBPGK4FR35   ANEGCI 010NEGCIK4EA0EE AR   HF                    35490050    + 04600     18000             A JS
        SUSAP KBPGK4FR35   R       010NEGCIK4EA0E  I    IF                               + 04600     18000             A JS
        SUSAP KBPGK4FR35   R       020SIDUEK4EA1E  F 051TF                    35490060    + 04200                 RW35  K4PGA JS
        SUSAP KBPGK4FR35   R       020SIDUEK4EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KBPGK4FR35   R       030RW35 K4PG0GY M 031TF                    35490050      02598           -300        A JS
        SUSAP KBPGK4FR35   R       040         0  M  010CA                    3549        + 02813                       A JS
        SUSAP KBPGK4FR35   R       050YALUTK4EA0EY   010DF                               + 05200                       A JS
        SUSAP KBPGK4FR35   R       060YALUTK4EA0EE  R020HM                    17490050    + 05200                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4GRW35    0088023549 N32120951W101311848-0100    +0755502562000036100R
```

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	**ELEVATION: 2573 TDZE: 2563** AIRPORT NAME: **BIG SPRING MC MAHON-WRINKLE**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** 29 JUL 2010	AMDT: **ORIG** DATED: **01/15/2009**

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4PR35    RW35 001 0000W35A0N3212095100W10131184800+075550300N3213387500W10131150200106750064000359F400500C53AC3D1
        SUSAP KBPGK4PR35    RW35 002E       +07809+07809LPV       99418

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBPGK4SRW35 K4PG               0    18018004725                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2573 TDZE: 2563	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BIG SPRING, TX	AIRPORT NAME: **BIG SPRING MC MAHON-WRINKLE**	**RNAV**	**RNAV (GPS) RWY 35, AMDT 1** 29 JUL 2010	AMDT: **ORIG**
				DATED: **01/15/2009**

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 17, 24, 35, STANDARD.

RWY 6, 400 - 1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 391 FEET PER NM TO 3100.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 6 - CLIMB HEADING 059.88 TO 3100 BEFORE TURNING RIGHT.

RWY 17 - CLIMB HEADING 174.89 TO 3100 BEFORE TURNING LEFT.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 6, TREES BEGINNING 234' FROM DER, 305' RIGHT OF CENTERLINE, UP TO 25' AGL/2608' MSL. TREES BEGINNING 386' FROM DER, 221' LEFT OF CENTERLINE, UP TO 38' AGL/2739' MSL. CATENARY 1608' FROM DER, LEFT TO RIGHT OF CENTERLINE, 37' AGL/2722' MSL. GROUND 63' FROM DER, 178' LEFT OF CENTERLINE, 2575' MSL.

(4) CONTROLLING OBSTACLES:

RWY 6: 2859 MSL TANK, 321327.00N-1012950.00W, 3269 MSL TOWER, 321103.00N-1012756.00W.

RWY 17: 3269 MSL TOWER, 321103.00N-1012756.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
BIG SPRING, TX	BIG SPRING/MC MAHON-WRINKLE	29 JUL 2010	2

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EYUBE (IAF)	DUDYA (NOPT) (FB)	255.35 / 5.00	3100
JELBA (IAF)	DUDYA (NOPT) (FB)	075.25 / 5.00	3100
DUDYA (IF/IAF)	FEFEP (FB)	165.30 / 7.45	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW16

CLIMB TO 2200 DIRECT JINGA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 345.35 INBOUND.
CHART FAS OBST: 410 ANT 301339N/0962245W
FAS OBST: 629 AAO 301803N/0962245W
DISTANCE TO THLD FROM 276 HAT: 0.73 NM.
WAAS CHANNEL # 86316
REFERENCE PATH ID: W16A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N DUDYA, RT, 165.30 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 165.31 FAF: FEFEP DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: DUDYA 3100, FEFEP 2000
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: FEFEP 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | 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	594	1	276	594	1	276	594	1	276	594	1	276			
LNAV/VNAV DA	680	1 1/4	362	680	1 1/4	362	680	1 1/4	362	680	1 1/4	362			
LNAV MDA	880	1	562	880	1	562	880	1 1/2	562	880	1 3/4	562			
CIRCLING	880	1	562	880	1	562	880	1 1/2	562	1040	2 1/4	722			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING COLLEGE STATION ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 318 TDZE: 318 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	BRENHAM MUNI	RNAV	RNAV (GPS) RWY 16, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED 07/23/2003

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, ALL MDA 60 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C/D AND CIRCLING CATS C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	075/30 CW 255/30 (NOPT)	DUDYA (IF/IAF) (FB)	3100
2.	255/30 CW 345/30	EYUBE (IAF) (FB)	3100
3.	345/30 CW 075/30	JELBA (IAF) (FB)	3100

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	ELEVATION: 318 TDZE: 318 AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 16, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 07/23/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	11R
RUNWAY	RW16
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W16A
LTP/FTP LATITUDE	301340.2000N
LTP/FTP LONGITUDE	0962233.0100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00699
FPAP LATITUDE	301211.9100N
FPAP LONGITUDE	0962217.4900W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E829F4CD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00968
FPAP ORTHOMETRIC HEIGHT	+00968

QUALITY CHECKED

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DUDYA K40    W     N30260433W096244411                          NAR          DUDYA
        SUSAEAENRT   EYUBE K40    W     N30264969W096190104                          NAR          EYUBE
        SUSAEAENRT   FEFEP K40    W     N30184162W096232605                          NAR          FEFEP
        SUSAEAENRT   JELBA K40    W     N30251872W096302709                          NAR          JELBA
        SUSAEAENRT   JINGA K40    W     N30012661W096202444                          NAR          JINGA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4A11R     0     060YHN30131080W096222780E006000318         1800018000C    MNAR    BRENHAM MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4FR16   ADUDYA 010DUDYAK4EA0EE AR   HF                    16530040    + 03100     18000                A JS
        SUSAP 11R K4FR16   AEYUBE 010EYUBEK4EA0E  A    IF                                        18000                A JS
        SUSAP 11R K4FR16   AEYUBE 020DUDYAK4EA0EE B 010TF                     25540050    + 03100                          A JS
        SUSAP 11R K4FR16   AJELBA 010JELBAK4EA0E  A    IF                                        18000                A JS
        SUSAP 11R K4FR16   AJELBA 020DUDYAK4EA0EE B 010TF                     07530050    + 03100                          A JS
        SUSAP 11R K4FR16   R      010DUDYAK4EA0E  I    IF                                + 03100     18000                A JS
        SUSAP 11R K4FR16   R      020FEFEPK4EA1E  F 051TF                     16530075    + 02000                          A JS
        SUSAP 11R K4FR16   R      020FEFEPK4EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP 11R K4FR16   R      030RW16 K4PG0GY M 031TF                     16530051      00363            -300          A JS
        SUSAP 11R K4FR16   R      040JINGAK4EA0EYM  010DF                               + 02200                          A JS
        SUSAP 11R K4FR16   R      050JINGAK4EA0EE  R020HM                     34540040    + 02200                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4GRW16    0060041653 N30134020W096223301-1100    +00699003180000450 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4PR16   RW16 001 0000W16A0N3013402000W09622330100+006990300N3012119100W096221749001067509200004 50F400500E829F4CD
        SUSAP 11R K4PR16   RW16 002E      +00968+00968LPV       86316
```

CITY AND STATE	ELEVATION: 318 TDZE: 318	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: **BRENHAM MUNI**	**RNAV**	**RNAV (GPS) RWY 16, AMDT 1** 29 JUL 2010	AMDT: **ORIG-A**
				DATED: **07/23/2003**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KILSE (IAF)	JINGA (NOPT) (FB)	255.40 / 5.00	2200
OCADO (IAF)	JINGA (NOPT) (FB)	075.30 / 5.00	2200
JINGA (IF/IAF)	FASHU (FB)	345.35 / 6.07	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 3100 DIRECT DUDYA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 165.30 INBOUND.
CHART FAS OBST: 439 TREE 301013N/0962210W
DISTANCE TO THLD FROM 250 HAT: 0.70 NM.
WAAS CHANNEL # 77616
REFERENCE PATH ID: W34A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S JINGA, RT, 345.35 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC: 345.34 FAF: FASHU DIST FAF TO MAP: 5.28 THLD: 5.28
4. MIN. ALT: JINGA 2200, FASHU 2000, BUVAC/3.00 NM TO RW34 1240*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: FASHU 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6E EPOCH YEAR: 1985

MINIMUMS

TAKEOFF: | STANDARD | X | SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | | 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	519	1	250	519	1	250	519	1	250	519	1	250			
LNAV/VNAV DA	718	1 3/4	449	718	1 3/4	449	718	1 3/4	449	718	1 3/4	449			
LNAV MDA	700	1	431	700	1	431	700	1 1/4	431	700	1 1/2	431			
CIRCLING	780	1	462	780	1	462	800	1 1/2	482	1040	2 1/4	722			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING COLLEGE STATION ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 318 TDZE: 269	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 34, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED 07/28/2003

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL DA 53 FEET, ALL MDA 60 FEET, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	255/30 CW 075/30 (NOPT)	JINGA (IF/IAF) (FB)	2200
2.	075/30 CW 165/30	OCADO (IAF) (FB)	2200
3.	165/30 CW 255/30	KILSE (IAF) (FB)	2200

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	ELEVATION: 318 TDZE: 269 AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 34, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 07/28/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	11R
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	301241.4600N
LTP/FTP LONGITUDE	0962222.6900W
LTP/FTP ELLIPSOIDAL HEIGHT	+00493
FPAP LATITUDE	301409.7500N
FPAP LONGITUDE	0962238.2000W
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	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8D4E28C5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00763
FPAP ORTHOMETRIC HEIGHT	+00763

CITY AND STATE	ELEVATION: 318 TDZE: 269	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 34, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED: 07/28/2003

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUVAC K40    W     N30094309W096215139                          NAR          BUVAC
        SUSAEAENRT   DUDYA K40    W     N30260433W096244411                          NAR          DUDYA
        SUSAEAENRT   FASHU K40    W     N30072780W096212767                          NAR          FASHU
        SUSAEAENRT   JINGA K40    W     N30012661W096202444                          NAR          JINGA
        SUSAEAENRT   KILSE K40    W     N30021172W096144274                          NAR          KILSE
        SUSAEAENRT   OCADO K40    W     N30004126W096260605                          NAR          OCADO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4A11R     0     060YHN30131080W096222780E006000318         1800018000C    MNAR    BRENHAM MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4FR34   AJINGA 010JINGAK4EA0EE AR   HF                    34540040    + 02200     18000                A JS
        SUSAP 11R K4FR34   AKILSE 010KILSEK4EA0E  A    IF                                        18000                A JS
        SUSAP 11R K4FR34   AKILSE 020JINGAK4EA0EE B 010TF                     25540050    + 02200                          A JS
        SUSAP 11R K4FR34   AOCADO 010OCADOK4EA0E  A    IF                                        18000                A JS
        SUSAP 11R K4FR34   AOCADO 020JINGAK4EA0EE B 010TF                     07530050    + 02200                          A JS
        SUSAP 11R K4FR34   R      010JINGAK4EA0E  I    IF                                  + 02200     18000                A JS
        SUSAP 11R K4FR34   R      020FASHUK4EA1E  F 051TF                     34540061    + 02000                          A JS
        SUSAP 11R K4FR34   R      020FASHUK4EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP 11R K4FR34   R      021BUVACK4EA0E S  031TF                     34530023    V 0124001259        -300         A JS
        SUSAP 11R K4FR34   R      030RW34 K4PG0GY M 031TF                     34530030      00295             -300         A JS
        SUSAP 11R K4FR34   R      040DUDYAK4EA0EYM  010DF                                 + 03100                          A JS
        SUSAP 11R K4FR34   R      050DUDYAK4EA0EE  R020HM                     16530040    + 03100                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4GRW34    0060043453 N30124146W096222269+1100    +00493002500000450075R
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CITY AND STATE	ELEVATION: 318 TDZE: 269	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 34, AMDT 1 29 JUL 2010	AMDT: ORIG-A DATED: 07/28/2003

