U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 11-22 **September 16, 2011**

**PREPARED BY THE NATIONAL FLIGHT DATA CENTER, AJV-21
(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 a corrected copies of procedures that were previously published in TL 11-19 and TL 11-21.

Wheeler, TX, Wheeler Muni, RNAV (GPS) RWY 17, Orig
East Troy, WI, East Troy Muni, RNAV (GPS) RWY 8, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRISC	FIVWI (FB)	042.65 / 10.98	7000
SYO VORTAC	OKWUS (FB)	309.49 / 29.11	7000
OKWUS (IAF)	LUDIY (FB)	261.78 / 8.00	7000
FIVWI (IAF)	LUDIY (FB)	081.59 / 7.50	7000
EYMUV (IAF)	LUDIY (FB)	171.68 / 15.93	7000
LUDIY (IF)	VUGKU (FB)	171.68 / 9.00	4300
VUGKU (FAF)	YIBUL/2.50 NM TO RW17 (FB)	171.68 / 3.24	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW17
LNAV: RW17

CLIMB TO 7000 DIRECT XANZI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 351.69 INBOUND.
CHART FAS OBST: 2497 TREE 352744N/1001151W
CHART FAS OBST: 2539 TREE 352705N/1001236W
WAAS CHANNEL # 61322
REFERENCE PATH ID: W17A
VUGKU TO RW17: 3.00/40
LTP HAE: 713.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT LUDIY
3. FAC: 171.68 FAF: VUGKU DIST FAF TO MAP: 5.74 THLD: 5.74
4. MIN. ALT: LUDIY 7000, VUGKU 4300, YIBUL/2.50 NM TO RW17 3260
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 4600

MAG VAR: 8E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY ==>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	2940	1	509	2940	1	509	2940	1 3/8	509		NA				
LNAV MDA	2980	1	549	2980	1	549	2980	1 5/8	549		NA				
CIRCLING	3060	1	590	3060	1	590	3060	1 5/8	590		NA				

THIS IS A CORRECTED COPY OF A PROCEDURE IN TL 11-21.
1. DELETED DUPLICATE CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
2. ADDED "VISIBILITY TO 1 3/4" TO CHART NOTE.

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE CLINTON-SHERMAN ALTIMETER SETTING, WHEN NOT RECEIVED USE PAMPA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, INCREASE LP CAT C VISIBILITY TO 1 1/2, INCREASE CIRCLING CAT C VISIBILITY TO 1 3/4.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 2470 THRE: 2431	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: WHEELER MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
YIBUL/2.50 NM TO RW17	RW17 (MAP) (FO)	171.68 / 2.50	
RW17 (MAP)	2870 MSL	171.68	
2870 MSL	XANZI (FO)		7000

NOTES, (CONT.):

CHART NOTE: PROCEDURE NA AT NIGHT.

CITY AND STATE	ELEVATION: 2470 THRE: 2431	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: WHEELER MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	T59
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	352721.4735N
LTP/FTP LONGITUDE	1001159.7805W
LTP/FTP ELLIPSOIDAL HEIGHT	+07138
FPAP LATITUDE	352552.2300N
FPAP LONGITUDE	1001159.1700W
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	1664
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	B69FC43F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07408
FPAP ORTHOMETRIC HEIGHT	+07408

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SYO   K4011520VTL  N35204258W099380725    N35204258W099380725E0100019901     NARSAYRE                        I
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```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRISC K40    C   L N35350686W100314358                        E0062     NAR           BRISC                    I
        SUSAEAENRT   EYMUV K40    C   L N35580453W100121244                        E0060     NAR           EYMUV                    I
        SUSAEAENRT   FIVWI K40    W     N35420457W100211835                        E0061     NAR           FIVWI                    I
        SUSAEAENRT   LUDIY K40    W     N35420744W100120584                        E0060     NAR           LUDIY                    I
        SUSAEAENRT   OKWUS K40    W     N35420972W100021649                        E0059     NAR           OKWUS                    I
        SUSAEAENRT   VUGKU K40    W     N35330663W100120214                        E0060     NAR           VUGKU                    I
        SUSAEAENRT   XANZI K40    W     N35123470W100115393                        E0060     NAR           XANZI                    I
        SUSAEAENRT   YIBUL K40    W     N35295170W100120081                        E0060     NAR           YIBUL                    I
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4AT59     0     035YHN35270390W100115970E008002470         1800018000C    MNAR    WHEELER MUNI                I
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4FR17   ABRISC 010BRISCK4EA0E       IF                                                18000                A JS   I
        SUSAP T59 K4FR17   ABRISC 020FIVWIK4EA0E  A 020TF                    04270110    + 07000                              A JS   I
        SUSAP T59 K4FR17   ABRISC 030LUDIYK4EA0EE B 010TF                    08160075    + 07000                              A JS   I
        SUSAP T59 K4FR17   AEYMUV 010EYMUVK4EA0E  A    IF                                                18000                A JS   I
        SUSAP T59 K4FR17   AEYMUV 020LUDIYK4EA0EE B 010TF                    17170159    + 07000                              A JS   I
        SUSAP T59 K4FR17   ASYO   010SYO  K4D 0V       IF                                                18000                A JS   I
        SUSAP T59 K4FR17   ASYO   020OKWUSK4EA0E  A 020TF                    30950291    + 07000                              A JS   I
        SUSAP T59 K4FR17   ASYO   030LUDIYK4EA0EE B 010TF                    26180080    + 07000                              A JS   I
        SUSAP T59 K4FR17   R      010LUDIYK4EA0E  I    IF                                + 07000     18000                A JS   I
        SUSAP T59 K4FR17   R      020VUGKUK4EA1E  F 051TF                    17170090    + 04300                  RW17  K4PGA JS   I
        SUSAP T59 K4FR17   R      020VUGKUK4EA2WALP        N          ALNAV                                                   JS   I
        SUSAP T59 K4FR17   R      021YIBULK4EA0E S  031TF                    17170032    V 0326003266        -300          A JS   I
        SUSAP T59 K4FR17   R      030RW17 K4PG0GY M 031TF                    17170025      02471             -300          A JS   I
        SUSAP T59 K4FR17   R      040         0  M     CA                    1717        + 02870                              A JS   I
```

CITY AND STATE	ELEVATION: 2470 THRE: 2431	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: WHEELER MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE DATED:

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```
          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4FR17   R      050XANZIK4EA0EY      DF                                + 07000                          A JS   I
        SUSAP T59 K4FR17   R      060XANZIK4EA0EE  R   HM                     35170070   + 07000                          A JS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4GRW17    0035651717 N35272147W100115978+1100    +071380243100004006OR                                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4PR17   RW17 001 0000W17A0N3527214735W10011597805+071380300N3525522300W10011591700106751664000400F400000B69FC43FI
        SUSAP T59 K4PR17   RW17 002E      +07408+07408LP        61322                                                          I

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP T59 K4SRW17 K4PG               0   18018004625                                                          M   I
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CITY AND STATE	ELEVATION: 2470 THRE: 2431	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WHEELER, TX	AIRPORT NAME: WHEELER MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LOYRI (IAF)	ACIDU (NOPT) (FB)	170.93 / 6.30	3000
ODJIR (IAF)	ACIDU (NOPT) (FB)	350.97 / 6.30	3000
ACIDU (IF/IAF)	EGADY (FB)	080.95 / 6.03	2500
EGADY (FAF)	DECER/2.60 NM TO RW08 (FB)	081.04 / 2.47	
DECER/2.60 NM TO RW08	RW08 (MAP) (FO)	081.08 / 2.60	
RW08 (MAP)	2400 MSL	081.08	2400
2400 MSL	VEENA (FO)		3000

This is a corrected copy of a procedure published in TL 11-19.

MISSED APPROACH

LP: RW08
LNAV: RW08

CLIMB TO 2400 THEN CLIMBING RIGHT TURN TO 3000 DIRECT VEENA AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 077.79 INBOUND.
CHART FAS OBST: 979 TREE 424739N/0882441W
WAAS CHANNEL # 78423
REFERENCE PATH ID: W08A
EGADY TO RW08: 3.00/43.
LTP HAE: 222.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W ACIDU, RT, 080.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 081.04 FAF: EGADY DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: ACIDU 3000, EGADY 2500, DECER/2.60 NM TO RW08 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 NOT CLEAR
8. MSA FROM:

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1240	1	397	1240	1	397		NA			NA				
LNAV MDA	1240	1	397	1240	1	397		NA			NA				
CIRCLING	1300	1	440	1320	1	460		NA			NA				

NOTES:
CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE GENERAL MITCHELL INTL ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 8 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 860 THRE: 843 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EAST TROY, WI	EAST TROY MUNI	RNAV	RNAV (GPS) RWY 8, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: CIRCLING TO RWY 26 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	351/30 CW 171/30 (NOPT)	351/20 CW 171/20	3100
2.	351/20 CW 171/20	ACIDU (IF/IAF) (FB)	3000
3.	171/30 CW 261/30	LOYRI (IAF) (FB)	3000
4.	261/30 CW 351/30	ODJIR (IAF) (FB)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 860 THRE: 843	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAST TROY, WI	AIRPORT NAME: EAST TROY MUNI	RNAV	RNAV (GPS) RWY 8, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	57C
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	424747.3155N
LTP/FTP LONGITUDE	0882246.1690W
LTP/FTP ELLIPSOIDAL HEIGHT	+02226
FPAP LATITUDE	424804.1300N
FPAP LONGITUDE	0882047.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00043.2
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	2136EAB9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02569
FPAP ORTHOMETRIC HEIGHT	+02569

QUALITY CHECKED

CITY AND STATE	ELEVATION: 860 THRE: 843	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAST TROY, WI	AIRPORT NAME: EAST TROY MUNI	RNAV	RNAV (GPS) RWY 8, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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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   ACIDU K50    W     N42454062W088373402                     W0029     NAR           ACIDU
        SUSAEAENRT   DECER K50    W     N42471781W088261422                     W0031     NAR           DECER
        SUSAEAENRT   EGADY K50    W     N42464971W088293168                     W0030     NAR           EGADY
        SUSAEAENRT   LOYRI K50    W     N42515170W088391253                     W0029     NAR           LOYRI
        SUSAEAENRT   ODJIR K50    W     N42392951W088355583                     W0029     NAR           ODJIR
        SUSAEAENRT   VEENA K50    C   L N42421756W088181393                     W0032     NAR           VEENA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57C K5A57C     0     039YHN42474980W088222140W002000860        1800018000C    MNAR    EAST TROY MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57C K5FR08   AACIDU 010ACIDUK5EA0EE AR   HF                  08100040    + 03000     18000                A JS
        SUSAP 57C K5FR08   ALOYRI 010LOYRIK5EA0E  A    IF                                      18000                A JS
        SUSAP 57C K5FR08   ALOYRI 020ACIDUK5EA0EE B 010TF                  17090063    + 03000                          A JS
        SUSAP 57C K5FR08   AODJIR 010ODJIRK5EA0E  A    IF                                      18000                A JS
        SUSAP 57C K5FR08   AODJIR 020ACIDUK5EA0EE B 010TF                  35100063    + 03000                          A JS
        SUSAP 57C K5FR08   R      010ACIDUK5EA0E  I    IF                              + 03000     18000                A JS
        SUSAP 57C K5FR08   R      020EGADYK5EA1E  F 051TF                  08100060    + 02500                          A JS
        SUSAP 57C K5FR08   R      020EGADYK5EA2WALP       N          ALNAV                                              JS
        SUSAP 57C K5FR08   R      021DECERK5EA0E S  031TF                  08100025    V 0170001714        -300         A JS
        SUSAP 57C K5FR08   R      030RW08 K5PG0GY M 031TF                  08110026      00886             -300         A JS
        SUSAP 57C K5FR08   R      040         0  M     CA                  0811        + 02400                          A JS
        SUSAP 57C K5FR08   R      050VEENAK5EA0EY  R    DF                          + 03000                          A JS
        SUSAP 57C K5FR08   R      060VEENAK5EA0EE  R    HM                  07780040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 57C K5GRW08    0039000811 N42474732W088224617+0400    +02226008430000043075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 860 THRE: 843	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAST TROY, WI	AIRPORT NAME: EAST TROY MUNI	RNAV	RNAV (GPS) RWY 8, ORIG 20 OCT 2011	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 57C K5PR08   RW08 001 0000W08A0N4247473155W08822461690+022260300N4248041300W088204731001067515600004 32F4000002136EAB9
        SUSAP 57C K5PR08   RW08 002E      +02569+02569LP        78423
```

QUALITY

CITY AND STATE	ELEVATION: 860 THRE: 843	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EAST TROY, WI	AIRPORT NAME: **EAST TROY MUNI**	**RNAV**	**RNAV (GPS) RWY 8, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30803 ; Amdt. No. 3444]

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 September 16, 2011.

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 20 OCT 2011

West Memphis, AR, West Memphis Muni, ILS OR LOC RWY 17, Amdt 5
Windsor Locks, CT, Bradley Intl, ILS OR LOC RWY 6, ILS RWY 6 (SA CAT I), ILS RWY 6 (CAT II), ILS RWY 6 (CAT III), Amdt 37
Windsor Locks, CT, Bradley Intl, ILS OR LOC RWY 24, ILS RWY 24 (SA CAT I), ILS RWY 24 (SA CAT II), Amdt 12
Windsor Locks, CT, Bradley Intl, ILS OR LOC RWY 33, Amdt 10
Windsor Locks, CT, Bradley Intl, RNAV (GPS) Y RWY 6, Amdt 2
Windsor Locks, CT, Bradley Intl, RNAV (GPS) Y RWY 15, Amdt 2
Windsor Locks, CT, Bradley Intl, RNAV (GPS) Y RWY 24, Amdt 3
Windsor Locks, CT, Bradley Intl, RNAV (GPS) Y RWY 33, Amdt 2
Windsor Locks, CT, Bradley Intl, RNAV (RNP) Z RWY 6, Orig
Windsor Locks, CT, Bradley Intl, RNAV (RNP) Z RWY 24, Orig
Windsor Locks, CT, Bradley Intl, VOR OR TACAN RWY 6, Orig-B, CANCELLED
Windsor Locks, CT, Bradley Intl, VOR OR TACAN RWY 15, Amdt 2A, CANCELLED
Windsor Locks, CT, Bradley Intl, VOR OR TACAN RWY 24, Orig-A, CANCELLED
Windsor Locks, CT, Bradley Intl, VOR OR TACAN RWY 33, Orig-C, CANCELLED
Wilmington, DE, New Castle, ILS OR LOC RWY 1, Amdt 23
Daytona Beach, FL, Daytona Beach Intl, ILS OR LOC RWY 25R, Orig
Daytona Beach, FL, Daytona Beach Intl, LOC BC RWY 25R, Amdt 16, CANCELLED
Daytona Beach, FL, Daytona Beach Intl, RNAV (GPS) RWY 25R, Amdt 3
Fitzgerald, GA, Fitzgerald Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Greenfield, IA, Greenfield Muni, NDB OR GPS RWY 32, Amdt 1, CANCELLED
Lamoni, IA, Lamoni Muni, Takeoff Minimums and Obstacle DP, Orig
Driggs, ID, Driggs-Reed Memorial, RNAV (GPS) RWY 3, Amdt 1A, CANCELLED
Driggs, ID, Driggs-Reed Memorial, RNAV (GPS) RWY 3, Orig
Carmi, IL, Carmi Muni, GPS RWY 36, Orig-A, CANCELLED
Carmi, IL, Carmi Muni, RNAV (GPS) RWY 36, Orig
Carmi, IL, Carmi Muni, Takeoff Minimums and Obstacle DP, Amdt 2
Belleville, KS, Belleville Muni, NDB RWY 18, Amdt 5
Belleville, KS, Belleville Muni, NDB RWY 36, Amdt 5
Belleville, KS, Belleville Muni, RNAV (GPS) RWY 18, Orig
Belleville, KS, Belleville Muni, RNAV (GPS) RWY 36, Orig
Belleville, KS, Belleville Muni, Takeoff Minimums and Obstacle DP, Orig
Ottawa, KS, Ottawa Muni, GPS RWY 17, Orig-A, CANCELLED
Ottawa, KS, Ottawa Muni, GPS RWY 35, Orig, CANCELLED
Ottawa, KS, Ottawa Muni, RNAV (GPS) RWY 17, Orig
Ottawa, KS, Ottawa Muni, RNAV (GPS) RWY 35, Orig
Ottawa, KS, Ottawa Muni, Takeoff Minimums and Obstacle DP, Amdt 1
Topeka, KS, Forbes Field, NDB RWY 13, Amdt 7
Abbeville, LA, Abbeville Chris Crusta Memorial, LOC RWY 16, Orig
Great Barrington, MA, Walter J. Koladza, NDB-A, Amdt 6
Gladwin, MI, Gladwin Zettel Memorial, Takeoff Minimums and Obstacle DP, Amdt 3

Hastings, MI, Hastings, RNAV (GPS) RWY 12, Orig
Hastings, MI, Hastings, RNAV (GPS) RWY 30, Orig
Hannibal, MO, Hannibal Rgnl, NDB RWY 35, Amdt 4, CANCELLED
Salem, MO, Salem Memorial, Takeoff Minimums and Obstacle DP, Orig
Wayne, NE, Wayne Muni/Stan Morris Field, RNAV (GPS) RWY 18, Amdt 2
Wayne, NE, Wayne Muni/Stan Morris Field, RNAV (GPS) RWY 23, Amdt 1
Wayne, NE, Wayne Muni/Stan Morris Field, RNAV (GPS) RWY 36, Amdt 2
Morristown, NJ, Morristown Muni, Takeoff Minimums and Obstacle DP, Amdt 6
Pedricktown, NJ, Spitfire Aerodrome, Takeoff Minimums and Obstacle DP, Amdt 1
New York, NY, John F. Kennedy Intl, Takeoff Minimums and Obstacle DP, Amdt 8
New York, NY, La Guardia, Takeoff Minimums and Obstacle DP, Amdt 9
Memphis, TN, Memphis Intl, Takeoff Minimums and Obstacle DP, Amdt 3
Dallas, TX, Dallas-Love Field, Takeoff Minimums and Obstacle DP, Amdt 16
Laredo, TX, Laredo Intl, ILS OR LOC/DME RWY 17R, Amdt 11
Laredo, TX, Laredo Intl, RNAV (GPS) RWY 17R, Amdt 1
Laredo, TX, Laredo Intl, Takeoff Minimums and Obstacle DP, Amdt 4
Palacios, TX, Palacios Muni, Takeoff Minimums and Obstacle DP, Orig
Sweetwater, TX, Avenger Field, NDB RWY 17, Amdt 4
Sweetwater, TX, Avenger Field, RNAV (GPS) RWY 4, Orig
Sweetwater, TX, Avenger Field, RNAV (GPS) RWY 17, Orig
Sweetwater, TX, Avenger Field, RNAV (GPS) RWY 22, Orig
Sweetwater, TX, Avenger Field, RNAV (GPS) RWY 35, Orig
Richlands, VA, Tazewell County, LOC/DME RWY 25, Amdt 1
Richlands, VA, Tazewell County, RNAV (GPS) RWY 25, Amdt 1
Milwaukee, WI, General Mitchell Intl, ILS OR LOC RWY 7R, Amdt 16
Milwaukee, WI, General Mitchell Intl, LOC RWY 25L, Amdt 5
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) RWY 7R, Amdt 1
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) RWY 19R, Amdt 2
Milwaukee, WI, General Mitchell Intl, RNAV (GPS) RWY 25L, Amdt 1
New Holstein, WI, New Holstein Muni, RNAV (GPS) RWY 14, Orig
New Holstein, WI, New Holstein Muni, RNAV (GPS) RWY 32, Orig
New Holstein, WI, New Holstein Muni, Takeoff Minimums and Obstacle DP, Orig
New Holstein, WI, New Holstein Muni, VOR/DME-A, Amdt 2

RESCINDED: On September 15, 2011 (76 FR 56970), the FAA published an Amendment in Docket No. 30801, Amdt No. 3442 to Part 97 of the Federal Aviation Regulations under section 97.25. The following entry, effective September 22, 2011, is hereby rescinded in its entirety:

Abbeville, LA, Abbeville Chris Crusta Memorial, LOC RWY 16, Orig

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GQE VOR/DME (IAF)	PALYN INT/I-LWR 12.72 DME/RADAR	089.49 / 12.10	2000
PALYN INT/I-LWR 12.72 DME/RADAR (IF)	DANNZ/I-LWR 6.72 DME/RADAR	179.55 / 6.00 (I-LWR)	2000

MISSED APPROACH

ILS: DA
LOC: 5.45 MILES AFTER DANNZ/6.72 DME/RADAR OR AT I-LWR 1.26 DME FIX

CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 ON GQE VOR/DME R-147 TO GQE VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1000 THEN CLIMBING RIGHT TURN TO 2000 ON UJM VOR/DME R-034 TO UJM VOR/DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 122.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N UJM VOR/DME, RT, 171.26 INBOUND.
CHART FAS OBST: 318 LIGHT 350920N/0901351W
CHART IN PLANVIEW: UJM VOR/DME.

1. PT NA SIDE OF COURSE ____ OUTBOUND FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT PALYN INT/I-LWR 12.72 DME/RADAR
3. FAC: 179.55 FAF: DANNZ/I-LWR 6.72 DME/RADAR DIST FAF TO MAP: 5.45 THLD: 5.45
4. MIN. ALT: PALYN 2000, DANNZ 2000, KEHOE/I-LWR 2.70 DME/RADAR 680*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 975
6. MIN GS INCPT: 2000 GS ALT AT: DANNZ 2000 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 51.2
8. MSA FROM: GQE VOR/DME 2500

MAG VAR: 1E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17	412	1/2	200	412	1/2	200	412	1/2	200	412	1/2	200			
S-LOC 17	680	1/2	468	680	1/2	468	680	1	468	680	1	468			
CIRCLING	680	1	468	680	1	468	680	1 1/2	468	780	2	568			
KEHOE FIX MINIMUMS															
S-LOC 17	580	1/2	368	580	1/2	368	580	5/8	368	580	5/8	368			
CIRCLING	620	1	408	680	1	468	680	1 1/2	468	780	2	568			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 35 NA AT NIGHT.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON GQE VOR/DME AIRWAY RADIALS 050 CW 121.
*LOC ONLY
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: WEST MEMPHIS MUNI	I-LWR	ILS OR LOC RWY 17, AMDT 5	AMDT: 4
			20 OCT 2011	DATED 03/18/2004

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MEMPHIS INTL ALTIMETER SETTING AND INCREASE ALL DA TO 462 FEET AND ALL MDA 60 FEET AND INCREASE KEHOE FIX MINIMUMS S-LOC 17 CATS C AND D VISIBILITY 1/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 17 CATS C AND D VISIBILITY TO 1 3/8 AND KEHOE FIX MINIMUMS S-LOC 17 CATS C AND D VISIBILITY TO 1 MILE.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MEMPHIS INTL ALTIMETER SETTING, INCREASE KEHOE FIX MINIMUMS S-LOC 17 CATS C AND D VISIBILITY TO 1 1/4 MILE.
***740 WHEN USING MEMPHIS INTL ALTIMETER SETTING.**

SCANNED ? CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WEST MEMPHIS, AR	**ELEVATION: 212** **THRE: 212** AIRPORT NAME: **WEST MEMPHIS MUNI**	**I-LWR**	**ILS OR LOC RWY 17, AMDT 5** 20 OCT 2011	SUP: AMDT: **4** DATED: **03/18/2004**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

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ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GQE   K4011300VDLW N35204931W090284137    N35204931W090284137E0040002111     NARGILMORE
        SUSAD KAWMK4 ILWR  K4011070 IT                     ILWRN35072016W090140860     002270     NARWEST MEMPHIS MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DANNZ K40    R     N35140365W090135983                      W0006     NAR           DANNZ
        SUSAEAENRT   PALYN K40    R     N35200420W090135561                      W0006     NAR           PALYN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAWMK4AAWM     0     060YHN35080621W090140401E001000212         1800018000C    MNAR    WEST MEMPHIS MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAWMK4FI17   AGQE   010GQE  K4D 0V  A    FC GQE K4      0000000008950101D   + 02000     18000                  0 NS
        SUSAP KAWMK4FI17   AGQE   020PALYNK4EA0EE B    CF ILWRK4      3596012708950020PI  + 02000                            0 NS
        SUSAP KAWMK4FI17   I      010PALYNK4EA0E  I    IF ILWRK4      35960127        PI  J 020000200018000                  0 NS
        SUSAP KAWMK4FI17   I      020DANNZK4EA0E  F    CF ILWRK4      3596006718000060PI  H 0200002000        -300GQE   K4D 0 NS
        SUSAP KAWMK4FI17   I      030RW17 K4PG0GY M    CF ILWRK4      3596001318000055PI    00263             -300           0 NS
        SUSAP KAWMK4FI17   I      040         0  M     CA                     1796        + 01000                            0 NS
        SUSAP KAWMK4FI17   I      050GQE  K4D 0VY  R   CFYGQE K4      0000000032700200D   + 02000                            0 NS
        SUSAP KAWMK4FI17   I      060GQE  K4D 0VE  R   HM                     1220T010    + 02000                            0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAWMK4GRW17    0060031796 N35083590W090140366+0000    +0037400212000051100IILWR1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAWMK4IILWR1   011070RW17 N35072021W0901404561796N35082630W0901409191650 09750522300E00105100209