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

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 11R K4PR34   RW34 001 0000W34A0N3012414600W09622226900+004930300N3014097500W0962238200010675092000045OF4005008D4E28C5
        SUSAP 11R K4PR34   RW34 002E      +00763+00763LPV       77616
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CITY AND STATE	ELEVATION: 318 TDZE: 269	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: BRENHAM MUNI	RNAV	RNAV (GPS) RWY 34, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED: 07/28/2003

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CLL VORTAC (IAF)	CODIR/8.00 DME	166.11 / 8.00	2000
CODIR/8.00 DME (IF)	HEARE/18.00 DME	166.11 / 10.00 (CLL R-166)	2000

MISSED APPROACH

MAP: CLL 22.70 DME FIX

CLIMBING LEFT TURN TO 2000 VIA CLL VORTAC R-166 TO HEARE/18.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, LT, 166.11 INBOUND.
FAS OBST: 630 AAO 301648N/0962512W
HEARE TO RW16: 3.29/45

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CODIR/8.00 DME
3. FAC 166.11 FAF HEARE/18.00 DME DIST FAF TO MAP ____ THLD 4.69
4. MIN. ALT CODIR 2000, HEARE 2000
8. MSA FROM: CLL VORTAC 360-120 3000, 120-360 2300

MAG VAR: 8E EPOCH YEAR: 1965

MINIMUMS

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

CATEGORY ======>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-16	920	1	602	920	1 1/4	602	920	1 3/4	602	920	2	602			
CIRCLING	920	1	602	920	1 1/4	602	920	1 3/4	602	1040	2 1/4	722			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE COLLEGE STATION ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.
SEE 8260-10

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

CITY AND STATE	ELEVATION: 318 TDZE: 318	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BRENHAM, TX	AIRPORT NAME: BRENHAM MUNI	CLL	VOR/DME RWY 16, AMDT 2 29 JUL 2010	AMDT 1B
				DATE 03/16/2006

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

Bearings, headings, courses, and radials are magnetic. Elevations 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: PROCEDURE NA FOR ARRIVALS ON CLL VORTAC AIRWAY RADIALS 127 CW 143.

CITY AND STATE	ELEVATION: 318 TDZE: 318	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BRENHAM, TX	AIRPORT NAME: **BRENHAM MUNI**	**CLL**	**VOR/DME RWY 16, AMDT 2** 29 JUL 2010	AMDT: **1B**
				DATED: **03/16/2006**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
CLL VORTAC	ROWDY LOM/6.51 DME	139.76 / 7.89	2000
JUDDY/CLL 15.00 DME CW (IAF)	JERBA/I-CLL 13.87 DME (NOPT)	15.00 DME ARC (CLL LR-142)	2000
OSUME/CLL 15.00 DME CCW (IAF)	JERBA/I-CLL 13.87 DME (NOPT)	15.00 DME ARC (CLL LR-158)	2000
COUTH INT/CLL 20.90 DME (IAF)	JERBA/I-CLL 13.87 DME (NOPT)	342.88 / 2.56 (HDG) & 289.00 / 4.42 (I-CLL)	2000
JERBA/I-CLL 13.87 DME (IF)	ROWDY LOM/6.51 DME	342.88 / 7.36 (I-CLL)	2000

MISSED APPROACH

ILS: DA
LOC: 5.14 MILES AFTER ROWDY LOM/I-CLL 6.51 DME OR AT I-CLL 1.37 DME FIX

CLIMB TO 2500 VIA I-CLL NORTH COURSE TO DERRS INT/I-CLL 11.50 DME AND HOLD.

1. PT R SIDE OF COURSE 162.88 OUTBOUND 2000 FT WITHIN 15 MILES OF ROWDY LOM (IAF)
2.
3. FAC: 342.88 FAF: ROWDY LOM/6.51 DME DIST FAF TO MAP: 5.14 THLD: 5.14
4. MIN. ALT: ROWDY LOM 2000
5. DIST TO THLD FROM OM: 5.14 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1074
6. MIN GS INCPT: 2000 GS ALT AT: GS INTCP OM: 1965 MM: - IM: -
7. GS ANGLE: 2.90 TCH: 51.7
8. MSA FROM: CL LOM 360-120 3100, 120-360 2100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 162.87 INBOUND.
CHART FAS OBST: 439 TREE 303348N/0962115W
CHART VDP AT 2.44 DME;
DISTANCE VDP TO THLD 1.08 MILES.
CHART (CINED) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.
CHART CLL R-101 AT JUDDY.
CHART CLL R-249 AT OSUME.

MAG VAR: 6E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 34	511	1/2	200	511	1/2	200	511	1/2	200	511	1/2	200	511	1/2	200
S-LOC 34	700	1/2	389	700	1/2	389	700	1/2	389	700	3/4	389	700	3/4	389
CIRCLING	860	1	539	880	1	559	880	1 1/2	559	1000	2 1/4	679	1180	3	859

NOTES:
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS-34 CAT E VISIBILITY TO 3/4 MILE, INCREASE S-LOC-34 CAT E VISIBILITY TO 1 1/4 MILE.
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
CHART PROFILE NOTE: USE I-CLL DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: ILS GLIDESLOPE UNUSABLE FOR COUPLED APPROACHES BELOW 1050 FT MSL.

CAT D 700-2 1/4, CAT E 900-3
@ CAT D 800-2 1/4, CAT E 900-3
# @ NA WHEN CONTROL TOWER CLOSED.

CHECKED

CITY AND STATE	ELEVATION: 321 TDZE: 311	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COLLEGE STATION, TX	AIRPORT NAME: EASTERWOOD FIELD	I-CLL	ILS OR LOC RWY 34, AMDT 13A 29 JUL 2010	AMDT: 13
				DATED 11/23/2006

US Department of Transportation
Federal Aviation Administration

Chartered Visual Flight Procedures (CVFP)

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

CVFP Name:	Airport Name:	City and State:
STADIUM VISUAL RUNWAY 31R	DALLAS-FORT WORTH INTERNATIONAL	DALLAS-FORT WORTH, TX

VISUAL ARRIVAL ROUTE

FROM (visual landmarks)	TO (visual landmarks)	COURSE (if desired)	ALTITUDE (if needed) show if for TCA

Weather minima:

Supplementary Navaid Information and Additional Landmarks:

Chart:

Vertical Guidance Navaid and Angle

Description of route (will not be printed on chart)

PROCEDURE CANCELED EFFECTIVE 7.29.2010

Amdt. No. or Orig.	Effective Date	Supersedes	Amdt. No.	Dated
6		STADIUM VISUAL APPROACH RWY 31R	5	

FAA FORM 7110-8 (11-84)

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 11, 18, 29, 36 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TREES BEGINNING 179' FROM DER, 278' LEFT OF CENTERLINE, UP TO 30' AGL/799' MSL. TREES BEGINNING 318' FROM DER, 115' RIGHT OF CENTERLINE, UP TO 30' AGL/799' MSL. TOWER 5361' FROM DER, 515' RIGHT OF CENTERLINE, 179' AGL/894' MSL. **NOTE: RWY 18,** TREES BEGINNING 293' FROM DER, 395' LEFT OF CENTERLINE, UP TO 30' AGL/789' MSL. TREES BEGINNING 576' FROM DER, 15' RIGHT OF CENTERLINE, UP TO 30' AGL/779' MSL. **NOTE: RWY 29,** TREES BEGINNING 394' FROM DER, 384' RIGHT OF CENTERLINE, UP TO 30' AGL/829' MSL. TREES BEGINNING 437' FROM DER, 237' LEFT OF CENTERLINE, UP TO 30' AGL/819' MSL. **NOTE: RWY 36,** TREES BEGINNING 276' FROM DER, 134' LEFT OF CENTERLINE, UP TO 30' AGL/819' MSL. TREES BEGINNING 356' FROM DER, 282' RIGHT OF CENTERLINE, UP TO 30' AGL/819' MSL. TOWER 928' FROM DER, 684' RIGHT OF CENTERLINE, 47' AGL/820' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
GEORGETOWN, TX	GEORGETOWN MUNI	29 JUL 2010	ORIG

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
GRANBURY, TX	AIRPORT NAME: **GRANBURY RGNL**	**GPS**	**GPS RWY 14, ORIG-B, 06/04/2009**	AMDT **ORIG-A**
				DATE **09/05/2003**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEN VORTAC	SUEZN (FB)	338.37 / 24.70	3600
SUEZN (IAF)	NUWMN (NOPT) (FB)	053.56 / 5.00	3000
MQP VORTAC (IAF)	NUWMN (NOPT) (FB)	147.90 / 8.47	3000
NUWMN (IF/IAF)	IDOPY (FB)	143.61 / 6.10	2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 2700 DIRECT INOXE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2700.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 323.64 INBOUND.
CHART FAS OBST: 927 TREE 322652N/0974952W
CHART: 979 TREE 322903N/0975057W
DISTANCE TO THLD FROM 297 HAT: 0.86 NM.
WAAS CHANNEL # 99618
REFERENCE PATH ID: W14A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW NUWMN, RT, 143.61 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 143.64 FAF: IDOPY DIST FAF TO MAP: 4.34 THLD: 4.34
4. MIN. ALT: NUWMN 3000, IDOPY 2200, ADUNY/2.30 NM TO RW14 1520*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: IDOPY 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 30.0 34:1 IS NOT CLEAR
8. MSA FROM: RW14 3600

MAG VAR: 6E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1075	1	297	1075	1	297	1075	1	297		NA				
LNAV/VNAV DA	1308	2	530	1308	2	530	1308	2	530		NA				
LNAV MDA	1200	1	422	1200	1	422	1200	1 1/4	422		NA				
CIRCLING	1340	1	562	1340	1	562	1360	1 1/2	582		NA				

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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
GRANBURY, TX	AIRPORT NAME: GRANBURY RGNL	RNAV	RNAV (GPS) RWY 14, ORIG 29 JUL 2010	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.
***LNAV ONLY**
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FORT WORTH-MEACHAM ALTIMETER SETTING AND INCREASE ALL DA 84 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS VISIBILITY 1/2 MILE, LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MQP VORTAC ON V161 SOUTHBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRANBURY, TX	AIRPORT NAME: **GRANBURY RGNL**	**RNAV**	**RNAV (GPS) RWY 14, ORIG** 29 JUL 2010	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	KGDJ
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	322655.2875N
LTP/FTP LONGITUDE	0974911.5825W
LTP/FTP ELLIPSOIDAL HEIGHT	+02070
FPAP LATITUDE	322538.2300N
FPAP LONGITUDE	0974818.4100W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D6C00ECA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02352
FPAP ORTHOMETRIC HEIGHT	+02352

QUALITY CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRANBURY, TX	AIRPORT NAME: GRANBURY RGNL	RNAV	RNAV (GPS) RWY 14, ORIG 29 JUL 2010	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        JEN   K4011500VTLW N32093452W097523965    N32093452W097523965E0060013001     NARGLEN ROSE
       SUSAD        MQP   K4011770VTHW N32433425W097595079    N32433425W097595079E0090009002     NARMILLSAP