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KAWMK4SGQE  K4D                 0   18018002525                                                                      M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: **WEST MEMPHIS MUNI**	**I-LWR**	**ILS OR LOC RWY 17, AMDT 5** 20 OCT 2011	AMDT: **4**
				DATED: **03/18/2004**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GQE	GQE	010	IAF	FC		FB		089.5()	010.1	AA 02000	
	GQE	PALYN	020		CF		FB		089.5()	002.0	AA 02000	
		PALYN	010	FACF	IF		FB				AA 02000 GI 02000	
		DANNZ	020	FAF	CF		FB		180.0()	006.0	GI 02000 GS 02000	
		RW17	030	MAP	CF		FO		180.0()	005.5	AT 00263	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		179.6()		AA 01000	
	GQE	050		CF	R	FO		327.0()	020.0	AA 02000	
	GQE	060		HM	R	FO		122.0()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GQE	N352049.31	W0902841.37	N3520.822	W09028.690
	ILWR (DME)	N350720.16	W0901408.60	N3507.336	W09014.143
	DANNZ	N351403.65	W0901359.83	N3514.061	W09013.997
	PALYN	N352004.20	W0901355.61	N3520.070	W09013.927
	RW17	N350835.90	W0901403.66	N3508.598	W09014.061
	ILWR (LOC)	N350720.21	W0901404.56	N3507.337	W09014.076

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00212	51

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: **WEST MEMPHIS MUNI**	**I-LWR**	**ILS OR LOC RWY 17, AMDT 5** 20 OCT 2011	AMDT: **4**
				DATED: **03/18/2004**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC PACKET - 424-18 - LOC

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        GQE   K4011300VDLW N35204931W090284137    N35204931W090284137E0040002111     NARGILMORE
       SUSAD KAWMK4 ILWR  K4011070 IT                    ILWRN35072016W090140860     002270     NARWEST MEMPHIS MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   DANNZ K40    R     N35140365W090135983                    W0006     NAR           DANNZ
       SUSAEAENRT   KEHOE K40    R     N35100234W090140266                    W0006     NAR           KEHOE
       SUSAEAENRT   PALYN K40    R     N35200420W090135561                    W0006     NAR           PALYN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KAWMK4AAWM     0     060YHN35C80621W090140401E001000212         1800018000C    MNAR    WEST MEMPHIS MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KAWMK4FL17   AGQE   010GQE  K4D 0V  A    FC GQE K4       000000000895010 1D   + 02000     18000                0 NS
       SUSAP KAWMK4FL17   AGQE   020PALYNK4EA0EE B    CF ILWRK4       3596012708950020PI   + 02000                          0 NS
       SUSAP KAWMK4FL17   L      010PALYNK4EA0E  I    IF ILWRK4       35960127         PI  + 02000     18000                0 NS
       SUSAP KAWMK4FL17   L      020DANNZK4EA0E  F    CF ILWRK4       3596006718000060PI   + 02000                GQE   K4D 0 NS
       SUSAP KAWMK4FL17   L      021KEHOEK4EA0E S     CF ILWRK4       3596002718000040PI   + 00680          -301          0 NS
       SUSAP KAWMK4FL17   L      030RW17 K4PG0GY M    CF ILWRK4       3596001318000014PI     00263          -301          0 NS
       SUSAP KAWMK4FL17   L      040          0  M    CA                        1796        + 01000                          0 NS
       SUSAP KAWMK4FL17   L      050GQE  K4D 0VY  R   CFYGQE K4       00000000327002000D   + 02000                          0 NS
       SUSAP KAWMK4FL17   L      060GQE  K4D 0VE  R   HM                      1220T010     + 02000                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KAWMK4GRW17    0060031796 N35083590W090140366+0000    +00374002120000511001ILWR1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KAWMK4IILWR1   011070RW17 N35072021W0901404561796N35082630W0901409191650 0975052230CE00105100209

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

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: **WEST MEMPHIS MUNI**	**I-LWR**	**ILS OR LOC RWY 17, AMDT 5** 20 OCT 2011	AMDT: **4**
				DATED: **03/18/2004**

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SUSAP KAWMK4SGQE K4D 0 18018002525 M

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: WEST MEMPHIS MUNI	I-LWR	ILS OR LOC RWY 17, AMDT 5 20 OCT 2011	AMDT: 4 DATED: 03/18/2004

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GQE	GQE	010	IAF	FC		FB		089.5()	010.1	AA 02000	
	GQE	PALYN	020		CF		FB		089.5()	002.0	AA 02000	
		PALYN	010	FACF	IF		FB				AA 02000	
		DANNZ	020	FAF	CF		FB		180.0()	006.0	AA 02000	
		KEHOE	021	SDF	CF		FB		180.0()	004.0	AA 00680	
		RW17	030	MAP	CF		FO		180.0()	001.4	AT 00263	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		179.6()		AA 01000	
		GQE	050		CF	R	FO		327.0()	020.0	AA 02000	
		GQE	060		HM	R	FO		122.0()	TC1.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	GQE	N352049.31	W0902841.37	N3520.822	W09028.690
	ILWR (DME)	N350720.16	W0901408.60	N3507.336	W09014.143
	DANNZ	N351403.65	W0901359.83	N3514.061	W09013.997
	KEHOE	N351002.34	W0901402.66	N3510.039	W09014.044
	PALYN	N352004.20	W0901355.61	N3520.070	W09013.927
	RW17	N350835.90	W0901403.66	N3508.598	W09014.061
	ILWR (LOC)	N350720.21	W0901404.56	N3507.337	W09014.076

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00212	51

CITY AND STATE	ELEVATION: 212 THRE: 212	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WEST MEMPHIS, AR	AIRPORT NAME: **WEST MEMPHIS MUNI**	**I-LWR**	**ILS OR LOC RWY 17, AMDT 5** 20 OCT 2011	AMDT: **4** DATED: **03/18/2004**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PENNA INT/I-BDL 12.83 DME (IF/IAF)	HUNEE INT/I-BDL 6.89 DME	058.37 / 5.94 (I-BDL)	1800

MISSED APPROACH

ILS: DA
LOC: 4.95 MILES AFTER HUNEE INT/6.82 DME OR AT I-BDL 1.94 DME FIX

CLIMB TO 4000 THEN LEFT TURN DIRECT BAF VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 4000 THEN RIGHT TURN DIRECT HFD VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PENNA, LT, 058.37 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 058.37 FAF: HUNEE INT/I-BDL 6.89 DME DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: PENNA 3000, HUNEE 1800, JETIX/I-BDL 4.64 DME 1080*
5. DIST TO THLD FROM OM: - MM: - IM: 861 150 HAT: 1889 100 HAT: 945 GS ANT: 1051
6. MIN GS INCPT: 1800 GS ALT AT: HUNEE 1800 OM: - MM: - IM: 272
7. GS ANGLE: 3.00 TCH: 50.6
8. MSA FROM: BAF VORTAC 010-190 3100, 190-010 3600

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 274.75 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE HFD VOR/DME, RT, 334.12 INBOUND.
CHART FAS OBST: 307 BLDG 415515N/0724307W
FAS OBST: 820 AAO 415224N/0724630W 939 AAO 415126N/0724654W
CHART VDP AT 2.94 DME*;
DISTANCE VDP TO THLD 0.99 MILES.
*LOC ONLY.
CHART IN PLANVIEW: HFD VOR/DME.

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

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 6	373	1800	200	373	1800	200	373	1800	200	373	1800	200			
S-LOC 6	1080	4000	907	1080	4000	907	1080	2	907	1080	2	907			
CIRCLING	1080	1 1/4	907	1080	1 1/4	907	1080	2 3/4	907	1080	3	907			
JETIX FIX MINIMUMS															
S-LOC 6	560	2400	387	560	2400	387	560	3500	387	560	3500	387			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 6: CAT A, B, C, D, RA 101, RVR 1200, HATh 100, DA 273 MSL.
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS-6: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.
(SEE FORM 8260-10)

CAT A, B 1000-2, CAT C 1000-2 3/4, CAT D 1000-3
@ CAT A, B 1000-2, CAT C 1000-2 3/4, CAT D 1000-3

CITY AND STATE	ELEVATION: 173 THRE: 173 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	BRADLEY INTL	I-BDL	ILS OR LOC RWY 6, AMDT 37 ILS RWY 6 (SA CAT I) ILS RWY 6 (CAT II) ILS RWY 6 (CAT III)	AMDT: 36B DATED 06/04/2009

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD

INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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

NOTES, (CONT.):
CHART NOTE: : FOR INOPERATIVE ALSF-2, INCREASE S-ILS 6 ALL CATS VISIBILITY TO RVR 4000. JETIX FIX
MINIMUMS: FOR INOPERATIVE ALSF-2, INCREASE S-LOC 6 C, D VISIBILITY TO RVR 6000.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 6: CAT A, B, C, D, RA 151, RVR 1400, HATh 150, DA 323 MSL.
SA CAT 1 CHART NOTE: REQUIRES SPECIFIC OPSEC, MSPEC OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE : RVR 1000 AUTHORIZED WITH SPECIFIC OPSEC, MSPEC OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	I-BDL	ILS OR LOC RWY 6, AMDT 37 ILS RWY 6 (SA CAT I) ILS RWY 6 (CAT II), ILS RWY 6 (CAT III)	AMDT: 36B DATED: 06/04/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        BAF   K6011300VTL  N42094306W072425831    N42094306W072425831W0140002681     NARBARNES
          SUSAD        BDL   K6010900VTTW N41562764W072411888    N41562764W072411888W0140001600     NARBRADLEY
          SUSAD KBDLK6 IBDL  K6011110 IT                    IBDLN41571728W072395650     001640     NARBRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   HUNEE K60    C     N41522273W072462572                    W0141     NAR           HUNEE
          SUSAEAENRT   PENNA K60    C     N41480763W072515847                    W0140     NAR           PENNA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173         1800018000C    MNAR    BRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6FI06   APENNA 010PENNAK6EA0EE AL   HF BDL K6      237801150584T010D   + 03000     18000                0 NS
          SUSAP KBDLK6FI06   I      010PENNAK6EA0E  I    IF IBDLK6      23840128         PI  J 030000180018000                0 NS
          SUSAP KBDLK6FI06   I      020HUNEEK6EA0E  F    CF IBDLK6      2384006905800059PI  H 0180001800        -300BAF   K6D 0 NS
          SUSAP KBDLK6FI06   I      030RW06 K6PG0GY M    CF IBDLK6      2384001905800050PI    00224             -300           0 NS
          SUSAP KBDLK6FI06   I      040         0  M     CA                      0584        + 04000                          0 NS
          SUSAP KBDLK6FI06   I      050BAF  K6D 0VY      DF                                  + 04000                          0 NS
          SUSAP KBDLK6FI06   I      060BAF  K6D 0VE  L   HM                     2748T010     + 04000                          0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6GRW06    0095100584 N41555525W072414769-0100    +00237001730000482001IBDL3

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6IIBDL3   011110RW06 N41571785W072395941058 4N41560554W0724141892190 10510343300W01404800169

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6SBAF  K6D              0   0101900362519001003125                                                        M
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CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-BDL**	**ILS OR LOC RWY 6, AMDT 37** **ILS RWY 6 (SA CAT I)** **ILS RWY 6 (CAT II) ILS RWY 6 (CAT III)**	AMDT: **36B** DATED: **06/04/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	PENNA	PENNA	010	IAF	HF	L	FO		058.4()	T01.0	AA 03000	
		PENNA	010	FACF	IF		FB				AA 03000 GI 01800	
		HUNEE	020	PAF	CF		FB		058.0()	005.9	GI 01800 GS 01800	
		RW06	030	MAP	CF		FO		058.0()	005.0	AT 00224	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		058.4()		AA 04000	
	BAF	050		DF		FO				AA 04000	
	BAF	060		HM	L	FO		274.8()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.06	W0724258.31	N4209.718	W07242.972
	BDL	N415627.64	W0724118.88	N4156.461	W07241.315
	IBDL (DME)	N415717.28	W0723956.50	N4157.288	W07239.942
	HUNEE	N415222.73	W0724625.72	N4152.379	W07246.429
	PENNA	N414807.63	W0725158.47	N4148.127	W07251.975
	RW06	N415555.25	W0724147.69	N4155.921	W07241.795
	IBDL (LOC)	N415717.85	W0723959.41	N4157.298	W07239.990

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW06	00173	48

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-BDL**	**ILS OR LOC RWY 6, AMDT 37** **ILS RWY 6 (SA CAT I)** **ILS RWY 6 (CAT II) ILS RWY 6 (CAT III)**	AMDT: **36B** DATED: **06/04/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KIBBE INT/I-MYQ 12.50 DME (IF/IAF)	MOTEL INT/I-MYQ 5.54 DME	238.39 / 7.00 (I-MYQ)	2100

MISSED APPROACH

ILS: DA
LOC: 5.92 MILES AFTER MOTEL INT/I-MYQ 5.54 DME

CLIMB TO 4000 THEN LEFT TURN DIRECT HFD VOR/DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 4000 TO BAF VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 334.12 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E
BAF VORTAC, LT, 274.75 INBOUND.
FAS OBST: 379 AAO 415957N/0723721W
OBST: 410 AAO 420110N/0723411W
CHART IN PLANVIEW: BAF VORTAC.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE KIBBE, LT, 238.39 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 238.39 FAF: MOTEL INT/I-MYQ 5.54 DME DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: KIBBE 3000, MOTEL 2100
5. DIST TO THLD FROM OM: - MM: - IM: 1374 150 HAT: - 100 HAT: 1030 GS ANT: 970
6. MIN GS INCPT: 2100 GS ALT AT: - MOTEL 2100 OM: - MM: - IM: 288
7. GS ANGLE: 3.00 TCH: 54.7
8. MSA FROM: BAF VORTAC 010-190 3100, 190-010 3600

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 24	361	1800	200	361	1800	200	361	1800	200	361	1800	200			
S-LOC 24	640	2400	479	640	2400	479	640	5000	479	640	5000	479			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
SA CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 24: CAT A, B, C, D, RA 113, RVR 1200, HATh 100, DA 261 MSL.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 24 ALL CATS VISIBILITY TO RVR 4000, INCREASE S-LOC 24 CAT C AND D VISIBILITY TO 1 3/8.
(SEE FORM 8260-10)

CAT D 800-2 1/2
@ CAT D 800-2 1/2

QUALITY CHECK

CITY AND STATE	ELEVATION: 173 THRE: 161 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	BRADLEY INTL	I-MYQ	ILS OR LOC RWY 24, AMDT 12 ILS RWY 24 (SA CAT I) ILS RWY 24 (SA CAT II)	AMDT: 11 DATED 04/08/2010

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT KIBBE ON V146 NORTHWEST BOUND.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
SA CATEGORY I ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 24: CAT A, B, C, D, RA 163, RVR 1400, HATh 150, DA 311 MSL.
SA CAT 1 CHART NOTE: REQUIRES SPECIFIC OPSEC, MSPEC OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSEC, MSPEC OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART PROFILE NOTE: I-MYQ DME UNUSABLE INSIDE 0.5 DME.

QUALITY
1
CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	I-MYQ	ILS OR LOC RWY 24, AMDT 12 ILS RWY 24 (SA CAT I) ILS RWY 24 (SA CAT II)	AMDT: 11 DATED: 04/08/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC PACKET - 424-18 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        BAF   K6011300VTL  N42094306W072425831    N42094306W072425831W0140002681     NARBARNES
          SUSAD        HFD   K6011490VDLA N41382798W072325070    N41382798W072325070W0130008491     NARHARTFORD
          SUSAD        PUT   K6011740VDH  N41571966W071503874    N41571966W071503874W0140006522     NARPUTNAM
          SUSAD KBDLK6 IMYQ  K6011110 IT                     IMYQN41571728W072395650     001640     NARBRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR          KIBBE
          SUSAEAENRT   MOTEL K60    C     N42011602W072344653                    W0142     NAR          MOTEL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173        1800018000C    MNAR    BRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6FI24   AKIBBE 010KIBBEK6EA0EE AL   HF PUT K6      301902942384T010D   + 03000     18000                0 NS
          SUSAP KBDLK6FI24   I      010KIBBEK6EA0E  I    IF IMYQK6      05840147         PI  J 030000210018000                0 NS
          SUSAP KBDLK6FI24   I      020MOTELK6EA0E  F    CF IMYQK6      0584007723800070PI  H 0210002100        -300BAF   K6D 0 NS
          SUSAP KBDLK6FI24   I      030RW24 K6PG0GY M    CF IMYQK6      0584001723800059PI    00216             -300          0 NS
          SUSAP KBDLK6FI24   I      040         0  M     CA                      2384        + 04000                         0 NS
          SUSAP KBDLK6FI24   I      050HFD  K6D 0VY      DF                                  + 04000                         0 NS
          SUSAP KBDLK6FI24   I      060HFD  K6D 0VE  R   HM                      3341T010    + 04000                         0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6GRW24     0095102384 N41570239W072401968+0100    +00201001610000552001IMYQ1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6IIMYQ1   011110RW24 N41554766W072415763238 4N41565358W0724025961074 09700379300W01405500157

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6SBAF  K6D                0   0101900362519001003125                                                    M
```

QUALITY CHECK 1

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-MYQ**	**ILS OR LOC RWY 24, AMDT 12** **ILS RWY 24 (SA CAT I)** **ILS RWY 24 (SA CAT II)**	AMDT: **11** DATED: **04/08/2010**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KIBBE	KIBBE	010	IAF	HF	L	FO		238.4()	T01.0	AA 03000	
		KIBBE	010	FACF	IF		FB				AA 03000 GI 02100	
		MOTEL	020	FAF	CF		FB		238.0()	007.0	GI 02100 GS 02100	
		RW24	030	MAP	CF		FO		238.0()	005.9	AT 00216	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		238.4()		AA 04000	
	HFD	050		DF		FO				AA 04000	
	HFD	060		HM	R	FO		334.1()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.06	W0724258.31	N4209.718	W07242.972
	HFD	N413827.98	W0723250.70	N4138.466	W07232.845
	PUT	N415719.66	W0715038.74	N4157.328	W07150.646
	IMYQ (DME)	N415717.28	W0723956.50	N4157.288	W07239.942
	KIBBE	N420615.93	W0722811.18	N4206.266	W07228.186
	MOTEL	N420116.02	W0723446.53	N4201.267	W07234.776
	RW24	N415702.39	W0724019.68	N4157.040	W07240.328
	IMYQ (LOC)	N415547.66	W0724157.63	N4155.794	W07241.961

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00161	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-MYQ**	**ILS OR LOC RWY 24, AMDT 12** **ILS RWY 24 (SA CAT I)** **ILS RWY 24 (SA CAT II)**	AMDT: **11** DATED: **04/08/2010**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC PACKET - 424-18 - LOC

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        BAF   K6011300VTL  N42094306W072425831    N42094306W072425831W0140002681     NARBARNES
          SUSAD        HFD   K6011490VDLA N41382798W072325070    N41382798W072325070W0130008491     NARHARTFORD
          SUSAD        PUT   K6011740VDH  N41571966W071503874    N41571966W071503874W0140006522     NARPUTNAM
          SUSAD KBDLK6 IMYQ  K6011110 IT                     IMYQN41571728W072395650     001640     NARBRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR          KIBBE
          SUSAEAENRT   MOTEL K60    C     N42011602W072344653                    W0142     NAR          MOTEL

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173         1800018000C    MNAR    BRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6FL24   AKIBBE 010KIBBEK6EA0EE AL   HF PUT K6      301902942384T010D   + 03000     18000                0 NS
          SUSAP KBDLK6FL24   L      010KIBBEK6EA0E  I    IF IMYQK6      05840147         PI  + 03000     18000                0 NS
          SUSAP KBDLK6FL24   L      020MOTELK6EA0E  F    CF IMYQK6      0584007723800070PI  + 02100                BAF   K6D 0 NS
          SUSAP KBDLK6FL24   L      030RW24 K6PG0GY M    CF IMYQK6      0584001723800059PI    00216            -300             0 NS
          SUSAP KBDLK6FL24   L      040          0  M    CA                    2384        + 04000                             0 NS
          SUSAP KBDLK6FL24   L      050HFD  K6D 0VY      DF                                + 04000                             0 NS
          SUSAP KBDLK6FL24   L      060HFD  K6D 0VE  R   HM                    3341T010    + 04000                             0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6GRW24    0095102384 N41570239W072401968+0100    +00201001610000552001IMYQ1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6IIMYQ1   011110RW24 N41554766W0724157632384N41565358W0724025961074 09700379300W01405500157

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6SBAF  K6D                0   0101900362519001003125                                                      M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-MYQ**	**ILS OR LOC RWY 24, AMDT 12** **ILS RWY 24 (SA CAT I)** **ILS RWY 24 (SA CAT II)**	AMDT: **11** DATED: **04/08/2010**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KIBBE	KIBBE	010	IAF	HF	L	FO		238.4()	T01.0	AA 03000	
		KIBBE	010	FACF	IF		FB				AA 03000	
		MOTEL	020	FAF	CF		FB		238.0()	007.0	AA 02100	
		RW24	030	MAP	CF		FO		238.0()	005.9	AT 00216	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		238.4()		AA 04000	
	HFD	050		DF		FO				AA 04000	
	HFD	060		HM	R	FO		334.1()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.06	W0724258.31	N4209.718	W07242.972
	HFD	N413827.98	W0723250.70	N4138.466	W07232.845
	PUT	N415719.66	W0715038.74	N4157.328	W07150.646
	IMYQ (DME)	N415717.28	W0723956.50	N4157.288	W07239.942
	KIBBE	N420615.93	W0722811.18	N4206.266	W07228.186
	MOTEL	N420116.02	W0723446.53	N4201.267	W07234.776
	RW24	N415702.39	W0724019.68	N4157.040	W07240.328
	IMYQ (LOC)	N415547.66	W0724157.63	N4155.794	W07241.961

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00161	55

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-MYQ**	**ILS OR LOC RWY 24, AMDT 12** **ILS RWY 24 (SA CAT I)** **ILS RWY 24 (SA CAT II)**	AMDT: **11** DATED: **04/08/2010**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ORW VOR/DME (IAF)	HADUX INT/I-IKX 12.16 DME (NOPT)	317.29 / 26.99	2500
HFD VOR/DME (IAF)	HADUX INT/I-IKX 12.16 DME (NOPT)	024.85 / 9.88	2500
HADUX INT/I-IKX 12.16 DME (IF/IAF)	HOMEY INT/I-IKX 6.23 DME	328.39 / 5.93 (I-IKX)	1800

MISSED APPROACH

ILS: DA
LOC: 4.44 MILES AFTER HOMEY INT/6.23 DME OR AT IDOCO/I-IKX 1.79 DME FIX

CLIMB TO 4000 THEN RIGHT TURN DIRECT BAF VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 4000 THEN RIGHT TURN DIRECT CEF VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 274.75 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE CEF VORTAC, RT, 240.00 INBOUND.
CHART FAS OBST: 249 TOWER 415238N/0723637W
OBST: 340 AAO 415209N/0723412W
CHART VDP AT 2.30 DME*;
DISTANCE VDP TO THLD 1.00 MILES.
*LOC ONLY.
CHART IN PLANVIEW: CEF VORTAC.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE HADUX, RT, 328.39 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 328.39 FAF: HOMEY INT/I-IKX 6.23 DME DIST FAF TO MAP: 4.44 THLD: 4.94
4. MIN. ALT: HADUX 2500, HOMEY 1800
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1081
6. MIN GS INCPT: 1800 GS ALT AT: HOMEY 1800 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 58.6
8. MSA FROM: BAF VORTAC 010-190 3100, 190-010 3600

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 33	368	2600	200	368	2600	200	368	2600	200	368	2600	200			
S-LOC 33	560	4000	392	560	4000	392	560	4500	392	560	4500	392			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
CHART NOTE: FOR INOPERATIVE MALSF, INCREASE ILS 33 ALL CATS VISIBILITY TO RVR 4000, INCREASE LOC 33 CAT C, D VISIBILITY TO RVR 6000..
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HFD VOR/DME ON AIRWAY RADIAL 053.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ORW VOR/DME AIRWAY RADIALS 259 CW 011.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

CAT D 800-2 1/2
@ CAT D 800-2 1/2

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	I-IKX	ILS OR LOC RWY 33, AMDT 10 20 OCT 2011	AMDT: 9B 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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAF   K6011300VTL  N42094306W072425831    N42094306W072425831W0140002681     NARBARNES
        SUSAD        BDL   K6010900VTTW N41562764W072411888    N41562764W072411888W0140001600     NARBRADLEY
        SUSAD        HFD   K6011490VDLA N41382798W072325070    N41382798W072325070W0130008491     NARHARTFORD
        SUSAD        ORW   K6011000VDL  N41332305W071595767    N41332305W071595767W0140003101     NARNORWICH
        SUSAD KBDLK6 IIKX  K6010855 IT                    IIKXN41563797W072414743     001830     NARBRADLEY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HADUX K60    C     N41480845W072300786                    W0142     NAR          HADUX
        SUSAEAENRT   HOMEY K60    C     N41521780W072354746                    W0142     NAR          HOMEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173         1800018000C    MNAR    BRADLEY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6FI33   AHADUX 010HADUXK6EA0EE AR   HF BDL K6      148801183284T010D   + 02500     18000                0 NS
        SUSAP KBDLK6FI33   AHFD   010HFD  K6D 0V  A    FC HFD K6      0000000002490079D   + 02500     18000                0 NS
        SUSAP KBDLK6FI33   AHFD   020HADUXK6EA0EE B    CF IIKXK6      1484012202490020PI  + 02500                          0 NS
        SUSAP KBDLK6FI33   AORW   010ORW  K6D 0V  A    FC ORW K6      0000000031730250D   + 02500     18000                0 NS
        SUSAP KBDLK6FI33   AORW   020HADUXK6EA0EE B    CF IIKXK6      1484012231730020PI  + 02500                          0 NS
        SUSAP KBDLK6FI33   I      010HADUXK6EA0E  I    IF IIKXK6      14840122         PI J 025000180018000                0 NS
        SUSAP KBDLK6FI33   I      020HOMEYK6EA0E  F    CF IIKXK6      1484006232800059PI  H 0180001800        -300BAF   K6D 0 NS
        SUSAP KBDLK6FI33   I      030RW33 K6PG0GY M    CF IIKXK6      1484001332800049PI    00227             -300              0 NS
        SUSAP KBDLK6FI33   I      040         0   M    CA                      3284       + 04000                          0 NS
        SUSAP KBDLK6FI33   I      050BAF  K6D 0VY      DF                                 + 04000                          0 NS
        SUSAP KBDLK6FI33   I      060BAF  K6D 0VE  L   HM                      2748T010   + 04000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6GRW33    0068473284 N41554532W072403096+0000    +0022300168000059150IIIKX1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6IIIKX1   010855RW33 N41564016W0724146013284N41555477W0724038591090 10810505300W01405900167
```