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   ADUNY K40    W     N32285462W097503399                    E0047     NAR           ADUNY
       SUSAEAENRT   IDOPY K40    W     N32304037W097514707                    E0048     NAR           IDOPY
       SUSAEAENRT   INOXE K40    W     N32224439W097461840                    E0047     NAR           INOXE
       SUSAEAENRT   NUWMN K40    W     N32355676W097552604                    E0048     NAR           NUWMN
       SUSAEAENRT   SUEZN K40    W     N32332459W098003222                    E0048     NAR           SUEZN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGDJK4AGDJ     0     036YHN32263990W097490100E006000778         1800018000C    MNAR    GRANBURY RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KGDJK4FR14   AJEN   010JEN  K4D 0V       IF                                                  18000                A JS
       SUSAP KGDJK4FR14   AJEN   020SUEZNK4EA0E  A 020TF                    33840247    + 03600                                A JS
       SUSAP KGDJK4FR14   AJEN   030NUWMNK4EA0EE B 010TF                    05360050    + 03000                                A JS
       SUSAP KGDJK4FR14   AMQP   010MQP  K4D 0V  A    IF                                                  18000                A JS
       SUSAP KGDJK4FR14   AMQP   020NUWMNK4EA0EE B 010TF                    14790085    + 03000                                A JS
       SUSAP KGDJK4FR14   ANUWMN 010NUWMNK4EA0EE AR   HF                    14360040    + 03000     18000                      A JS
       SUSAP KGDJK4FR14   R      010NUWMNK4EA0E  I    IF                                + 03000     18000                      A JS
       SUSAP KGDJK4FR14   R      020IDOPYK4EA1E  F 051TF                    14360061    + 02200                 RW14  K4PGA JS
       SUSAP KGDJK4FR14   R      020IDOPYK4EA2WALPV       ALNAV/VNAV ALNAV                                                     JS
       SUSAP KGDJK4FR14   R      021ADUNYK4EA0E S  031TF                    14360020    V 0152001539       -300              A JS
       SUSAP KGDJK4FR14   R      030RW14 K4PG0GY M 031TF                    14360023      00802            -300              A JS
       SUSAP KGDJK4FR14   R      040         0  M  010CA                    1436        + 01075                              A JS
       SUSAP KGDJK4FR14   R      050INOXEK4EA0EY   010DF                               + 02700                              A JS
       SUSAP KGDJK4FR14   R      060INOXEK4EA0EE  R020HM                    32360040    + 02700                              A JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRANBURY, TX	AIRPORT NAME: GRANBURY RGNL	RNAV	RNAV (GPS) RWY 14, ORIG 29 JUL 2010	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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGDJK4GRW14     0036031437 N32265529W097491158+0100     +0207000772000030060R

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGDJK4PR14    RW14 001 0000W14A0N3226552875W09749115825+020700300N3225382300W0974818410010675165600030OF400500D6C00ECA
        SUSAP KGDJK4PR14    RW14 002E       +02352+02352LPV       99618

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGDJK4SRW14 K4PG                0   18018003625                                                                    M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 778 TDZE: 778	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
GRANBURY, TX	AIRPORT NAME: GRANBURY RGNL	RNAV	RNAV (GPS) RWY 14, ORIG 29 JUL 2010	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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 5, 12, 23, 30 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 12 - CLIMB HEADING 121.17 TO 500 BEFORE TURNING RIGHT.
RWY 30 - CLIMB HEADING 301.18 TO 700 BEFORE TURNING RIGHT.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, TREES AND POLES BEGINNING 128' FROM DER, 42' LEFT OF CENTERLINE, UP TO 50' AGL/74' MSL. TREES AND POLES BEGINNING 131' FROM DER, 114' RIGHT OF CENTERLINE, UP TO 39' AGL/63' MSL. CHIMNEY 676' FROM DER, 412' RIGHT OF CENTERLINE, 31' AGL/55' MSL. **NOTE: RWY 23**, TREES BEGINNING 1320' FROM DER, 43' LEFT OF CENTERLINE, UP TO 63' AGL/87' MSL. HANGARS BEGINNING 233' FROM DER, 288' RIGHT OF CENTERLINE, UP TO 35' AGL/59' MSL. VEHICLE ON ROAD, 594' FROM DER, 513' LEFT OF CENTERLINE, 15' AGL/39' MSL. TREES 1010' FROM DER, 1010' RIGHT OF CENTERLINE, UP TO 63' AGL/87' MSL. **NOTE: RWY 30**, TREES AND POLES BEGINNING 114' FROM DER, 67' LEFT OF CENTERLINE, UP TO 63' AGL/87' MSL. BUILDINGS 335' FROM DER, 356' LEFT OF CENTERLINE, 25' AGL/50' MSL. TREES AND POLES BEGINNING 44' FROM DER, 35' RIGHT OF CENTERLINE, UP TO 52' AGL/76' MSL.

(4) CONTROLLING OBSTACLES:

RWY 12: 499 MSL STACK 293747.00N / 0950316.00W
RWY 30: 589 MSL TOWERS 294252.00N / 0950543.00W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
LA PORTE, TX	LA PORTE MUNI	29 JUL 2010	5

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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Vislbilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 542' FROM DER, 300' LEFT OF CENTERLINE, UP TO 30' AGL/1229' MSL. TREES BEGINNING 626' FROM DER, 188' RIGHT OF CENTERLINE, UP TO 30' AGL/1229' MSL. **NOTE: RWY 33,** TREES BEGINNING 632' FROM DER, 182' LEFT OF CENTERLINE, UP TO 30' AGL/1279' MSL. TREES BEGINNING 504' FROM DER, 232' RIGHT OF CENTERLINE, UP TO 30' AGL/1269' MSL.

(4) CONTROLLING OBSTACLES:

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
LAGO VISTA, TX	LAGO VISTA TX-RUSTY ALLEN	29 JUL 2010	ORIG

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HOZGI (IAF)	ARIWU (NOPT) (FB)	260.42 / 5.00	6000
YOUDO (IAF)	ARIWU (NOPT) (FB)	080.32 / 5.00	6000
ARIWU (IF/IAF)	APQIT (FB)	350.37 / 6.01	4900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

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

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 170.37 INBOUND.
CHART FAS OBST: 3321 TREE 323952N/1023907W
DISTANCE TO THLD FROM 250 HAT: 0.70 NM.
CHART VDP AT 0.87 MILES TO RW35* *LNAV ONLY.
WAAS CHANNEL # 72918
REFERENCE PATH ID: W35A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ARIWU, RT, 350.37 INBOUND, 6000 FT. IN LIEU OF PT (IAF)
3. FAC: 350.37 FAF: APQIT DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: ARIWU 6000, APQIT 4900, EPHOC/2.00 NM TO RW35 3940*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4900 GS ALT AT: APQIT 4900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 9E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3528	1	250	3528	1	250	3528	1	250		NA				
LNAV/VNAV DA	3591	1 1/4	313	3591	1 1/4	313	3591	1 1/4	313		NA				
LNAV MDA	3580	1	302	3580	1	302	3580	1	302		NA				
CIRCLING	3840	1	525	3840	1	525	3880	1 1/2	565		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 3315 TDZE: 3278	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SEMINOLE, TX	AIRPORT NAME: GAINES COUNTY	RNAV	RNAV (GPS) RWY 35, AMDT 1 29 JUL 2010	AMDT: ORIG DATED 10/05/2000

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MIDLAND INTL ALTIMETER SETTING AND INCREASE ALL DA 177 FT, ALL MDA 180 FT, INCREASE LPV ALL CATS AND LNAV CAT C VISIBILITY 1/2 MILE, LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 3/4 MILE.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MIDLAND INTL ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	260/30 CW 080/30 (NOPT)	ARIWU (IAF)	6000
2.	080/30 CW 170/30	YOUDO (IAF)	6000
3.	170/30 CW 260/30	HOZGI (IAF) (FB)	6000

QUALITY
4
CHECKED

CITY AND STATE	ELEVATION: 3315 TDZE: 3278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SEMINOLE, TX	AIRPORT NAME: GAINES COUNTY	RNAV	RNAV (GPS) RWY 35, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 10/05/2000

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KGNC
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	323953.9830N
LTP/FTP LONGITUDE	1023854.1005W
LTP/FTP ELLIPSOIDAL HEIGHT	+09726
FPAP LATITUDE	324123.2500N
FPAP LONGITUDE	1023855.2600W
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	FEB35310

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+09952
FPAP ORTHOMETRIC HEIGHT	+09952

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 3315 TDZE: 3278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SEMINOLE, TX	AIRPORT NAME: GAINES COUNTY	RNAV	RNAV (GPS) RWY 35, AMDT 1	AMDT: ORIG
			29 JUL 2010	DATED: 10/05/2000

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above aiport 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   APQIT K40    W     N32345700W102385024                    E0073    NAR          APQIT                  G
          SUSAEAENRT   ARIWU K40    W     N32285569W102384555                    E0073    NAR          ARIWU                  G
          SUSAEAENRT   EPHOC K40    W     N32375375W102385254                    E0073    NAR          EPHOC                  G
          SUSAEAENRT   HOZGI K40    W     N32285886W102325091                    E0072    NAR          HOZGI                  G
          SUSAEAENRT   OSHWA K40    W     N32495513W102390193                    E0073    NAR          OSHWA                  G
          SUSAEAENRT   YOUDO K40    W     N32285225W102444018                    E0073    NAR          YOUDO                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGNCK4AGNC     0     053YHN32403120W10239096OE009003315         1800018000C    MNAR    GAINES COUNTY              G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGNCK4FR35   AARIWU 010ARIWUK4EA0EE AR   HF                    35040050    + 06000     18000              A JS   G
          SUSAP KGNCK4FR35   AHOZGI 010HOZGIK4EA0E  A    IF                                        18000              A JS   G
          SUSAP KGNCK4FR35   AHOZGI 020ARIWUK4EA0EE B 010TF                     26040050    + 06000                        A JS   G
          SUSAP KGNCK4FR35   AYOUDO 010YOUDOK4EA0E  A    IF                                        18000              A JS   G
          SUSAP KGNCK4FR35   AYOUDO 020ARIWUK4EA0EE B 010TF                     08030050    + 06000                        A JS   G
          SUSAP KGNCK4FR35   R       010ARIWUK4EA0E  I    IF                               + 06000     18000              A JS   G
          SUSAP KGNCK4FR35   R       020APQITK4EA1E  F 051TF                   35040060    + 04900                        A JS   G
          SUSAP KGNCK4FR35   R       020APQITK4EA2WALPV       ALNAV/VNAV ALNAV                                             JS   G
          SUSAP KGNCK4FR35   R       021EPHOCK4EA0E S  031TF                   35040029    V 0394003946       -300        A JS   G
          SUSAP KGNCK4FR35   R       030RW35 K4PG0GY M 031TF                   35040020      03305            -300        A JS   G
          SUSAP KGNCK4FR35   R       040         0  M  010CA                   3504        + 03528                        A JS   G
          SUSAP KGNCK4FR35   R       050OSHWAK4EA0EY   010DF                             + 06000                        A JS   G
          SUSAP KGNCK4FR35   R       060OSHWAK4EA0EE  R020HM                   17040050    + 06000                        A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KGNCK4GRW35    0049993504 N32395398W102385410+0400    +0972603265000040075R                                  G
```

CITY AND STATE	ELEVATION: 3315 TDZE: 3278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SEMINOLE, TX	AIRPORT NAME: GAINES COUNTY	RNAV	RNAV (GPS) RWY 35, AMDT 1 29 JUL 2010	AMDT: ORIG DATED: 10/05/2000

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

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KGNCK4PR35   RW35 001 0000W35A0N3239539830W10238541005+097260300N3241232500W10238552600106751224000400F400500FEB35310G
    SUSAP KGNCK4PR35   RW35 002E      +09952+09952LPV       72918                                                          G
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 3315 TDZE: 3278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SEMINOLE, TX	AIRPORT NAME: GAINES COUNTY	RNAV	RNAV (GPS) RWY 35, AMDT 1 29 JUL 2010	AMDT: ORIG
				DATED: 10/05/2000

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 29 JUL 2010

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 442 TDZE: 442	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
SOUTH HILL, VA	AIRPORT NAME:	**GPS**	**GPS RWY 19, ORIG**	AMDT **NONE**
	MECKLENBURG-BRUNSWICK REGIONAL		07/12/1999	DATE

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BIDKY (IAF)	KARRY (NOPT) (FB)	276.66 / 5.00	3000
YEKUC (IAF)	KARRY (NOPT) (FB)	096.54 / 5.00	3000
KARRY (IF/IAF)	BRERR (FB)	006.60 / 6.10	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW01

CLIMB TO 3000 DIRECT BANTR AND ON TRACK 096.60 TO FARUS AND RIGHT TURN ON TRACK 199.75 TO BIDKY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S KARRY, RT, 006.60 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 006.60 FAF: BRERR DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: KARRY 3000, BRERR 2000, MACBE/2.30 NM TO RW01 1160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: BRERR 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 51.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 276.66 INBOUND.
CHART FAS OBST: 488 TREE 364006N/0780301W
CHART FAS OBST: 509 TREE 364109N/0780339W
DISTANCE TO THLD FROM 250 HAT: 0.75 NM.
CHART VDP AT 1.08 MILES TO RW01* *LNAV ONLY.
WAAS CHANNEL # 63118
REFERENCE PATH ID: W01A

MAG VAR: 9W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	667	1	250	667	1	250	667	1	250	667	1	250			
LNAV/VNAV DA	814	1 1/2	397	814	1 1/2	397	814	1 1/2	397	814	1 1/2	397			
LNAV MDA	760	1	343	760	1	343	760	1	343	760	1 1/4	343			
CIRCLING	860	1	419	900	1	459	900	1 1/2	459	1060	2	619			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING OXFORD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 417	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 1, ORIG 29 JUL 2010	AMDT: NONE
				DATED

NOTES CONT.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OXFORD ALTIMETER SETTING AND INCREASE ALL DA 82 FEET AND ALL MDA 100 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C AND D AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WITH OXFORD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	277/30 CW 097/30 (NOPT)	KARRY (IF/IAF) (FB)	3000
2.	097/30 CW 187/30	LANCE (IAF) (FB)	3000
3.	187/30 CW 277/30	BIDKY (IAF) (FB)	3000

QUALITY CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAVC
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	364053.1295N
LTP/FTP LONGITUDE	0780314.7975W
LTP/FTP ELLIPSOIDAL HEIGHT	+00822
FPAP LATITUDE	364222.2700N
FPAP LONGITUDE	0780319.4400W
THRESHOLD CROSSING HEIGHT (TCH)	00051.0
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	966B2C9D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01151
FPAP ORTHOMETRIC HEIGHT	+01151

QUALITY 4 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.

ARINC PACKET - 424-18 - RNAV (GPS)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAEAENRT   BANTR K60    W     N36455327W078033043                    W0096    NAR          BANTR                  G
   SUSAEAENRT   BIDKY K70    W     N36300704W077562884                    W0096    NAR          BIDKY                  G
   SUSAEAENRT   BRERR K60    W     N36360088W078025961                    W0095    NAR          BRERR                  G
   SUSAEAENRT   FARUS K60    W     N36461467W077524129                    W0097    NAR          FARUS                  G
   SUSAEAENRT   KARRY K70    W     N36295462W078024061                    W0095    NAR          KARRY                  G
   SUSAEAENRT   MACBE K60    W     N36383507W078030762                    W0096    NAR          MACBE                  G
   SUSAEAENRT   YEKUC K70    W     N36294188W078085235                    W0095    NAR          YEKUC                  G

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KAVCK6AAVC     0     050YHN36411780W078031610W009000441         1800018000C    MNAR    MECKLENBURG-BRUNSWICK RGNL    G

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KAVCK6FR01   ABIDKY 010BIDKYK7EA0E  A    IF                                          18000                A JS   G
   SUSAP KAVCK6FR01   ABIDKY 020KARRYK7EA0EE B 010TF                    27670050    + 03000                       A JS   G
   SUSAP KAVCK6FR01   AKARRY 010KARRYK7EA0EE AR   HF                   00660040    + 03000     18000             A JS   G
   SUSAP KAVCK6FR01   AYEKUC 010YEKUCK7EA0E  A    IF                                          18000                A JS   G
   SUSAP KAVCK6FR01   AYEKUC 020KARRYK7EA0EE B 010TF                    09650050    + 03000                       A JS   G
   SUSAP KAVCK6FR01   R      010KARRYK7EA0E  I    IF                                 + 03000     18000             A JS   G
   SUSAP KAVCK6FR01   R      020BRERRK6EA1E  F 051TF                    00660061    + 02000                       A JS   G
   SUSAP KAVCK6FR01   R      020BRERRK6EA2WALPV       ALNAV/VNAV ALNAV                                             JS   G
   SUSAP KAVCK6FR01   R      021MACBEK6EA0E S  031TF                    00660026    V 0116001166        -300      A JS   G
   SUSAP KAVCK6FR01   R      030RW01 K6PG0GY M 031TF                    00660023      00429             -300      A JS   G
   SUSAP KAVCK6FR01   R      040         0  M  010CA                    0066        + 00667                       A JS   G
   SUSAP KAVCK6FR01   R      050BANTRK6EA0E    010DF                                                             A JS   G
   SUSAP KAVCK6FR01   R      060FARUSK6EA0E    010TF                    0966                                     A JS   G
   SUSAP KAVCK6FR01   R      070BIDKYK7EA0EY  R010TFY                   1998        + 03000                       A JS   G
   SUSAP KAVCK6FR01   R      080BIDKYK7EA0EE  R020HM                    27670040    + 03000                       A JS   G

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KAVCK6GRW01    0050020066 N36405313W078031480+1300    +00822003780000051075R                                    G
```