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-IKX**	**ILS OR LOC RWY 33, AMDT 10** 20 OCT 2011	AMDT: **9B** DATED: **06/04/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - 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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6SBAF  K6D                 0   0101900362519001003125                                                        M
```

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	I-IKX	ILS OR LOC RWY 33, AMDT 10 20 OCT 2011	AMDT: 9B DATED: 06/04/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	HADUX	HADUX	010	IAF	HF	R	FO		328.4()	T01.0	AA 02500	
	HFD	HFD	010	IAF	FC		FB		024.9()	007.9	AA 02500	
	HFD	HADUX	020		CF		FB		024.9()	002.0	AA 02500	
	ORW	ORW	010	IAF	FC		FB		317.3()	025.0	AA 02500	
	ORW	HADUX	020		CF		FB		317.3()	002.0	AA 02500	
		HADUX	010	FACF	IF		FB				AA 02500 GI 01800	
		HOMEY	020	FAF	CF		FB		328.0()	005.9	GI 01800 GS 01800	
		RW33	030	MAP	CF		FO		328.0()	004.9	AT 00227	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		328.4()		AA 04000	
	BAF	050		DF		FO				AA 04000	
	BAF	060		HM	L	FO		274.8()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.06	W0724258.31	N4209.718	W07242.972
	BDL	N415627.64	W0724118.88	N4156.461	W07241.315
	HFD	N413827.98	W0723250.70	N4138.466	W07232.845
	ORW	N413323.05	W0715957.67	N4133.384	W07159.961
	IIKX (DME)	N415637.97	W0724147.43	N4156.633	W07241.791
	HADUX	N414808.45	W0723007.86	N4148.141	W07230.131
	HOMEY	N415217.80	W0723547.46	N4152.297	W07235.791
	RW33	N415545.32	W0724030.96	N4155.755	W07240.516
	IIKX (LOC)	N415640.16	W0724146.01	N4156.669	W07241.767

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW33	00168	59

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**I-IKX**	**ILS OR LOC RWY 33, AMDT 10** 20 OCT 2011	AMDT: **9B**
				DATED: **06/04/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HFD VOR/DME	PENNA (FO)	318.09 / 17.28	3000
PENNA (IF/IAF)	HUNEE (FB)	058.26 / 5.94	1800
HUNEE (FAF)	JETIX/2.70 NM TO RW06 (FB)	058.32 / 2.25	
JETIX	RW06 (MAP) (FO)	058.34 / 2.70	
RW06 (MAP)	373 MSL	058.34	
373 MSL	KIBBE (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

CLIMB TO 3000 DIRECT KIBBE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW PENNA, LT, 058.26 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 058.32 FAF: HUNEE DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: PENNA 3000, HUNEE 1800, JETIX/2.70 NM TO RW06 1080*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: HUNEE 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.6 34:1 IS CLEAR
8. MSA FROM: RW06 3400

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 238.53 INBOUND.
CHART FAS OBST: 373 TREE 415542N/0724315W
880 AAO 415208N/0724639W
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 1.18 MILES TO RW06*
*LNAV ONLY.
WAAS CHANNEL # 70328
REFERENCE PATH ID: W06A
LTP HAE: 23.7 M

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	373	2400	200	373	2400	200	373	2400	200	373	2400	200			
LNAV/VNAV DA	531	4000	358	531	4000	358	531	4000	358	531	4000	358			
LNAV MDA	620	2400	447	620	2400	447	620	4500	447	620	4500	447			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 42C (107F). @ CAT D 800-2 1/2
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000, INCREASE LNAV CATS A, B VISIBILITY TO RVR 5500, CATS C, D VISIBILITY TO 1 3/8.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 6
WINDSOR LOCKS, CT	BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 6, AMDT 2 20 OCT 2011	AMDT: 1A DATED 05/10/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HFD VOR/DME AIRWAY RADIALS 235 CW 282.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WINDSOR LOCKS, CT	**ELEVATION: 173 THRE: 173** AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (GPS) Y RWY 6, AMDT 2** 20 OCT 2011	SUP: **RNAV (GPS) RWY 6** AMDT: **1A** DATED: **05/10/2007**

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KBDL
RUNWAY	RW06
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W06A
LTP/FTP LATITUDE	415555.2510N
LTP/FTP LONGITUDE	0724147.6880W
LTP/FTP ELLIPSOIDAL HEIGHT	+00237
FPAP LATITUDE	415702.3900N
FPAP LONGITUDE	0724019.6800W
THRESHOLD CROSSING HEIGHT (TCH)	00050.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	44D3EED9

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00527
FPAP ORTHOMETRIC HEIGHT	+00527

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 6
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 6, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 05/10/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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        HFD   K6011490VDLA N41382798W072325070    N41382798W072325070W0130008491     NARHARTFORD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUNEE K60    C     N41522273W072462572                    W0141     NAR           HUNEE
        SUSAEAENRT   JETIX K60    C     N41535937W072441939                    W0141     NAR           JETIX
        SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR           KIBBE
        SUSAEAENRT   PENNA K60    C     N41480763W072515847                    W0140     NAR           PENNA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173        1800018000C    MNAR    BRADLEY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6FR06-Y AHFD   010HFD  K6D 0V       IF                                                  18000                A JS
        SUSAP KBDLK6FR06-Y AHFD   020PENNAK6EA0EY   020TF                    31810173    + 03000                                 A JS
        SUSAP KBDLK6FR06-Y AHFD   030PENNAK6EA0EE AL   HF                    05830040    + 03000                                 A JS
        SUSAP KBDLK6FR06-Y R      010PENNAK6EA0E  I    IF                              + 03000     18000                       A JS
        SUSAP KBDLK6FR06-Y R      020HUNEEK6EA1E  F 051TF                    05830059    + 01800                 RW06  K6PGA JS
        SUSAP KBDLK6FR06-Y R      020HUNEEK6EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KBDLK6FR06-Y R      021JETIXK6EA0E S  031TF                    05830023    V 0108001083        -300            A JS
        SUSAP KBDLK6FR06-Y R      030RW06 K6PG0GY M 031TF                    05830027      00224             -300            A JS
        SUSAP KBDLK6FR06-Y R      040         0  M     CA                    0583        + 00373                             A JS
        SUSAP KBDLK6FR06-Y R      050KIBBEK6EA0EY      DF                              + 03000                             A JS
        SUSAP KBDLK6FR06-Y R      060KIBBEK6EA0EE  L   HM                    23850040    + 03000                             A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6GRW06    0095100584 N41555525W072414769-0100    +00237001730000048200I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 6
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 6, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 05/10/2007

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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6PR06-Y RW06 001Y0000W06A0N4155552510W07241476880+002370300N4157023900W072401968001067500000005O6F40035044D3EED9
          SUSAP KBDLK6PR06-Y RW06 002E      +00527+00527LPV       70328

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6SRW06 K6PG              0   18018003425                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 6
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (GPS) Y RWY 6, AMDT 2** 20 OCT 2011	AMDT: **1A**
				DATED: **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CTR VOR/DME (IAF)	DOCEB (NOPT) (FB)	180.79 / 12.99	3500
SASHA (IAF)	DOCEB (NOPT) (FB)	118.76 / 12.28	3500
DOCEB (IF/IAF)	BREEN (FB)	148.24 / 5.92	2500
BREEN (FAF)	RW15 (MAP) (FO)	148.31 / 5.94	
RW15 (MAP)	419 MSL	148.31	
419 MSL	HADUX (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

CLIMB TO 3000 DIRECT HADUX AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW DOCEB, RT, 148.24 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 148.31 FAF: BREEN DIST FAF TO MAP: 5.94 THLD: 5.94
4. MIN. ALT: DOCEB 3500, BREEN 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: BREEN 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.60 TCH: 60.0 34:1 IS NOT CLEAR
8. MSA FROM: RW15 3400

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 328.51 INBOUND.
CHART FAS OBST: 774 OL TWR 415748N/0724426W
FAS OBST: 830 AAO 415939N/0724633W
DISTANCE TO THLD FROM 250 HATH: 0.50 NM.
CHART VDP AT 2.29 MILES TO RW15*
*LNAV ONLY.
WAAS CHANNEL # 60928
REFERENCE PATH ID: W15A
LTP HAE: 22.4 M

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	419	3/4	250	419	3/4	250	439	7/8	250		NA				
LNAV/VNAV DA	1176	3	1007	1176	3	1007	1176	3	1007		NA				
LNAV MDA	1080	1 1/4	911	1080	1 1/4	911	1080	2 1/2	911		NA				
CIRCLING	1080	1 1/4	907	1080	1 1/4	907	1080	2 3/4	907		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 34C (93F). @ CAT A, B 1000-2, CAT C 1000-2 3/4
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SASHA ON V292 WESTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON CTR VOR/DME AIRWAY RADIALS 104 CW 140.

CITY AND STATE	ELEVATION: 173 THRE: 169	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 15, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED 09/23/2010

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBDL
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	415632.6300N
LTP/FTP LONGITUDE	0724135.7090W
LTP/FTP ELLIPSOIDAL HEIGHT	+00224
FPAP LATITUDE	415530.2900N
FPAP LONGITUDE	0724010.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00060.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.60
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0664
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	54C2B464

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00514
FPAP ORTHOMETRIC HEIGHT	+00514

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 169	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 15, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 09/23/2010

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        CTR   K6011510VDL  N42172875W072565782    N42172875W072565782W0130016001     NARCHESTER                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BREEN K60    W     N42004187W072471752                    W0141     NAR           BREEN                    I
          SUSAEAENRT   DOCEB K60    W     N42044977W072525865                    W0141     NAR           DOCEB                    I
          SUSAEAENRT   HADUX K60    C     N41480845W072300786                    W0142     NAR           HADUX                    I
          SUSAEAENRT   SASHA K60    C   L N42075870W073085539                    W0140     NAR           SASHA                    I

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173         1800018000C    MNAR    BRADLEY INTL                 I

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6FR15-Y ACTR   010CTR  K6D 0V  A    IF                                          18000                A JS   I
          SUSAP KBDLK6FR15-Y ACTR   020DOCEBK6EA0EE B 010TF                  18080130    + 03500                          A JS   I
          SUSAP KBDLK6FR15-Y ADOCEB 010DOCEBK6EA0EE AR   HF                  14820040    + 03500     18000                A JS   I
          SUSAP KBDLK6FR15-Y ASASHA 010SASHAK6EA0E  A    IF                                      18000                    A JS   I
          SUSAP KBDLK6FR15-Y ASASHA 020DOCEBK6EA0EE B 010TF                  11880123    + 03500                          A JS   I
          SUSAP KBDLK6FR15-Y R      010DOCEBK6EA0E  I    IF                              + 03500     18000                A JS   I
          SUSAP KBDLK6FR15-Y R      020BREENK6EA1E  F 051TF                  14820059    + 02500                RW15  K6PGA JS   I
          SUSAP KBDLK6FR15-Y R      020BREENK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS   I
          SUSAP KBDLK6FR15-Y R      030RW15 K6PG0GY M 031TF                  14830059      00229          -360              A JS   I
          SUSAP KBDLK6FR15-Y R      040          0  M     CA                  1483        + 00419                          A JS   I
          SUSAP KBDLK6FR15-Y R      050HADUXK6EA0EY       DF                              + 03000                          A JS   I
          SUSAP KBDLK6FR15-Y R      060HADUXK6EA0EE  R    HM                  32850040    + 03000                          A JS   I

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6GRW15     0068471484 N41563263W072413571+0000     +0022400169000060150R                                  I
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 169	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 15, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 09/23/2010

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6PR15-Y RW15 001Y0000W15A0N4156326300W07241357090+002240360N4155302900W07240103900106750664000600F40050054C2B464I
        SUSAP KBDLK6PR15-Y RW15 002E      +00514+00514LPV       60928                                                                  I
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6SRW15 K6PG                0   18018003425                                                                   M   I
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 169	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 15, AMDT 2 20 OCT 2011	AMDT: 1A DATED: 09/23/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KIBBE (IF/IAF)	MOTEL (FB)	238.53 / 7.00	2100
MOTEL (FAF)	FARIL/3.00 NM TO RW24 (FB)	238.45 / 2.92	
FARIL	RW24 (MAP) (FO)	238.42 / 3.00	
RW24 (MAP)	361 MSL	238.42	
361 MSL	PENNA (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 3100 DIRECT PENNA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE KIBBE, LT, 238.53 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 238.45 FAF: MOTEL DIST FAF TO MAP: 5.92 THLD: 5.92
4. MIN. ALT: KIBBE 3000, MOTEL 2100, FARIL/3.00 NM TO RW24 1160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2100 GS ALT AT: MOTEL 2100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.7 34:1 IS CLEAR
8. MSA FROM: RW24 3400

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 058.26 INBOUND.
CHART FAS OBST: 309 TREE 415800N/0724009W
350 AAO 415945N/0723748W
410 AAO 420110N/0723411W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.03 MILES TO RW24*
*LNAV ONLY.
WAAS CHANNEL # 97310
REFERENCE PATH ID: W24A
LTP HAE: 20.1 M

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	361	2400	200	361	2400	200	361	2400	200	361	2400	200			
LNAV/VNAV DA	490	3200	329	490	3200	329	490	3200	329	490	3200	329			
LNAV MDA	560	2400	399	560	2400	399	560	3500	399	560	3500	399			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 42C (107F). @ CAT D 800-2 1/2
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL AT KIBBE ON V146 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL		RNAV (GPS) Y RWY 24, AMDT 3 20 OCT 2011	AMDT: 2
				DATED 04/08/2010

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBDL
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	415702.3920N
LTP/FTP LONGITUDE	0724019.6780W
LTP/FTP ELLIPSOIDAL HEIGHT	+00201
FPAP LATITUDE	415555.2510N
FPAP LONGITUDE	0724147.6880W
THRESHOLD CROSSING HEIGHT (TCH)	00054.7
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	96A7E58B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00492
FPAP ORTHOMETRIC HEIGHT	+00492

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 24, AMDT 3 20 OCT 2011	AMDT: 2
				DATED: 04/08/2010

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FARIL K60    C     N41591104W072373084                    W0142     NAR           FARIL
        SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR           KIBBE
        SUSAEAENRT   MOTEL K60    C     N42011602W072344653                    W0142     NAR           MOTEL
        SUSAEAENRT   PENNA K60    C     N41480763W072515847                    W0140     NAR           PENNA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173         1800018000C    MNAR    BRADLEY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6FR24-Y AKIBBE 010KIBBEK6EA0EE AL   HF                     23850040    + 03000     18000                A JS
        SUSAP KBDLK6FR24-Y R      010KIBBEK6EA0E  I    IF                                 + 03000     18000                A JS
        SUSAP KBDLK6FR24-Y R      020MOTELK6EA1E  F 051TF                     23850070    + 02100                 RW24  K6PGA JS
        SUSAP KBDLK6FR24-Y R      020MOTELK6EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP KBDLK6FR24-Y R      021FARILK6EA0E S  031TF                     23850029    V 0116001171        -300         A JS
        SUSAP KBDLK6FR24-Y R      030RW24 K6PG0GY M 031TF                     23840030      00216             -300         A JS
        SUSAP KBDLK6FR24-Y R      040         0  M     CA                     2384        + 00361                        A JS
        SUSAP KBDLK6FR24-Y R      050PENNAK6EA0EY      DF                                 + 03100                        A JS
        SUSAP KBDLK6FR24-Y R      060PENNAK6EA0EE  L   HM                     05830040    + 03100                        A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6GRW24    0095102384 N41570239W072401968+0100    +00201001610000552001

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6PR24-Y RW24 001Y0000W24A0N4157023920W07240196780+002010300N4155552510W0724147688010675000000547F40035096A7E58B
        SUSAP KBDLK6PR24-Y RW24 002E      +00492+00492LPV       97310
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 24, AMDT 3 20 OCT 2011	AMDT: 2 DATED: 04/08/2010

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6SRW24 K6PG                0   18018003425                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 24
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 24, AMDT 3 20 OCT 2011	AMDT: 2 DATED: 04/08/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ORW VOR/DME (IAF)	HADUX (NOPT) (FB)	317.29 / 26.99	2500
HFD VOR/DME (IAF)	HADUX (NOPT) (FB)	025.85 / 9.88	2500
HADUX (IF/IAF)	HOMEY (FB)	328.51 / 5.93	1800
HOMEY (FAF)	RW33 (MAP) (FO)	328.44 / 4.94	
RW33 (MAP)	368 MSL	328.44	
368 MSL	DOCEB (FO)		3500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW33

CLIMB TO 3500 DIRECT DOCEB AND HOLD; CONTINUE CLIMB-IN-HOLD TO 3500.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE HADUX, RT, 328.51 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 328.44 FAF: HOMEY DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: HADUX 2500, HOMEY 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: HOMEY 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 58.6 34:1 IS CLEAR
8. MSA FROM: RW33 3400

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 148.24 INBOUND.
CHART FAS OBST: 279 TREE 415608N/0724030W
FAS OBST: 304 AAO 415303N/0723757W
323 AA0 415215N/0723539W
DISTANCE TO THLD FROM 200 HATH: 0.44 NM.
CHART VDP AT 1.00 MILES TO RW33*
*LNAV ONLY.
WAAS CHANNEL # 65628
REFERENCE PATH ID: W33A
LTP HAE: 22.3 M

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	368	2600	200	368	2600	200	368	2600	200	368	2600	200			
LNAV/VNAV DA	460	3000	292	460	3000	292	460	3000	292	460	3000	292			
LNAV MDA	560	4000	392	560	4000	392	560	4500	392	560	4500	392			
CIRCLING	680	1	507	680	1	507	680	1 1/2	507	940	2 1/2	767			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18C (0F) OR ABOVE 42C (107F). @ CAT D 800-2 1/2
CHART NOTE: FOR INOPERATIVE MALSF, INCREASE LPV ALL CATS VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS VISIBILITY TO RVR 4500, AND LNAV CAT C. D VISIBILITY TO RVR 6000.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 173 THRE: 168 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
WINDSOR LOCKS, CT	BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 33, AMDT 2 20 OCT 2011	AMDT: 1 DATED 09/01/2005

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON ORW VOR/DME AIRWAY RADIALS 238 CW 011.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON HFD VOR/DME AIRWAY RADIALS 053 CW 097.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
WINDSOR LOCKS, CT	**ELEVATION: 173** **THRE: 168** AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (GPS) Y RWY 33, AMDT 2** 20 OCT 2011	SUP: **RNAV (GPS) RWY 33** AMDT: **1** DATED: **09/01/2005**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBDL
RUNWAY	RW33
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W33A
LTP/FTP LATITUDE	415545.3240N
LTP/FTP LONGITUDE	0724030.9575W
LTP/FTP ELLIPSOIDAL HEIGHT	+00223
FPAP LATITUDE	415647.6700N
FPAP LONGITUDE	0724156.2800W
THRESHOLD CROSSING HEIGHT (TCH)	00058.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0664
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	52BCE4FB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00513
FPAP ORTHOMETRIC HEIGHT	+00513

Bearings, headings, courses, and radials are magnetic. Elevations 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       HFD   K6011490VDLA N41382798W072325070    N41382798W072325070W0130008491     NARHARTFORD
         SUSAD       ORW   K6011000VDL  N41332305W071595767    N41332305W071595767W0140003101     NARNORWICH

                  1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT  DOCEB K60    W     N42044977W072525865                  W0141     NAR          DOCEB
         SUSAEAENRT  HADUX K60    C     N41480845W072300786                  W0142     NAR          HADUX
         SUSAEAENRT  HOMEY K60    C     N41521780W072354746                  W0142     NAR          HOMEY

                  1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173        1800018000C    MNAR    BRADLEY INTL

                  1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBDLK6FR33-Y AHADUX 010HADUXK6EA0EE AR   HF                  32850040    + 02500     18000                A JS
         SUSAP KBDLK6FR33-Y AHFD   010HFD  K6D 0V  A    IF                                      18000                A JS
         SUSAP KBDLK6FR33-Y AHFD   020HADUXK6EA0EE B 010TF                  02590099    + 02500                          A JS
         SUSAP KBDLK6FR33-Y AORW   010ORW  K6D 0V  A    IF                                      18000                A JS
         SUSAP KBDLK6FR33-Y AORW   020HADUXK6EA0EE B 010TF                  31730270    + 02500                          A JS
         SUSAP KBDLK6FR33-Y R      010HADUXK6EA0E  I    IF                              + 02500     18000                A JS
         SUSAP KBDLK6FR33-Y R      020HOMEYK6EA1E  F 051TF                  32850059    + 01800                RW33  K6PGA JS
         SUSAP KBDLK6FR33-Y R      020HOMEYK6EA2WALPV       ALNAV/VNAV ALNAV                                             JS
         SUSAP KBDLK6FR33-Y R      030RW33 K6PG0GY M 031TF                  32840049      00227          -300           A JS
         SUSAP KBDLK6FR33-Y R      040         0  M     CA                  3284        + 00368                          A JS
         SUSAP KBDLK6FR33-Y R      050DOCEBK6EA0EY       DF                            + 03500                          A JS
         SUSAP KBDLK6FR33-Y R      060DOCEBK6EA0EE  R    HM                  14820040    + 03500                          A JS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KBDLK6GRW33     0068473284 N41554532W072403096+0000     +0022300168000059150I
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 33, AMDT 2 20 OCT 2011	AMDT: 1
				DATED: 09/01/2005

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6PR33-Y RW33 001Y0000W33A0N4155453240W07240309575+002230300N4156476700W072415628001067506640005 86F40035052BCE4FB
        SUSAP KBDLK6PR33-Y RW33 002E      +00513+00513LPV       65628
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6SRW33 K6PG                0   18018003425                                                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 168	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 33
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (GPS) Y RWY 33, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 09/01/2005

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BAF VORTAC (IAF)	DILLN (TF) (FB) (RNP 1.00)	208.13 / 10.07	5000
DILLN (IF)	YELOW (TF) (FB) (RNP 0.30)	236.26 / 5.58	3400
YELOW	CABAG (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW XOBIJ) / 3.94	2700
CABAG	FAPRI (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW XOBIJ) / 3.83	1800
BRISS (IAF)	PENNA (TF) (FB) (RNP 1.00)	061.92 / 9.03	2700
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 3000 ON TRACK 058.37 TO KIBBE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 238.53 INBOUND.
CHART FAS OBST: 282 TREE 415521N/0724230W
DISTANCE TO THLD FROM 362 HATH: 0.96 NM.
CHART MINIMUM ALTITUDE AT DILLN AND PAGNE 5000.
CHART MINIMUM ALTITUDE AT BRISS 3000.
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 2: S
TCH 227.9 MSL (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT FAPRI
3. FAC: 058.32 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: FAPRI 1800
5. DIST TO THLD FROM OM: 4.94 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: FAPRI 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS CLEAR
8. MSA FROM: RW06 3400

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA	535	4000	362	535	4000	362	535	4000	362	535	4000	362			
RNP 0.30 DA	663	6000	490	663	6000	490	663	6000	490	663	6000	490			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (119F).
CHART NOTE: FOR INOPERATIVE ALSF-2, INCREASE RNP 0.11 ALL CATS VISIBILITY TO 1 1/8, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 5/8.

(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 6, ORIG 20 OCT 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
PENNA (IF)	FAPRI (TF) (FB) (RNP 0.30)	058.26 / 5.95	1800
MAD VOR/DME (IAF)	NOBIY (TF) (FB) (RNP 1.00)	004.46 / 24.55	4200
NOBIY (IF)	TAMAE (TF) (FB) (RNP 0.30)	003.33 / 5.00	3000
TAMAE	ONTEW (RF) (FB) (RNP 0.30)	(5.00 NM RADIUS CW QEQAJ) / 2.40	2400
ONTEW	FAPRI (RF) (FB) (RNP 0.30)	(5.00 NM RADIUS CW QEQAJ) / 2.40	1800
PAGNE (IF)	RABPO (TF) (FB) (RNP 0.30)	238.39 / 5.49	3700
RABPO	WHISL (RF) (FB) (RNP 0.30)	(2.50NM RADIUS CW JUZBU) / 5.45	2400
WHISL	FAPRI (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CW JUZBU) / 2.40	1800
FAPRI (FAF)	RW06 (MAP) (TF) (FO)	058.32 / 4.94	
RW06 (MAP)	KIBBE (TF) (FO) (RNP 1.00)	058.37 / 14.48	3000

NOTES, (CONT.):

CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRISS ON V419 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON BAF VORTAC AIRWAY RADIALS 121 CW 279.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON MAD VOR/DME AIRWAY RADIALS 317 CW 078.
CHART PLANVIEW NOTE AT PAGNE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO BAF VORTAC IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO MAD VOR/DME IAF: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO PAGNE: RF REQUIRED.
CHART PLANVIEW NOTE AT BAF VORTAC: (RNP 0.30).
CHART PLANVIEW NOTE AT PAGNE: (RNP 0.30).
CHART PLANVIEW NOTE AT BRISS: (RNP 0.30).
CHART PLANVIEW NOTE AT MAD VOR/DME: (RNP 0.30).
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.
CHART PLANVIEW NOTE AT RABPO, TAMAE AND YELOW: MAX 180 KIAS.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 6, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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

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ARINC PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAF   K6011300VTL  N42094306W072425831    N42094306W072425831W0140002681     NARBARNES
        SUSAD        MAD   K6011040VDL  N41184981W072413189    N41184981W072413189W0130002201     NARMADISON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRISS K60    C   L N41420467W073005612                    W0139     NAR          BRISS
        SUSAEAENRT   CABAG K60    W     N41521655W072510311                    W0140     NAR          CABAG
        SUSAEAENRT   DILLN K60    W     N41595708W072461603                    W0141     NAR          DILLN
        SUSAEAENRT   FAPRI K60    W     N41522333W072462495                    W0141     NAR          FAPRI
        SUSAEAENRT   JUZBU K60    W     N41503846W072440136                    W0141     NAR          CNF(JUZBU)
        SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR          KIBBE
        SUSAEAENRT   NOBIY K60    W     N41430277W072465782                    W0140     NAR          NOBIY
        SUSAEAENRT   ONTEW K60    W     N41502020W072480209                    W0141     NAR          ONTEW
        SUSAEAENRT   PAGNE K60    W     N41524904W072362992                    W0142     NAR          PAGNE
        SUSAEAENRT   PENNA K60    C     N41480763W072515847                    W0140     NAR          PENNA
        SUSAEAENRT   QEQAJ K60    W     N41485353W072413791                    W0141     NAR          CNF(QEQAJ)
        SUSAEAENRT   RABPO K60    W     N41485358W072413784                    W0141     NAR          RABPO
        SUSAEAENRT   TAMAE K60    W     N41475772W072481206                    W0140     NAR          TRAIL
        SUSAEAENRT   WHISL K60    W     N41501060W072471855                    W0141     NAR          WHISL
        SUSAEAENRT   XOBIJ K60    W     N41540822W072484875                    W0141     NAR          CNF(XOBIJ)
        SUSAEAENRT   YELOW K60    W     N41554907W072511770                    W0141     NAR          YELOW

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173        1800018000C    MNAR    BRADLEY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6FR06-Z ABAF   010BAF  K6D 0V  A    IF                                                18000                A PS
        SUSAP KBDLK6FR06-Z ABAF   020DILLNK6EA0E  B 010TF                    20810101    + 05000                            A PS
        SUSAP KBDLK6FR06-Z ABAF   030YELOWK6EA0E    031TF                    23630056    + 03400          180              A-PS
        SUSAP KBDLK6FR06-Z ABAF   040CABAGK6EA0E   L031RF       0025002363   14600039    + 02700                  XOBIJ K6EAA PS
        SUSAP KBDLK6FR06-Z ABAF   050FAPRIK6EA0EE  L031RF       0025001460   05830038    + 01800                  XOBIJ K6EAA PS
        SUSAP KBDLK6FR06-Z ABRISS 010BRISSK6EA0E  A    IF                                 + 03000    18000                 A PS
        SUSAP KBDLK6FR06-Z ABRISS 020PENNAK6EA0E  B 010TF                    06190090    + 02700                            A PS
        SUSAP KBDLK6FR06-Z ABRISS 030FAPRIK6EA0EE   031TF                    05830060    + 01800                            A PS
        SUSAP KBDLK6FR06-Z AMAD   010MAD  K6D 0V  A    IF                                                18000                A PS
        SUSAP KBDLK6FR06-Z AMAD   020NOBIYK6EA0E  B 010TF                    00450246    + 04200                            A PS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 6, ORIG 20 OCT 2011	AMDT: NONE DATED:

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

```
SUSAP KBDLK6FR06-Z AMAD   030TAMAEK6EA0E    031TF                    00330050    + 03000          180              A-PS
SUSAP KBDLK6FR06-Z AMAD   040ONTEWK6EA0E    R031RF      0050000033   03080024    + 02400                   QEQAJ K6EAA PS
SUSAP KBDLK6FR06-Z AMAD   050FAPRIK6EA0EE   R031RF      0050000308   05830024    + 01800                   QEQAJ K6EAA PS
SUSAP KBDLK6FR06-Z APAGNE 010PAGNEK6EA0E  B     IF                               + 05000      18000               A PS
SUSAP KBDLK6FR06-Z APAGNE 020RABPOK6EA0E    031TF                    23840055    + 03700          180              A-PS
SUSAP KBDLK6FR06-Z APAGNE 030WHISLK6EA0E    R031RF      0025002384   00330055    + 02400                   JUZBU K6EAA PS
SUSAP KBDLK6FR06-Z APAGNE 040FAPRIK6EA0EE   R031RF      0025000033   05830024    + 01800                   JUZBU K6EAA PS
SUSAP KBDLK6FR06-Z R      020FAPRIK6EA1E  F     IF                               + 01800      18000        RW06  K6PGA PS
SUSAP KBDLK6FR06-Z R      020FAPRIK6EA2W                                              A031A112                    PS
SUSAP KBDLK6FR06-Z R      030RW06 K6PG0GY M 031TF                    05830049      00228              -300         A PS
SUSAP KBDLK6FR06-Z R      040KIBBEK6EA0EYM  010TF                    05840145    + 03000                         A PS
SUSAP KBDLK6FR06-Z R      050KIBBEK6EA0EE  L    HM                    23850040    + 03000                         A PS
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6GRW06     0095100584 N41555525W072414769-0100     +0023700173000048200IIBDL3
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KBDLK6SRW06 K6PG              0    18018003425                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 6, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BAF	BAF	010	IAF	IF		FB					
	BAF	DILLN	020		TF		FB	1.0	208.1(194.1T)	010.1	AA 05000	
	BAF	YELOW	030		TF		FB	0.3	236.3(222.3T)	005.6	AA 03400	AB 180
	BAF	CABAG	040		RF	L	FB	0.3		003.9	AA 02700	
	BAF	FAPRI	050		RF	L	FB	0.3		003.8	AA 01800	
	BRISS	BRISS	010	IAF	IF		FB				AA 03000	
	BRISS	PENNA	020		TF		FB	1.0	061.9(047.9T)	009.0	AA 02700	
	BRISS	FAPRI	030		TF		FB	0.3	058.3(044.3T)	006.0	AA 01800	
	MAD	MAD	010	IAF	IF		FB					
	MAD	NOBIY	020		TF		FB	1.0	004.5(350.5T)	024.6	AA 04200	
	MAD	TAMAE	030		TF		FB	0.3	003.3(349.3T)	005.0	AA 03000	AB 180
	MAD	ONTEW	040		RF	R	FB	0.3		002.4	AA 02400	
	MAD	FAPRI	050		RF	R	FB	0.3		002.4	AA 01800	
	PAGNE	PAGNE	010		IF		FB				AA 05000	
	PAGNE	RABPO	020		TF		FB	0.3	238.4(224.4T)	005.5	AA 03700	AB 180
	PAGNE	WHISL	030		RF	R	FB	0.3		005.5	AA 02400	
	PAGNE	FAPRI	040		RF	R	FB	0.3		002.4	AA 01800	
		FAPRI	020	FAF	IF		FB				AA 01800	
		RW06	030	MAP	TF		FO	0.3	058.3(044.3T)	004.9	AT 00228	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	KIBBE	040		TF		FO	1.0	058.4(044.4T)	014.5	AA 03000	
	KIBBE	050		HM	L	FO		238.5(224.5T)	004.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAF	N420943.06	W0724258.31	N4209.718	W07242.972
	MAD	N411849.81	W0724131.89	N4118.830	W07241.532
	BRISS	N414204.67	W0730056.12	N4142.078	W07300.935
	CABAG	N415216.55	W0725103.11	N4152.276	W07251.052
	DILLN	N415957.08	W0724616.03	N4159.951	W07246.267
	FAPRI	N415223.33	W0724624.95	N4152.389	W07246.416
	JUZBU	N415038.46	W0724401.36	N4150.641	W07244.023
	KIBBE	N420615.93	W0722811.18	N4206.266	W07228.186
	NOBIY	N414302.77	W0724657.82	N4143.046	W07246.964
	ONTEW	N415020.20	W0724802.09	N4150.337	W07248.035
	PAGNE	N415249.04	W0723629.92	N4152.817	W07236.499
	PENNA	N414807.63	W0725158.47	N4148.127	W07251.975
	QEQAJ	N414853.53	W0724137.91	N4148.892	W07241.632
	RABPO	N414853.58	W0724137.84	N4148.893	W07241.631
	TAMAE	N414757.72	W0724812.06	N4147.962	W07248.201