CITY AND STATE	ELEVATION: 441 TDZE: 417	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 1, ORIG 29 JUL 2010	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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAVCK6PR01    RW01 001 0000W01A0N3640531295W07803147975+008220300N3642222700W078031944001067512240005l0F400500966B2C9DG
        SUSAP KAVCK6PR01    RW01 002E      +01151+01151LPV       63118                                                              G
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CITY AND STATE	ELEVATION: 441 TDZE: 417	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: **MECKLENBURG-BRUNSWICK RGNL**	**RNAV**	**RNAV (GPS) RWY 1, ORIG** 29 JUL 2010	AMDT: **NONE** DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
USHEE (IAF)	YACNE (NOPT) (FB)	276.65 / 5.00	3000
PAYEN (IAF)	YACNE (NOPT) (FB)	096.53 / 5.00	3000
YACNE (IF/IAF)	WUSKE (FB)	186.59 / 6.10	2000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19

CLIMB TO 3000 DIRECT BANZI AND LEFT TURN ON TRACK 096.60 TO DUROC AND LEFT TURN ON TRACK 353.54 TO USHEE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 276.65 INBOUND.
CHART FAS OBST: 507 TREE 364226N/0780305W
CHART FAS OBST: 509 TREE 364336N/0780416W
CHART R-6602 A/B/C.
DISTANCE TO THLD FROM 250 HAT: 0.66 NM.
CHART VDP AT 0.94 MILES TO RW19* *LNAV ONLY.
WAAS CHANNEL # 93718
REFERENCE PATH ID: W19A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N YACNE, RT, 186.59 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 186.60 FAF: WUSKE DIST FAF TO MAP: 4.71 THLD: 4.71
4. MIN. ALT: YACNE 3000, WUSKE 2000, OVOBE/2.20 NM TO RW19 1180*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2000 GS ALT AT: WUSKE 2000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: ____

MAG VAR: 9W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	691	1	250	691	1	250	691	1	250	691	1	250			
LNAV/VNAV DA	820	1 1/4	379	820	1 1/4	379	820	1 1/4	379	820	1 1/4	379			
LNAV MDA	780	1	339	780	1	339	780	1	339	780	1	339			
CIRCLING	860	1	419	900	1	459	900	1 1/2	459	1060	2	619			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING OXFORD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, ORIG 29 JUL 2010	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.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE OXFORD ALTIMETER SETTING AND INCREASE ALL DA 82 FEET AND ALL MDA 100 FEET, INCREASE LPV ALL CATS, LNAV CAT C, AND CIRCLING CAT D VISIBILITY 1/4 MILE, INCREASE LNAV-VNAV ALL CATS AND LNAV CAT D VISIBILITY1/2 MILE.
CHART NOTE: VDP NA WITH OXFORD ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	097/30 CW 277/30 (NOPT)	YACNE (IF/IAF) (FB)	3000
2.	277/30 CW 007/30	USHEE (IAF) (FB)	3000
3.	007/30 CW 097/30	PAYEN (IAF) (FB)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, ORIG 29 JUL 2010	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	KAVC
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	364142.5385N
LTP/FTP LONGITUDE	0780317.3680W
LTP/FTP ELLIPSOIDAL HEIGHT	+01017
FPAP LATITUDE	364013.4000N
FPAP LONGITUDE	0780312.7300W
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	299865A7

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+01345
FPAP ORTHOMETRIC HEIGHT	+01345

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, ORIG 29 JUL 2010	SUP: AMDT: NONE DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BANZI K60    W     N36364240W078030177                    W0096     NAR           BANZI                  G
        SUSAEAENRT   DUROC K60    W     N36370380W077521392                    W0097     NAR           DUROC                  G
        SUSAEAENRT   OVOBE K60    W     N36435460W078032425                    W0096     NAR           OVOBE                  G
        SUSAEAENRT   PAYEN K60    W     N36521863W078100478                    W0095     NAR           PAYEN                  G
        SUSAEAENRT   USHEE K60    W     N36524389W077573763                    W0097     NAR           USHEE                  G
        SUSAEAENRT   WUSKE K60    W     N36462509W078033209                    W0096     NAR           WUSKE                  G
        SUSAEAENRT   YACNE K60    W     N36523142W078035122                    W0096     NAR           YACNE                  G

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAVCK6AAVC     0     050YHN36411780W078031610W009000441         1800018000C    MNAR    MECKLENBURG-BRUNSWICK RGNL    G

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAVCK6FR19   APAYEN 010PAYENK6EA0E  A    IF                                          18000                A JS   G
        SUSAP KAVCK6FR19   APAYEN 020YACNEK6EA0EE B 010TF                    09650050    + 03000                       A JS   G
        SUSAP KAVCK6FR19   AUSHEE 010USHEEK6EA0E  A    IF                                          18000                A JS   G
        SUSAP KAVCK6FR19   AUSHEE 020YACNEK6EA0EE B 010TF                    27670050    + 03000                       A JS   G
        SUSAP KAVCK6FR19   AYACNE 010YACNEK6EA0EE AR   HF                    18660040    + 03000     18000             A JS   G
        SUSAP KAVCK6FR19   R      010YACNEK6EA0E  I    IF                                + 03000     18000             A JS   G
        SUSAP KAVCK6FR19   R      020WUSKEK6EA1E  F 051TF                    18660061    + 02000                       A JS   G
        SUSAP KAVCK6FR19   R      020WUSKEK6EA2WALPV      ALNAV/VNAV ALNAV                                              JS   G
        SUSAP KAVCK6FR19   R      021OVOBEK6EA0E S  031TF                    18660025    V 0118001187       -300       A JS   G
        SUSAP KAVCK6FR19   R      030RW19 K6PG0GY M 031TF                    18660022      00481            -300       A JS   G
        SUSAP KAVCK6FR19   R      040         0  M  010CA                    1866        + 00691                       A JS   G
        SUSAP KAVCK6FR19   R      050BANZIK6EA0E    010DF                                                             A JS   G
        SUSAP KAVCK6FR19   R      060DUROCK6EA0E   L010TFY                   0966                                      A JS   G
        SUSAP KAVCK6FR19   R      070USHEEK6EA0EY  L010TFY                   3535        + 03000                       A JS   G
        SUSAP KAVCK6FR19   R      080USHEEK6EA0EE  L020HM                    27670040    + 03000                       A JS   G

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAVCK6GRW19    0050021866 N36414254W078031737-1300    +01017004410000400 75R                                    G
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 441 TDZE: 441	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SOUTH HILL, VA	AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, ORIG 29 JUL 2010	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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAVCK6PR19    RW19 001 0000W19A0N3641425385W07803173680+010170300N3640134000W07803127300106751224000400F400500299865A7G
        SUSAP KAVCK6PR19    RW19 002E      +01345+01345LPV       93718                                                          G
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QUALITY

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SOUTH HILL, VA	ELEVATION: 441 TDZE: 441 AIRPORT NAME: MECKLENBURG-BRUNSWICK RGNL	RNAV	RNAV (GPS) RWY 19, ORIG 29 JUL 2010	SUP: 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. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

(1) TAKEOFF MINIMUMS:

RWY 1, 19, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:

RWY1: TRAIN ON TRACKS 118' FROM DER, 514' LEFT OF CENTERLINE, 23' AGL/452' MSL. TREES BEGINNING 181' FROM DER, 408' LEFT OF CENTERLINE, UP TO 80' AGL/500' MSL. TREES BEGINNING 1858' FROM DER, 600' RIGHT OF CENTERLINE, UP TO 71' AGL/500' MSL.
RWY19: TREES BEGINNING 191' FROM DER, 13' LEFT OF CENTERLINE, UP TO 77' AGL/457' MSL. TREES BEGINNING 1176' FROM DER, 57' RIGHT OF CENTERLINE, UP TO 76' AGL/500' MSL.