CITY AND STATE	ELEVATION: 173 THRE: 173	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (RNP) Z RWY 6, ORIG** 20 OCT 2011	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.

WHISL	N415010.60	W0724718.55	N4150.177	W07247.309
XOBIJ	N415408.22	W0724848.75	N4154.137	W07248.813
YELOW	N415549.07	W0725117.70	N4155.818	W07251.295
RW06	N415555.25	W0724147.69	N4155.921	W07241.795

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW06	00173	48

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 173 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 6, ORIG 20 OCT 2011	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KIBBE (IAF)	DENNO (TF) (FB) (RNP 1.00)	238.53 / 4.57	2600
DENNO (IF)	NEEDY (TF) (FB) (RNP 0.30)	238.48 / 4.00	1600
DILLN (IF)	ELILE (TF) (FB) (RNP 0.30)	058.41 / 5.37	3600
ELILE	NEEDY (RF) (FB) (RNP 0.30)	(2.60 NM RADIUS CW ZEGIG) / 8.16	1600
PAGNE (IF)	HADGO (TF) (FB) (RNP 0.30)	058.41 / 5.36	3500
(SEE FORM 8260-10)			

MISSED APPROACH

RNP: DA

CLIMB TO 3100 ON TRACK 238.39 TO PENNA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, LT, 058.26 INBOUND.
CHART FAS OBST: 267 TREE 415746N/0723945W
DISTANCE TO THLD FROM 376 HATH: 1.01 NM.
CHART MINIMUM ALTITUDE AT DILLN AND PAGNE 5000.
CHART MINIMUM ALTITUDE AT KIBBE 3000.
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 2: S
TCH 216.3 MSL (DO NOT CHART)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NEEDY
3. FAC: 238.43 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: NEEDY 1600
5. DIST TO THLD FROM OM: 4.35 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: NEEDY 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0# 34:1 IS CLEAR
8. MSA FROM: RW24 3400

MAG VAR: 14W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.30 DA	583	4500	422	583	4500	422	583	4500	422	583	4500	422			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE RNP 0.30 ALL CATS VISIBILITY TO 1 3/8.