(4) CONTROLLING OBSTACLES:

QUALITY 2 CHECKED

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
SOUTH HILL, VA	MECKLENBURG-BRUNSWICK RGNL	29 JUL 2010	2

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 1, STANDARD WITH MINIMUM CLIMB OF 290 FEET PER NM TO 3,200 OR 3,000-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 15, STANDARD WITH MINIMUM CLIMB OF 375 FEET PER NM TO 5,900 OR 3,000-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 19, STANDARD WITH MINIMUM CLIMB OF 290 FEET PER NM TO 5,300 OR 3,000-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 33, STANDARD WITH MINIMUM CLIMB OF 210 FEET PER NM TO 2,400 OR 3,000-3 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 1 - CLIMB HEADING 006.43 TO 3,200 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS BURLINGTON INTL AIRPORT AT OR ABOVE 3,200 BEFORE PROCEEDING ON COURSE.
RWY 15 - FOR CLIMB IN VISUAL CONDITIONS CROSS BURLINGTON INTL AIRPORT AT OR ABOVE 3,200 BEFORE PROCEEDING ON COURSE.
RWY 19 - CLIMB HEADING 186.43 TO 3,200 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS BURLINGTON INTL AIRPORT AT OR ABOVE 3,200 BEFORE PROCEEDING ON COURSE.
RWY 33 - CLIMB HEADING 325.83 TO 2,400 BEFORE PROCEEDING ON COURSE OR FOR CLIMB IN VISUAL CONDITIONS CROSS BURLINGTON INTL AIRPORT AT OR ABOVE 3,200 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: **NOTE: RWY 1, TREES BEGINNING 1,396 FEET FROM DER, 216 FEET RIGHT OF CENTERLINE, UP TO 64 FEET AGL/384 FEET MSL. TREES 1,694 FEET FROM DER, 200 FEET LEFT OF CENTERLINE, UP TO 80 FEET AGL/380 FEET MSL. NOTE: RWY 15, BUSH 318 FEET FROM DER, 292 FEET LEFT OF CENTERLINE, UP TO 23 FEET AGL/343 FEET MSL. TREES BEGINNING 1,418 FEET FROM DER, 358 FEET RIGHT OF CENTERLINE, UP TO 27 FEET AGL/387 FEET MSL. HOPPER AND TREES BEGINNING 1,801 FEET FROM DER, 377 FEET LEFT OF CENTERLINE, UP TO 63 FEET AGL/403 FEET MSL. BUILDING 3,453 FEET FROM DER, 1,145 FEET LEFT OF CENTERLINE, 110 FEET AGL/430 FEET MSL. NOTE: RWY 19, TREES BEGINNING 168 FEET FROM DER, 24 FEET RIGHT OF CENTERLINE, UP TO 56 FEET AGL/436 FEET MSL. TREES BEGINNING 172 FEET FROM DER, 184 FEET LEFT OF CENTERLINE, UP TO 93 FEET AGL/413 FEET MSL.** **(CONTINUED ON PAGE 2)**

(4) CONTROLLING OBSTACLES:

RWY 1: 4,593 MSL AAO 443238.24N/0724851.46W
RWY 15: 4,593 MSL AAO 443238.24N/0724851.46W
RWY 19: 4,088 MSL TERRAIN 441910.67N/0725310.84W
RWY 33: 4,593 MSL AAO 443238.24N/0724851.46W
RWY 1, 15, 19, 33 (VCOA): 4,593 MSL AAO 443238.24N/0724851.46W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
BURLINGTON, VT	BURLINGTON INTL	29 JUL 2010	13

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DEPARTURE PROCEDURE (CONTINUATION FAA FORM 8260-15A

FLIGHT STANDARDS SERVICE

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

CONTINUED FROM PAGE 1

(3) TAKEOFF OBSTACLE NOTES: RWY 33, POLE AND TREES BEGINNING 971 FEET FROM DER, 755 FEET LEFT OF CENTERLINE, UP TO 97 FEET AGL/357 FEET MSL. TREES 1,091 FEET FROM DER, 590 FEET RIGHT OF CENTERLINE, UP TO 34 FEET AGL/334 FEET MSL.

QUALITY CHECKED

City, State	Airport	Effective Date	Amdt. No.
BURLINGTON, VT	**BURLINGTON INTL**	29 JUL 2010	**13**

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IIP VOR/DME	CULIS (FO)	294.74 / 22.53	8000
AFYAB (IAF)	CULIS (NOPT) (FB)	157.44 / 21.45	8000
GLEES (IAF)	CULIS (NOPT) (FB)	088.37 / 8.72	8000
CULIS (IF/IAF)	HUDOG (FB)	106.68 / 6.02	7000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 8000 DIRECT CINVI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 287.02 INBOUND.
CHART FAS OBST: 5059 TREE 424729N/1052356W
CHART FAS OBST: 5079 TREE 424728N/1052330W
DISTANCE TO THLD FROM 200 HAT: 0.54 NM.
CHART VDP AT 1.26 MILES TO RW11* *LNAV ONLY.
WAAS CHANNEL # 58018
REFERENCE PATH ID: W11A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W CULIS, RT, 106.68 INBOUND, 8000 FT. IN LIEU OF PT (IAF)
3. FAC: 106.76 FAF: HUDOG DIST FAF TO MAP: 6.33 THLD: 6.33
4. MIN. ALT: CULIS 8000, HUDOG 7000, FIKMO/2.20 NM TO RW11 5640*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 7000 GS ALT AT: HUDOG 7000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW11 10700

MAG VAR: 11E EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5121	3/4	200	5121	3/4	200	5121	3/4	200	5121	3/4	200			
LNAV/VNAV DA	5329	1 1/2	408	5329	1 1/2	408	5329	1 1/2	408	5329	1 1/2	408			
LNAV MDA	5340	1	419	5340	1	419	5340	1 1/4	419	5340	1 1/4	419			
CIRCLING	5520	1	587	5520	1	587	5520	1 1/2	587	5560	2	627			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
SEE 8260-10

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4933 TDZE: 4921	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DOUGLAS, WY	AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 11, ORIG 29 JUL 2010	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES CONT.
***LNAV ONLY**
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IIP VOR/DME ON V254 SOUTHBOUND.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DOUGLAS, WY	**ELEVATION: 4933 TDZE: 4921** AIRPORT NAME: **CONVERSE COUNTY**	**RNAV**	**RNAV (GPS) RWY 11, ORIG** 29 JUL 2010	SUP: AMDT: **NONE** DATED:

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDGW
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	424755.7505N
LTP/FTP LONGITUDE	1052335.6870W
LTP/FTP ELLIPSOIDAL HEIGHT	+14821
FPAP LATITUDE	424714.1000N
FPAP LONGITUDE	1052148.7000W
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	0760
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D2975BC8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+14964
FPAP ORTHOMETRIC HEIGHT	+14964

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        IIP   K1010860VDLW N42403397W105133441    N42403397W105133441E0120049061     NARHIPSHER

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   AFYAB K10    C   L N43144263W105441807                                NAR          AFYAB
       SUSAEAENRT   CINVI K10    W     N42414813W105075501                                NAR          CINVI
       SUSAEAENRT   CULIS K10    W     N42534105W105382701                                NAR          CULIS
       SUSAEAENRT   FIKMO K10    W     N42485740W105261427                                NAR          FIKMO
       SUSAEAENRT   GLEES K10    C   L N42550688W105500915                                NAR          GLEES
       SUSAEAENRT   HUDOG K10    W     N42505290W105311199                                NAR          HUDOG

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1ADGW     0     065YHN42474990W105230900E011004933        1800018000C    MNAR    CONVERSE COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1FR11   AAFYAB 010AFYABK1EA0E  A    IF                                          18000                A JS
       SUSAP KDGWK1FR11   AAFYAB 020CULISK1EA0EE B 010TF                    15740215    + 08000                      A JS
       SUSAP KDGWK1FR11   AGLEES 010GLEESK1EA0E  A    IF                                          18000                A JS
       SUSAP KDGWK1FR11   AGLEES 020CULISK1EA0EE B 010TF                    08840087    + 08000                      A JS
       SUSAP KDGWK1FR11   AIIP   010IIP  K1D 0V       IF                                          18000                A JS
       SUSAP KDGWK1FR11   AIIP   020CULISK1EA0EY   020TF                    29470225    + 08000                      A JS
       SUSAP KDGWK1FR11   AIIP   030CULISK1EA0EE AR   HF                    10670070    + 08000                      A JS
       SUSAP KDGWK1FR11   R      010CULISK1EA0E  I    IF                                + 08000     18000            A JS
       SUSAP KDGWK1FR11   R      020HUDOGK1EA1E  F 051TF                    10670060    + 07000              RW11  K1PGA JS
       SUSAP KDGWK1FR11   R      020HUDOGK1EA2WALPV       ALNAV/VNAV ALNAV                                            JS
       SUSAP KDGWK1FR11   R      021FIKMOK1EA0E S  031TF                    10680041    V 0564005655        -300     A JS
       SUSAP KDGWK1FR11   R      030RW11 K1PG0GY M 031TF                    10680022      04950             -300     A JS
       SUSAP KDGWK1FR11   R      040         0  M  010CA                    1068        + 05121                    A JS
       SUSAP KDGWK1FR11   R      050CINVIK1EA0EY   010DF                               + 08000                    A JS
       SUSAP KDGWK1FR11   R      060CINVIK1EA0EE  R020HM                    28700070    + 08000                    A JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 4933 TDZE: 4921	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOUGLAS, WY	AIRPORT NAME: **CONVERSE COUNTY**	**RNAV**	**RNAV (GPS) RWY 11, ORIG** 29 JUL 2010	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.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1GRW11     0065341069 N42475575W105233569+0400     +1482104910000040100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1PR11    RW11 001 0000W11A0N4247557505W10523356870+148210300N4247141000W10521487000106750760000400F400350D2975BC8
       SUSAP KDGWK1PR11    RW11 002E      +14964+14964LPV       58018

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1SRW11 K1PG               0   18018010725                                                                M
```

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DOUGLAS, WY	ELEVATION: 4933 TDZE: 4921 AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 11, ORIG 29 JUL 2010	SUP: AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IIP VOR/DME	CINVI (FO)	062.47 / 4.35	8000
POLDE (IAF)	CINVI (NOPT) (FB)	346.10 / 10.08	8000
POKSY (IAF)	CINVI (NOPT) (FB)	299.53 / 6.94	8000
CINVI (IF/IAF)	FIPET (FB)	287.02 / 6.04	6900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW29

CLIMB TO 8000 DIRECT CULIS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 106.68 INBOUND.
CHART FAS OBST: 5079 TREE 424744N/1052149W
CHART FAS OBST: 5391 TREE 425433N/1051621W
DISTANCE TO THLD FROM 200 HAT: 0.51 NM.
CHART VDP AT 1.47 MILES TO RW29* *LNAV ONLY.
WAAS CHANNEL # 61018
REFERENCE PATH ID: W29A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E CINVI, RT, 287.02 INBOUND, 8000 FT. IN LIEU OF PT (IAF)
3. FAC: 286.94 FAF: FIPET DIST FAF TO MAP: 5.96 THLD: 5.96
4. MIN. ALT: CINVI 8000, FIPET 6900, NADGE/2.20 NM TO RW29 5660*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6900 GS ALT AT: FIPET 6900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 39.0 34:1 IS CLEAR
8. MSA FROM: RW29 10700

MAG VAR: 11E EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	5133	3/4	200	5133	3/4	200	5133	3/4	200	5133	3/4	200			
LNAV/VNAV DA	5369	1 1/2	436	5369	1 1/2	436	5369	1 1/2	436	5369	1 1/2	436			
LNAV MDA	5440	1	507	5440	1	507	5440	1 1/2	507	5440	1 1/2	507			
CIRCLING	5520	1	587	5520	1	587	5520	1 1/2	587	5560	2	627			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -24C (-11F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4933 TDZE: 4933	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DOUGLAS, WY	AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 29, AMDT 1 29 JUL 2010	AMDT: ORIG-A
				DATED 09/24/2009

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

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KDGW
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	424725.6030N
LTP/FTP LONGITUDE	1052218.2290W
LTP/FTP ELLIPSOIDAL HEIGHT	+14891
FPAP LATITUDE	424807.2400N
FPAP LONGITUDE	1052405.2300W
THRESHOLD CROSSING HEIGHT (TCH)	00039.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0760
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	86531CC2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+15035
FPAP ORTHOMETRIC HEIGHT	+15035

CITY AND STATE	ELEVATION: 4933 TDZE: 4933	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOUGLAS, WY	AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 29, AMDT 1 29 JUL 2010	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.

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        IIP   K1010860VDLW N42403397W105133441    N42403397W105133441E0120049061     NARHIPSHER

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CINVI K10    W     N42414813W105075501                              NAR           CINVI
       SUSAEAENRT   CULIS K10    W     N42534105W105382701                              NAR           CULIS
       SUSAEAENRT   FIPET K10    W     N42443832W105150942                              NAR           FIPET
       SUSAEAENRT   NADGE K10    W     N42462387W105193978                              NAR           NADGE
       SUSAEAENRT   POKSY K10    C   L N42371778W105004601                              NAR           POKSY
       SUSAEAENRT   POLDE K10    C   L N42314378W105071345                              NAR           POLDE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1ADGW     0     065YHN42474990W105230900E011004933         1800018000C    MNAR    CONVERSE COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDGWK1FR29   AIIP   010IIP  K1D 0V       IF                                                18000                A JS
       SUSAP KDGWK1FR29   AIIP   020CINVIK1EA0EY   020TF                    06250044    + 08000                                A JS
       SUSAP KDGWK1FR29   AIIP   030CINVIK1EA0EE AR   HF                    28700070    + 08000                                A JS
       SUSAP KDGWK1FR29   APOKSY 010POKSYK1EA0E  A    IF                                                18000                A JS
       SUSAP KDGWK1FR29   APOKSY 020CINVIK1EA0EE B 010TF                    29950069    + 08000                                A JS
       SUSAP KDGWK1FR29   APOLDE 010POLDEK1EA0E  A    IF                                                18000                A JS
       SUSAP KDGWK1FR29   APOLDE 020CINVIK1EA0EE B 010TF                    34610101    + 08000                                A JS
       SUSAP KDGWK1FR29   R      010CINVIK1EA0E  I    IF                                + 08000      18000                A JS
       SUSAP KDGWK1FR29   R      020FIPETK1EA1E  F 051TF                    28700060    + 06900                RW29  K1PGA JS
       SUSAP KDGWK1FR29   R      020FIPETK1EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
       SUSAP KDGWK1FR29   R      021NADGEK1EA0E S  031TF                    28690038    V 0566005677       -300             A JS
       SUSAP KDGWK1FR29   R      030RW29 K1PG0GY M 031TF                    28690022      04972            -300             A JS
       SUSAP KDGWK1FR29   R      040         0  M  010CA                    2869        + 05133                             A JS
       SUSAP KDGWK1FR29   R      050CULISK1EA0EY   010DF                                + 08000                             A JS
       SUSAP KDGWK1FR29   R      060CULISK1EA0EE  R020HM                    10670070    + 08000                             A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 4933 TDZE: 4933	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DOUGLAS, WY	AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 29, AMDT 1 29 JUL 2010	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.

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDGWK1GRW29    0065342869 N42472560W105221823-0400    +1489104933000039100R

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDGWK1PR29    RW29 001 0000W29A0N4247256030W10522182290+148910300N4248072400W1052405230010675076000039OF40035086531CC2
        SUSAP KDGWK1PR29    RW29 002E      +15035+15035LPV       61018

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDGWK1SRW29 K1PG              0   18018010725                                                                  M
```

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
DOUGLAS, WY	ELEVATION: 4933 TDZE: 4933 AIRPORT NAME: CONVERSE COUNTY	RNAV	RNAV (GPS) RWY 29, AMDT 1 29 JUL 2010	SUP: AMDT: ORIG-A DATED: 09/24/2009

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30730 ; Amdt. No. 3379]

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

AGENCY: Federal Aviation Administration (FAA), DOT.

ACTION: Final Rule.

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

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

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

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

For Examination –

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

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

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

4. The National Archives and Records Administration (NARA). For information on the availability of this material at NARA, call 202-741-6030, or go to: http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html.

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

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

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

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

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

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

THE RULE

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

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

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

CONCLUSION

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

List of Subjects in 14 CFR part 97:

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

Issued in Washington, DC on June 11, 2010.

John M. Allen

John M. Allen
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
29-Jul-10	AK	FAIRBANKS	FAIRBANKS INTL	0/0892	5/25/10	RNAV (GPS) RWY 2L, ORIG
29-Jul-10	AK	MIDDLETON ISLAND	MIDDLETON ISLAND	0/0958	5/25/10	VOR/DME RWY 19, AMDT 5
29-Jul-10	AK	MIDDLETON ISLAND	MIDDLETON ISLAND	0/0959	5/25/10	VOR RWY 1, AMDT 2
29-Jul-10	AK	MIDDLETON ISLAND	MIDDLETON ISLAND	0/0961	5/25/10	RNAV (GPS) RWY 19, ORIG
29-Jul-10	AK	MIDDLETON ISLAND	MIDDLETON ISLAND	0/0962	5/25/10	RNAV (GPS) RWY 1, ORIG
29-Jul-10	FL	OKEECHOBEE	OKEECHOBEE COUNTY	0/1147	5/25/10	RNAV (GPS) RWY 14, ORIG
29-Jul-10	FL	OKEECHOBEE	OKEECHOBEE COUNTY	0/1148	5/25/10	RNAV (GPS) RWY 32, ORIG
29-Jul-10	CO	BURLINGTON	KIT CARSON COUNTY	0/1503	5/25/10	NDB RWY 15, AMDT 1
29-Jul-10	NH	MANCHESTER	MANCHESTER	0/1601	5/25/10	VOR/DME OR GPS RWY 17, ORIG-C
29-Jul-10	NY	EAST HAMPTON	EAST HAMPTON	0/1697	5/25/10	RNAV (GPS) Z RWY 10, ORIG
29-Jul-10	NY	SHIRLEY	BROOKHAVEN	0/1698	5/25/10	RNAV (GPS) Z RWY 24, ORIG
29-Jul-10	VA	CHARLOTTESVILLE	CHARLOTTESVILLE-ALBEMARLE	0/1699	5/25/10	RNAV (GPS) Z RWY 21, ORIG-A
29-Jul-10	NH	WHITEFIELD	MOUNT WASHINGTON REGIONAL	0/1700	5/25/10	RNAV (GPS) Z RWY 10, ORIG
29-Jul-10	NY	ITHACA	ITHACA TOMPKINS RGNL	0/1701	5/25/10	RNAV (GPS) Z RWY 14, ORIG
29-Jul-10	MD	BALTIMORE	BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL	0/1702	5/25/10	ILS RWY 15R, AMDT 15B
29-Jul-10	IA	CHEROKEE	CHEROKEE COUNTY RGNL	0/2102	5/25/10	RNAV (GPS) Z RWY 36, ORIG
29-Jul-10	NM	SOCORRO	SOCORRO MUNI	0/2103	6/4/10	RNAV (GPS) Z RWY 33, ORIG
29-Jul-10	CA	ARCATA/EUREKA	ARCATA	0/2180	6/4/10	ILS RWY 32, AMDT 29C
29-Jul-10	WA	RENTON	RENTON MUNI	0/2188	5/25/10	RNAV (GPS) Z RWY 16, AMDT 1

29-Jul-10	OR	THE DALLES	COLUMBIA GORGE REGIONAL/THE DALLES MUNI	0/2189	5/25/10	LDA/DME RWY 25, ORIG
29-Jul-10	AZ	KINGMAN	KINGMAN	0/2191	5/25/10	RNAV (GPS) Z RWY 21, ORIG
29-Jul-10	OR	REDMOND	ROBERTS FIELD	0/2193	5/25/10	RNAV (GPS) Z RWY 28, ORIG
29-Jul-10	WA	YAKIMA	YAKIMA AIR TERMINAL / MCALLISTER FIELD	0/2194	5/25/10	ILS Z RWY 27, AMDT 27
29-Jul-10	WA	YAKIMA	YAKIMA AIR TERMINAL / MCALLISTER FIELD	0/2195	5/25/10	RNAV (GPS) Z RWY 27, ORIG
29-Jul-10	WA	YAKIMA	YAKIMA AIR TERMINAL / MCALLISTER FIELD	0/2196	5/25/10	ILS Y RWY 27, ORIG
29-Jul-10	GA	DALTON	DALTON MUNI	0/2418	5/26/10	RNAV (GPS) RWY 14, ORIG-A
29-Jul-10	GA	DALTON	DALTON MUNI	0/2419	5/26/10	ILS OR LOC RWY 14, ORIG-A
29-Jul-10	GA	DALTON	DALTON MUNI	0/2420	5/26/10	RNAV (GPS) RWY 32, ORIG
29-Jul-10	CT	GROTON/NEW LONDON	GROTON-NEW LONDON	0/2589	5/27/10	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 7
29-Jul-10	WA	SEATTLE	BOEING FIELD/KING COUNTY INTL	0/2663	6/7/10	ILS RWY 13R, AMDT 29
29-Jul-10	CA	VAN NUYS	VAN NUYS	0/2665	5/27/10	ILS RWY 16R, AMDT 5C
29-Jul-10	OR	ASTORIA	ASTORIA RGNL	0/2666	6/7/10	ILS RWY 26, AMDT 2B
29-Jul-10	NV	RENO	RENO/TAHOE INTL	0/2668	5/27/10	RNAV (GPS) Y RWY 34L, ORIG
29-Jul-10	CA	SALINAS	SALINAS MUNI	0/2669	5/27/10	RNAV (GPS) Z RWY 31, ORIG
29-Jul-10	NV	RENO	RENO/TAHOE INTL	0/2670	5/27/10	RNAV (GPS) Y RWY 34R, ORIG
29-Jul-10	CA	SALINAS	SALINAS MUNI	0/2671	5/27/10	ILS RWY 31, AMDT 5C
29-Jul-10	CA	ORLAND	HAIGH FIELD	0/2708	5/27/10	VOR OR GPS A, AMDT 6
29-Jul-10	HI	HONOLULU	HONOLULU INTL	0/2769	5/27/10	RNAV (RNP) Z RWY 8L, ORIG
29-Jul-10	TX	SAN ANGELO	SAN ANGELO REGIONAL/MATHIS FLD	0/2779	6/8/10	VOR/DME OR TACAN RWY 3, ORIG-A
29-Jul-10	TX	SAN ANGELO	SAN ANGELO REGIONAL/MATHIS FLD	0/2780	6/8/10	RADAR-1, AMDT 1

29-Jul-10	TX	SAN ANGELO	SAN ANGELO REGIONAL/MATHIS FLD	0/2781	6/8/10	ILS RWY 3, AMDT 21
29-Jul-10	AL	ENTERPRISE	ENTERPRISE MUNI	0/3150	6/8/10	VOR RWY 5, AMDT 4
29-Jul-10	AL	ENTERPRISE	ENTERPRISE MUNI	0/3152	6/8/10	RNAV (GPS) RWY 5, AMDT 1
29-Jul-10	MT	BILLINGS	BILLINGS LOGAN INTL	0/3487	6/9/10	LOC/DME RWY 28R, ORIG-B
29-Jul-10	IA	CEDAR RAPIDS	THE EASTERN IOWA	0/3944	6/3/10	RNAV (GPS) RWY 26, ORIG
29-Jul-10	IA	CEDAR RAPIDS	THE EASTERN IOWA	0/3947	6/3/10	VOR/DME RWY 8, ORIG
29-Jul-10	IA	CEDAR RAPIDS	THE EASTERN IOWA	0/3949	6/3/10	VOR RWY 26, ORIG
29-Jul-10	IA	CEDAR RAPIDS	THE EASTERN IOWA	0/3950	6/3/10	RNAV (GPS) RWY 8, ORIG
29-Jul-10	CA	SAN DIEGO	MONTGOMERY FIELD	0/4634	6/9/10	TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 3
29-Jul-10	CQ	SAIPAN	FRANCISCO C. ADA/SAIPAN INTL	0/9757	3/16/10	ILS OR LOC/DME RWY 7, AMDT 5A

AIRAC Date: 29 July 2010

FDC 0/0892 FAI FI/P FAIRBANKS INTL, FAIRBANKS, AK. RNAV (GPS) RWY 2L, ORIG...LPV DA 639/HAT 200 ALL CATS. LNAV HAT 381 ALL CATS. THIS IS RNAV (GPS) RWY 2L, ORIG-A.

FDC 0/0958 MDO FI/P MIDDLETON ISLAND, MIDDLETON ISLAND, AK. VOR/DME RWY 19, AMDT 5...S-19 CATS A/B/C MDA 660/HAT 560. VISIBILITY CAT C 1 1/2. CIRCLING CATS A/B/C MDA 660/HAA 560. DELETE ALL REFERENCES TO VDP. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR/DME RWY 19, AMDT 5A.

FDC 0/0959 MDO FI/P MIDDLETON ISLAND, MIDDLETON ISLAND, AK. VOR RWY 1, AMDT 2...S-1 CATS A/B//C MDA 560/HAT 460. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR RWY 1, AMDT 2A

FDC 0/0961 MDO FI/P MIDDLETON ISLAND, MIDDLETON ISLAND, AK. RNAV (GPS) RWY 19, ORIG...LNAV CATS A/B/C MDA 660/HAT 560. VISIBILITY CAT C 1 1/2. CIRCLING CATS A/B/C MDA 660/HAA 560. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 19, ORIG-A.

FDC 0/0962 MDO FI/P MIDDLETON ISLAND, MIDDLETON ISLAND, AK. RNAV (GPS) RWY 1, ORIG...LNAV CATS A/B/C MDA 560/HAT 460. DELETE ALL REFERENCE TO VDP. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 1, ORIG-A.

FDC 0/1147 OBE FI/P OKEECHOBEE COUNTY, OKEECHOBEE, FL. RNAV (GPS) RWY 14, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 14, ORIG-A.

FDC 0/1148 OBE FI/P OKEECHOBEE COUNTY, OKEECHOBEE, FL. RNAV (GPS) RWY 32, ORIG...CHART NOTE: PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 32, ORIG-A.

FDC 0/1503 ITR FI/P KIT CARSON COUNTY, BURLINGTON, CO. NDB RWY 15, AMDT 1...S-15 MDA 4940/HAT 721 ALL CATS, VIS CAT C 2, CAT D 2 1/4 CIRCLING MDA 4940/HAA 721 ALL CATS, VIS CAT C 2, CAT D 2 1/4 CHART FAS OBST 4572 WIND TURBINE 392145N/1022257W CHART APT ELEV 4219 CHART TDZE 4219. THIS IS NDB RWY 15, AMDT 1A.

FDC 0/1601 MHT FI/P MANCHESTER, MANCHESTER, NH. VOR/DME OR GPS RWY 17, ORIG-C...ADD PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CON VORTAC AIRWAY RADIALS 172 CW 246. CHANGE ALL REFERENCE TO (MAFOR) TO READ: MAFOR/CON 17.5 DME. THIS IS VOR/DME RWY 17, ORIG-D.

FDC 0/1697 HTO FI/P EAST HAMPTON, EAST HAMPTON, NY. RNAV (GPS) Z RWY 10, ORIG...DELETE CIRCLING MINIMUMS. THIS IS RNAV (GPS) Z RWY 10, ORIG-A.

FDC 0/1698 HWV FI/P BROOKHAVEN, SHIRLEY, NY. RNAV (GPS) Z RWY 24, ORIG...DELETE CIRCLING MINIMUMS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ISLIP ALTIMETER SETTING AND INCREASE LPV DA TO 378. DELETE WAAS SYMBOL. THIS IS RNAV (GPS) Z RWY 24, ORIG-A.

FDC 0/1699 CHO FI/P CHARLOTTESVILLE-ALBEMARLE, CHARLOTTESVILLE, VA. RNAV (GPS) Z RWY 21, ORIG-A...DELETE CIRCLING MINIMUMS. ALTERNATE MINIMUMS: STANDARD; EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STAUNTON/WAYNESBORO/HARRISONBURG ALTIMETER SETTING AND INCREASE DA 140 FEET AND INCREASE LPV VISIBILITY 1/2 MILE ALL CATS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON RNAV GLIDEPATH TO CMDA. THIS IS RNAV (GPS) Z RWY 21, ORIG-B.

FDC 0/1700 HIE FI/P MOUNT WASHINGTON REGIONAL, WHITEFIELD, NH. RNAV (GPS) Z RWY 10, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA SOUTH OF RWY 10-28. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO MDA. DELETE NOTE: CIRCLING TO RWY 28 NA AT NIGHT. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LYNDONVILLE ALTIMETER SETTING AND INCREASE DA 71 FEET AND LPV ALL CATS VISIBILITY 1/2 MILE. THIS IS RNAV (GPS) Z RWY 10, ORIG-A.

FDC 0/1701 ITH FI/P ITHACA TOMPKINS RGNL, ITHACA, NY. RNAV (GPS) Z RWY 14, ORIG...DELETE CIRCLING MINIMUMS. ALTERNATE MINIMUMS: STANDARD: EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ELMIRA ALTIMETER SETTING AND INCREASE DA 84 FEET AND LPV ALL CATS VISIBILITY 1/4 MILE. DELETE NOTE: CIRCLING REQUIRES DESCENT ON RNAV GLIDEPATH TO CMDA. THIS IS RNAV (GPS) Z RWY 14, ORIG-A.

FDC 0/1702 BWI FI/P BALTIMORE/WASHINGTON INTL THURGOOD MARSHALL, BALTIMORE, MD. ILS RWY 15R, AMDT 15B...DELETE CIRCLING MINIMUMS. DELETE NOTE: (ATTENTION SYMBOL) CIRCLING REQUIRES DESCENT ON GLIDESLOPE TO MDA. THIS IS ILS RWY 15R, AMDT 15C.

FDC 0/2102 CKP FI/P CHEROKEE COUNTY RGNL, CHEROKEE, IA. RNAV (GPS) Z RWY 36, ORIG...DELETE CIRCLING MINIMUMS. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 3200 DIRECT DULMY AND ON TRACK 003 TO CISAC AND HOLD. DELETE NOTES: CIRCLING TO RWY 1-19 NA. CIRCLING NA AT NIGHT. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STORM LAKE ALTIMETER SETTING AND INCREASE ALL DA 74 FEET AND ALL VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) Z RWY 36, ORIG-A.

FDC 0/2103 ONM FI/P SOCORRO MUNI, SOCORRO, NM. RNAV (GPS) Z RWY 33, ORIG...DELETE CIRCLING MINIMUMS. CHANGE MISSED APPROACH INSTRUCTIONS TO READ: CLIMB TO 8000 DIRECT KANPE AND ON TRACK 005.07 TO ONM VORTAC AND HOLD. DELETE NOTES: CIRCLING NA WEST OF RWY 15-33. CIRCLING REQUIRES DESCENT ON GS TO CMDA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NOT AUTHORIZED. THIS IS RNAV (GPS) Z RWY 33, ORIG-A.

FDC 0/2180 ACV FI/P ARCATA, ARCATA/EUREKA, CA. ILS RWY 32, AMDT 29C...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA EAST OF RWY 14-32. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDESLOPE TO MDA. DELETE NOTE: INCREASE S-ILS 32 VISIBILITY TO RVR 4000 AND INCREASE CIRCLING VISIBILITY CAT D TO 2 1/4. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CRESENT CITY ALTIMETER SETTING AND INCREASE ALL DA 135 FEET AND S-ILS 32 VISIBILITY TO RVR 4000. ADD NOTE: FOR INOPERATIVE MALSR WHEN USING CRESENT CITY ALTIMETER SETTING, INCREASE S-ILS 32 VISIBILITY TO RVR 6000 ALL CATS. THIS IS ILS RWY 32, AMDT 29D.

FDC 0/2188 RNT FI/P RENTON MUNI, RENTON, WA. RNAV (GPS) Z RWY 16, AMDT 1...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA W OF RWY 16-34. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO CMDA. ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) Z RWY 16, AMDT 1A.

FDC 0/2189 DLS FI/P COLUMBIA GORGE REGIONAL/THE DALLES MUNI, THE DALLES, OR. LDA/DME RWY 25, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO MDA. THIS IS LDA/DME RWY 25, ORIG-A.

FDC 0/2191 IGM FI/P KINGMAN, KINGMAN, AZ. RNAV (GPS) Z RWY 21, ORIG...DELETE CIRCLING MINIMUMS. THIS IS RNAV (GPS) Z RWY 21, ORIG-A.

FDC 0/2193 RDM FI/P ROBERTS FIELD, REDMOND, OR. RNAV (GPS) Z RWY 28, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO MDA. THIS IS RNAV (GPS) Z RWY 28, ORIG-A.

FDC 0/2194 YKM FI/P YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. ILS Z RWY 27, AMDT 27...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA SOUTH OF RWY 9/27. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO CMDA. ALTERNATE MINIMUMS: STANDARD. THIS IS ILS Z RWY 27, AMDT 27A.

FDC 0/2195 YKM FI/P YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. RNAV (GPS) Z RWY 27, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA SOUTH OF RWY 9/27. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA. ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) Z RWY 27, ORIG-A.

FDC 0/2196 YKM FI/P YAKIMA AIR TERMINAL/MCALLISTER FIELD, YAKIMA, WA. ILS Y RWY 27, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING NA SOUTH OF RWY 9/27. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO CMDA. ALTERNATE MINIMUMS: 600-2 1/4, EXCEPT NA WHEN CONTROL TOWER CLOSED. THIS IS ILS Y RWY 27, ORIG-A.

FDC 0/2418 DNN FI/P DALTON MUNI, DALTON, GA. RNAV (GPS) RWY 14, ORIG-A...LPV: DA 1101, VISIBILITY 1 1/4 ALL CATS. LNAV/VNAV: DA 1138, VISIBILITY 1 1/2 ALL CATS. LNAV: HAT 531 ALL CATS. VIS CAT A/B 1, CAT C 1 1/2, CAT D 1 3/4. CIRCLING: CAT A/B/C HAA 531, CAT D HAA 551. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE: ALL NOTES REFERENCE INOPERATIVE MALSRS. CHART PROFILE NOTE: VGSI AND RNAV DESCENT ANGLES NOT COINCIDENT. CHART: FAS OBSTACLE 932 MSL ANTENNA 344537N/0845431W. CHART: TDZE 709. CHART: AIRPORT ELEV 709. THIS IS RNAV (GPS) RWY 14, ORIG-B.

FDC 0/2419 DNN FI/P DALTON MUNI, DALTON, GA. ILS OR LOC RWY 14, ORIG-A...S-ILS 14: DA 960, VIS 3/4 ALL CATS. S-LOC 14: HAT 531 ALL CATS. VIS CAT A/B 1, CAT C 1 1/2, CAT D 1 3/4. CIRCLING: CAT A/B/C HAA 531, CAT D HAA 551. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY. DELETE NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14. DELETE: ALL NOTES REFERENCE INOPERATIVE MALSRS. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. CHART: FAS OBSTACLE: 932 MSL ANTENNA 344537N/0845431W. CHART: TDZE: 709. CHART: AIRPORT ELEVATION: 709. THIS IS ILS OR LOC RWY 14, ORIG-B.

FDC 0/2420 DNN FI/P DALTON MUNI, DALTON, GA. RNAV (GPS) RWY 32, ORIG...LNAV: HAT 475 ALL CATS. CIRCLING: CAT A/B/C HAA 531, CAT D HAA 551. CHART: VDP AT 1.35 MILES TO RW32. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOWELL FIELD, CHATTANOOGA, TN ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND LNAV CAT C AND D, AND CIRCLING CAT C VISIBILITY 1/4 MILE. 34:1 IS NOT CLEAR. CHART: TDZE: 705. CHART: AIRPORT ELEVATION: 709. THIS IS RNAV (GPS) RWY 32, ORIG-A.

FDC 0/2589 GON FI/P GROTON-NEW LONDON, GROTON/NEW LONDON, CT. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 7...TAKE-OFF MINIMUMS: RWY 5, 300-1 1/2 OR STD WITH MIN CLIMB OF 201 FT PER NM TO 300. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 7A.

FDC 0/2663 BFI FI/P BOEING FIELD/KING COUNTY INTL, SEATTLE, WA. ILS RWY 13R, AMDT 29...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO MDA. DELETE NOTE: FRONT COURSE UNUSABLE BEYOND 20 DEGREES LEFT OF COURSE. DELETE TIME DISTANCE TABLE. ALTERNATE MINIMUMS: STANDARD. THIS IS ILS RWY 13R, AMDT 29A.

FDC 0/2665 VNY FI/P VAN NUYS, VAN NUYS, CA. ILS RWY 16R, AMDT 5C...DELETE FROM MINIMUMS SECTION: APPROACH NOT AUTHORIZED WHEN GLIDE SLOPE NOT USED. DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO MDA. DELETE TIME DISTANCE TABLE. THIS IS ILS RWY 16R, AMDT 5D.

FDC 0/2666 AST FI/P ASTORIA RGNL, ASTORIA, OR. ILS RWY 26, AMDT 2B...DELETE S-LOC 26, APPROACH NOT AUTHORIZED WHEN GLIDE SLOPE NOT UTILIZED. DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GS TO MDA. DELETE TIME DISTANCE TABLE. DELETE FROM PROFILE: FAF SYMBOL AT ASTOI OM. THIS IS ILS RWY 26, AMDT 2C.

FDC 0/2668 RNO FI/P RENO/TAHOE INTL, RENO, NV. RNAV (GPS) Y RWY 34L, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING TO RWY 7, 25 NA AT NIGHT. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA. ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) Y RWY 34L, ORIG-A.

FDC 0/2669 SNS FI/P SALINAS MUNI, SALINAS, CA. RNAV (GPS) Z RWY 31, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO MDA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY PENINSULA ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND LNAV/VNAV ALL CATS VISIBILITY TO RVR 5000. ALTERNATE MINIMUMS STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) Z RWY 31, ORIG-A.

FDC 0/2670 RNO FI/P RENO/TAHOE INTL, RENO, NV. RNAV (GPS) Y RWY 34R, ORIG...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING TO RWY 7, 25 NA AT NIGHT. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDEPATH TO CMDA. ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) Y RWY 34R, ORIG-A.

FDC 0/2671 SNS FI/P SALINAS MUNI, SALINAS, CA. ILS RWY 31, AMDT 5C...DELETE CIRCLING MINIMUMS. DELETE NOTE: CIRCLING REQUIRES DESCENT ON GLIDE SLOPE TO CMDA. DELETE TIME DISTANCE TABLE. DELETE FROM PROFILE: FAF SYMBOL AT MACAM OM. ALTERNATE MINIMUMS STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MONTEREY PENINSULA ALTIMETER SETTING AND INCREASE S-ILS 31 DA 53 FEET. THIS IS ILS RWY 31, AMDT 5D.

FDC 0/2708 O37 FI/P HAIGH FIELD, ORLAND, CA. VOR OR GPS A, AMDT 6...CIRCLING: MDA 1100/HAA 885 ALL CATS, VISIBILITY CATS A/B 1 1/4, CAT C 2 3/4, CAT D 3. REDDING ALTIMETER SETTING MINIMUMS: CIRCLING: MDA 1220/HAA 1005 ALL CATS, VISIBILITY CAT A 1 1/4, CAT B 1 1/2, CATS C/D 3. THIS IS VOR OR GPS A, AMDT 6A.

FDC 0/2769 HNL FI/P HONOLULU INTL, HONOLULU, HI. RNAV (RNP) Z RWY 8L, ORIG...RNP 0.30 DA 386/HAT 373 ALL CATS. VISIBILITY 1 ALL CATS. DELETE FROM PLANVIEW: AT OR BELOW 3000 AT HALAU. CHANGE INOPERATIVE MALSR NOTE TO READ: FOR INOPERATIVE MALSR INCREASE RNP 0.30 VISIBILITY TO 1 1/2 ALL CATS. THIS IS RNAV (RNP) Z RWY 8L, ORIG-A

FDC 0/2779 SJT FI/P SAN ANGELO REGIONAL/MATHIS FLD, SAN ANGELO, TX. VOR/DME OR TACAN RWY 3, ORIG-A...CIRCLING CAT E MDA 2640/HAA 721, VISIBILITY CAT E 2 1/2. THIS IS VOR/DME OR TACAN RWY 3, ORIG-B.

FDC 0/2780 SJT FI/P SAN ANGELO REGIONAL/MATHIS FLD, SAN ANGELO, TX. RADAR-1, AMDT 1...CIRCLING CAT E MDA 2640/HAA 721, VISIBILITY CAT E 2 1/2 . ALTERNATE MINIMUMS: STANDARD EXCEPT, CATEGORY E 800-2 1/2. THIS IS RADAR-1, AMDT 1A.

FDC 0/2781 SJT FI/P SAN ANGELO REGIONAL/MATHIS FLD, SAN ANGELO, TX. ILS RWY 3, AMDT 21...CIRCLING CAT E MDA 2640/HAA 721, VISIBILITY CAT E 2 1/2 . ALTERNATE MINIMUMS: STANDARD EXCEPT, ILS CATEGORY E 800-2 1/2. LOC CATEGORY E 800-2 1/2. THIS IS ILS OR LOC RWY 3, AMDT 21A.

FDC 0/3150 EDN FI/P ENTERPRISE MUNI, ENTERPRISE, AL. VOR RWY 5, AMDT 4...CHANGE ALTIMETER NOTE TO READ: USE CAIRNS AAF (FORT RUCKER) ALTIMETER SETTING. S-5 MDA 1540/HAT 1180 CATS A/B/C. CIRCLING MDA 1540/HAA 1179 CATS A/B/C. CESVA INT/RADAR MINIMUMS: S-5 MDA 820/HAT 460 CATS A/B/C. CIRCLING MDA 860/HAA 499 CATS A/B/C. CESVA TO RW05: 2.85/50. PROFILE: CESVA INT/RADAR MINIMUM ALTITUDE 1540. DELETE PROFILE NOTE: 1540 WHEN USING CAIRNS AAF (FORT RUCKER) ALTIMETER SETTING. DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR RWY 5, AMDT 4A.

FDC 0/3152 EDN FI/P ENTERPRISE MUNI, ENTERPRISE, AL. RNAV (GPS) RWY 5, AMDT 1...CHANGE ALTIMETER NOTE TO READ: USE CAIRNS AAF (FORT RUCKER) ALTIMETER SETTING. LPV DA 642/HAT 282 CATS A/B/C. LNAV/VNAV DA 688/HAT 328 CATS A/B/C, VISIBILITY CATS A/B/C 1 1/4. LNAV MDA 760/HAT 400 CATS A/B/C. CIRCLING MDA 860/HAA 499 CATS A/B/C. CHANGE BARO-VNAV NOTE TO READ: BARO-VNAV NA. DELETE VDP. THIS IS RNAV (GPS) RWY 5, AMDT 1A.

FDC 0/3487 BIL FI/P BILLINGS LOGAN INTL, BILLINGS, MT. ILS OR LOC/DME RWY 28R, ORIG-B...CHART PROFILE NOTE: PROCEDURE TURN NA. THIS IS ILS OR LOC/DME RWY 28R, ORIG-C.

FDC 0/3944 CID FI/P THE EASTERN IOWA, CEDAR RAPIDS, IA. RNAV (GPS) RWY 26, ORIG...ADD LNAV CAT D MDA 1240/HAT 378, VIS CAT D 1 1/4. ADD CIRCLING CAT D MDA 1420/HAA 551, VIS CAT D 2. CHANGE NOTE TO READ WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE IOWA CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CATS C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 26, ORIG-A.

FDC 0/3947 CID FI/P THE EASTERN IOWA, CEDAR RAPIDS, IA. VOR/DME RWY 8, ORIG...ADD S-8 CAT D MDA 1240/HAT 383, VIS CAT D 1 1/4. ADD CIRCLING CAT D MDA 1420/HAA 551, VIS CAT D 2. CHANGE NOTE TO READ WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE IOWA CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET AND S-8 CATS C/D VISIBILITY 1/4 MILE. THIS IS VOR/DME RWY 8, ORIG-A.

FDC 0/3949 CID FI/P THE EASTERN IOWA, CEDAR RAPIDS, IA. VOR RWY 26, ORIG...ADD S-26 CAT D MDA 1380/HAT 518, VIS CAT D 1 3/4. ADD CIRCLING CAT D MDA 1420/HAA 551, VIS CAT D 2. THIS IS VOR RWY 26, ORIG-A.

FDC 0/3950 CID FI/P THE EASTERN IOWA, CEDAR RAPIDS, IA. RNAV (GPS) RWY 8, ORIG...ADD: LNAV CAT D MDA 1240/HAT 383, VIS CAT D 1 1/4. ADD: CIRCLING CAT D MDA 1420/HAA 551, VIS CAT D 2. CHANGE NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE IOWA CITY ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET; INCREASE LNAV CATS C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 8, ORIG-A.

FDC 0/4634 MYF FI/P MONTGOMERY FIELD, SAN DIEGO, CA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3...TAKEOFF OBSTACLE NOTES: NOTE: RWY 5, TREES AND BUSHES BEGINNING 244 FT FROM DEPARTURE END OF RWY, 161 FT LEFT OF CENTERLINE, UP TO 99 FT AGL/524 FT MSL. TREE 1287 FT FROM DEPARTURE END OF RWY, 103 FT RIGHT OF CENTERLINE, UP TO 49 FT AGL/474 FT MSL. NOTE: RWY 23, TREE, FLAG POLE, AND TRANSMISSION TOWERS BEGINNING 1594 FT FROM DEPARTURE END OF RWY, 82 FT RIGHT OF CENTERLINE, UP TO 125 FT AGL/545 FT MSL. TRANSMISSION TOWERS BEGINNING 2627 FT FROM DEPARTURE END OF RWY, 414 FT LEFT OF CENTERLINE UP TO 125 FT AGL/524 FT MSL. NOTE: RWY 10L, TREES BEGINNING 230 FT FROM DEPARTURE END OF RWY, 494 FT LEFT OF CENTERLINE, UP TO 57 FT AGL/486 FT MSL. TREES BEGINNING 1172 FT FROM DEPARTURE END OF RWY, 591 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/488 FT MSL. NOTE: RWY 10R, ROD ON ELECTRICAL EQUIPMENT 40 FT FROM DEPARTURE END OF RWY, 66 FT LEFT OF CENTERLINE, 7 FT AGL/426 FT MSL. TREES BEGINNING 2107 FT FROM DEPARTURE END OF RWY, 199 FT RIGHT OF CENTERLINE, UP TO 69 FT AGL/488 FT MSL. NOTE: RWY 28L, BUSHES AND POLES BEGINNING 35 FT FROM DEPARTURE END OF RWY, 160 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/451 FT MSL. TREES BEGINNING 1008 FT FROM DEPARTURE END OF RWY, 7 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/451 FT MSL. NOTE: RWY 28R, BUSHES, TREES, AND POLES BEGINNING 34 FT FROM DEPARTURE END OF RWY, 162 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/451 FT MSL. TREES, SIGNS, AND POLES BEGINNING 768 FT FROM DEPARTURE END OF RWY, 98 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/488 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A.

FDC 0/9757 GSN FI/P FRANCISCO C. ADA/SAIPAN INTL, SAIPAN, CQ. ILS OR LOC/DME RWY 7, AMDT 5A...DELETE ALL REFERENCES TO MM DELETE NOTE: CAT. D S-LOC VISIBILITY INCREASED 1/4 MILE FOR INOPERATIVE MM OR MALSR. ADD NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 7 CAT D VISIBILITY TO 1 MILE. THIS IS ILS OR LOC/DME RWY 7, AMDT 5B.