(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 24, ORIG 20 OCT 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HADGO	NEEDY (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW YUZVU) / 7.84	1600
NEEDY (FAF)	RW24 (MAP) (TF) (FO)	238.43 / 4.35	
RW24 (MAP)	PENNA (TF) (FO) (RNP 1.00)	238.39 / 12.45	3100

NOTES, (CONT.):

CHART NOTE: GPS REQUIRED.
CHART PLANVIEW NOTE AT DILLN : MAX 180 KIAS.
CHART PLANVIEW NOTE AT PAGNE : MAX 180 KIAS.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KIBBE ON V146 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO DILLN: RF REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO PAGNE: RF REQUIRED.
CHART PLANVIEW NOTE AT DILLN: (RNP 0.30).
CHART PLANVIEW NOTE AT KIBBE: (RNP 0.30).
CHART PLANVIEW NOTE AT PAGNE: (RNP 0.30).
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 24, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-18 - RNAV (RNP)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   DENNO K60    W     N42030029W072322926                    W0143     NAR           DENNO
          SUSAEAENRT   DILLN K60    W     N41595708W072461603                    W0141     NAR           DILLN
          SUSAEAENRT   ELILE K60    W     N42034703W072411360                    W0142     NAR           ELILE
          SUSAEAENRT   HADGO K60    W     N41563879W072312836                    W0142     NAR           HADGO
          SUSAEAENRT   KIBBE K60    C   L N42061593W072281118                    W0143     NAR           KIBBE
          SUSAEAENRT   NEEDY K60    W     N42000870W072361507                    W0142     NAR           NEEDY
          SUSAEAENRT   PAGNE K60    W     N41524904W072362992                    W0142     NAR           PAGNE
          SUSAEAENRT   PENNA K60    C     N41480763W072515847                    W0140     NAR           PENNA
          SUSAEAENRT   YUZVU K60    W     N41582374W072335168                    W0142     NAR           CNF(YUZVU)
          SUSAEAENRT   ZEGIG K60    W     N42015782W072384436                    W0142     NAR           CNF(ZEGIG)

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6ABDL     0     095YHN41562000W072405960W014000173          1800018000C    MNAR    BRADLEY INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6FR24-Z ADILLN 010DILLNK6EA0E  B    IF                                  + 05000     18000180              A-PS
          SUSAP KBDLK6FR24-Z ADILLN 020ELILEK6EA0E    031TF                      05840054    + 03600                           A PS
          SUSAP KBDLK6FR24-Z ADILLN 030NEEDYK6EA0EE  R031RF       0026000584     23840082    + 01600                 ZEGIG K6EAA PS
          SUSAP KBDLK6FR24-Z AKIBBE 010KIBBEK6EA0E  A    IF                                  + 03000     18000                 A PS
          SUSAP KBDLK6FR24-Z AKIBBE 020DENNOK6EA0E  B 010TF                         23850046    + 02600                           A PS
          SUSAP KBDLK6FR24-Z AKIBBE 030NEEDYK6EA0EE   031TF                         23850040    + 01600                           A PS
          SUSAP KBDLK6FR24-Z APAGNE 010PAGNEK6EA0E  B    IF                                  + 05000     18000180              A-PS
          SUSAP KBDLK6FR24-Z APAGNE 020HADGOK6EA0E    031TF                      05840054    + 03500                           A PS
          SUSAP KBDLK6FR24-Z APAGNE 030NEEDYK6EA0EE  L031RF       0025000584     23840078    + 01600                 YUZVU K6EAA PS
          SUSAP KBDLK6FR24-Z R      020NEEDYK6EA1E  F    IF                                  + 01600     18000       RW24  K6PGA PS
          SUSAP KBDLK6FR24-Z R      020NEEDYK6EA2W                                                A031                        PS
          SUSAP KBDLK6FR24-Z R      030RW24 K6PG0GY M 031TF                    23840044      00216             -300          A PS
          SUSAP KBDLK6FR24-Z R      040PENNAK6EA0EYM  010TF                    23840125    + 03100                           A PS
          SUSAP KBDLK6FR24-Z R      050PENNAK6EA0EE  L   HM                    05830040    + 03100                           A PS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KBDLK6GRW24     0095102384 N41570239W072401968+0100     +00201001610000552001IMYQ1

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (RNP) Z RWY 24, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

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

```
SUSAP KBDLK6SRW24 K6PG          0   18018003425                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: BRADLEY INTL	RNAV	RNAV (RNP) Z RWY 24, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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

ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	DILLN	DILLN	010		IF		FB				AA 05000	AB 180
	DILLN	ELILE	020		TF		FB	0.3	058.4(044.4T)	005.4	AA 03600	
	DILLN	NEEDY	030		RF	R	FB	0.3		008.2	AA 01600	
	KIBBE	KIBBE	010	IAF	IF		FB				AA 03000	
	KIBBE	DENNO	020		TF		FB	1.0	238.5(224.5T)	004.6	AA 02600	
	KIBBE	NEEDY	030		TF		FB	0.3	238.5(224.5T)	004.0	AA 01600	
	PAGNE	PAGNE	010		IF		FB				AA 05000	AB 180
	PAGNE	HADGO	020		TF		FB	0.3	058.4(044.4T)	005.4	AA 03500	
	PAGNE	NEEDY	030		RF	L	FB	0.3		007.8	AA 01600	
		NEEDY	020	FAF	IF		FB				AA 01600	
		RW24	030	MAP	TF		FO	0.3	238.4(224.4T)	004.4	AT 00216	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		PENNA	040		TF		FO	1.0	238.4(224.4T)	012.5	AA 03100	
		PENNA	050		HM	L	FO		058.3(044.3T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DENNO	N420300.29	W0723229.26	N4203.005	W07232.488
	DILLN	N415957.08	W0724616.03	N4159.951	W07246.267
	ELILE	N420347.03	W0724113.60	N4203.784	W07241.227
	HADGO	N415638.79	W0723128.36	N4156.647	W07231.473
	KIBBE	N420615.93	W0722811.18	N4206.266	W07228.186
	NEEDY	N420008.70	W0723615.07	N4200.145	W07236.251
	PAGNE	N415249.04	W0723629.92	N4152.817	W07236.499
	PENNA	N414807.63	W0725158.47	N4148.127	W07251.975
	YUZVU	N415823.74	W0723351.68	N4158.396	W07233.861
	ZEGIG	N420157.82	W0723844.36	N4201.964	W07238.739
	RW24	N415702.39	W0724019.68	N4157.040	W07240.328

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00161	55

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 173 THRE: 161	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**RNAV**	**RNAV (RNP) Z RWY 24, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 173 TDZE: 173	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**BDL**	**VOR OR TACAN RWY 6, ORIG-B, 01/18/2007**	AMDT **ORIG-A**
				DATE **07/19/2000**

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 173 TDZE: 171	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**BDL**	**VOR OR TACAN RWY 15, AMDT 2A, 01/18/2007**	AMDT **AMDT 2**
				DATE **09/11/1997**

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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 173 TDZE: 170	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WINDSOR LOCKS, CT	AIRPORT NAME: **BRADLEY INTL**	**BDL**	**VOR OR TACAN RWY 24, ORIG-A, 01/18/2007**	AMDT **ORIG**
				DATE **09/11/1997**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

TACAN OR VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 173 TDZE: 171 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WINDSOR LOCKS, CT	**BRADLEY INTL**	**BDL**	**VOR OR TACAN RWY 33, ORIG-C, 09/25/2008**	AMDT **ORIG-B**
				DATE **05/10/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OOD VORTAC	HADIN LOM	267.26 / 14.79	2000
ODESA INT	HADIN LOM	071.59 / 11.34	2000
BAINS INT	HADIN LOM	113.77 / 14.35	2000
BLARE RADAR (IAF)	ZEMAR INT (NOPT)	300.00 / 3.85 (HDG) & 015.07 / 2.29 (I-ILG)	1900
ZEMAR INT (IF)	HADIN LOM	015.06 / 6.52 (I-ILG)	1900

MISSED APPROACH

ILS: DA
LOC: 5.30 MILES AFTER HADIN LOM

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 220 AND DQO R-271 TO ELUDE/DQO 9.17 DME AND HOLD (NON-DME AIRCRAFT CLIMB TO 900, THEN CLIMBING LEFT TURN TO 2000 DIRECT HADIN LOM AND HOLD). , OR AS DIRECTED BY ATC. (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.65 INBOUND.
CHART FAS OBST: 159 TREE 393839N/0753643W
CHART 280 T-L TWR 393641N/0753618W
CHART (KAKTE) AT INTERSECTION OF DR LEG AND INTERMEDIATE COURSE.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S HADIN LOM, LT, 015.07 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 015.07 FAF: HADIN LOM DIST FAF TO MAP: 5.30 THLD: 5.30
4. MIN. ALT: HADIN LOM 1900, CASTL INT 580*
5. DIST TO THLD FROM OM: 5.30 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
6. MIN GS INCPT: 1900 GS ALT AT: - OM: 1842 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 52.4
8. MSA FROM: IL LOM 090-270 1800, 270-090 2200

MAG VAR: 10W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1	275	4000	200	275	4000	200	275	4000	200	275	4000	200			
S-LOC 1	580	4000	505	580	4000	505	580	5500	505	580	5500	505			
CIRCLING	580	1	500	580	1	500	600	1 1/2	520	640	2	560			
CASTL FIX MINIMUMS															
S-LOC 1	420	4000	345	420	4000	345	420	4000	345	420	4000	345			
CIRCLING	540	1	460	540	1	460	600	1 1/2	520	640	2	560			

NOTES:
CHART NOTE: ADF OR DME REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LOC ONLY
*640 WHEN USING PHILADELPHIA INTL ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: NEW CASTLE	I-ILG	ILS OR LOC RWY 1, AMDT 23 20 OCT 2011	AMDT: 22 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.

MISSED APPROACH INSTRUCTIONS, (CONT.):
ALTERNATE MA: CLIMB TO 900 THEN CLIMBING LEFT TURN TO 2000 DIRECT HADIN LOM AND HOLD. (ADF REQUIRED).

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILADELPHIA INTL ALTIMETER SETTING AND INCREASE ALL DA 54 FEET AND ALL MDA 60 FT, AND INCREASE S-LOC 1 CATS C AND D VISIBILITY TO RVR 6000; INCREASE CIRCLING CAT C VISIBILITY 1/8 MILE.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 1 ALL CATS VISIBILITY.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 1 CATS A AND B VISIBILITY TO RVR 5000, AND INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 3/8 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CASTL FIX MINIMUMS, INCREASE S-LOC 1 ALL CATS VISIBILITY TO RVR 5000.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY WHEN USING PHILADELPHIA INTL ALTIMETER SETTING TO S-ILS 1 ALL CATS VISIBILITY.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING PHILADELPHIA INTL ALTIMETER SETTING, INCREASE S-LOC 1 CATS A AND B VISIBILITY TO RVR 5000, AND INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 5/8 MILE.

CHART NOTE: FOR CASTL FIX MINIMUMS, FOR INOPERATIVE MALSR WHEN USING PHILADELPHIA INTL ALTIMETER SETTING, INCREASE S-LOC 1 CATS A AND B VISIBILITY TO RVR 5000, AND INCREASE S-LOC 1 CATS C AND D VISIBILITY TO 1 1/8 MILE.

CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT BLARE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: NEW CASTLE	I-ILG	ILS OR LOC RWY 1, AMDT 23 20 OCT 2011	AMDT: 22
				DATED: 12/17/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DQO   K6011400VTLW N39404130W075362549    N39404130W075362549W0100000701     NARDUPONT
        SUSAD        OOD   K6011280VTL  N39380971W075181088    N39380971W075181088W0100001401     NARWOODSTOWN
        SUSADB       IL    K6002480HOLW N39345241W075365006                       W0100           NARHADIN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAINS K60    R   L N39381897W075545172                       W0117     NAR           BAINS
        SUSAEAENRT   BLARE K60    C   L N39244650W075331010                       W0118     NAR           BLARE
        SUSAEAENRT   ELUDE K60    C   L N39391128W075480843                       W0118     NAR           ELUDE
        SUSAEAENRT   HADIN K60    W     N39345241W075365006                       W0119     NAR           HADIN LOM
        SUSAEAENRT   KAKTE K60    W     N39260550W075375032                       W0118     NAR           CNF(KAKTE)
        SUSAEAENRT   ODESA K60    C   L N39292900W075494437                       W0117     NAR           ODESA
        SUSAEAENRT   ZEMAR K60    R     N39282235W075373468                       W0118     NAR           ZEMAR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6AILG     0     072YHN39404340W075362390W010000080         1800018000C    MNAR    NEW CASTLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6FI01   ABAINS 010BAINSK6EA0E       IF                                                18000                 0 DS
        SUSAP KILGK6FI01   ABAINS 020IL   K6DB0NY      TF                                     + 02000                          0 DS
        SUSAP KILGK6FI01   ABAINS 030IL   K6DB0NE AL   HF DQO K6      193100580151T010D   + 02000                          0 DS
        SUSAP KILGK6FI01   ABLARE 010BLAREK6EA0E  A    IF                                                18000                 0 DS
        SUSAP KILGK6FI01   ABLARE 020KAKTEK6EA0E       TF                                     + 01900                          0 DS
        SUSAP KILGK6FI01   ABLARE 030ZEMARK6EA0EE B    CF IILGK6      1951013101510023PI  + 01900                          0 DS
        SUSAP KILGK6FI01   AODESA 010ODESAK6EA0E       IF                                                18000                 0 DS
        SUSAP KILGK6FI01   AODESA 020IL   K6DB0NY      TF                                     + 02000                          0 DS
        SUSAP KILGK6FI01   AODESA 030IL   K6DB0NE AL   HF DQO K6      193100580151T010D   + 02000                          0 DS
        SUSAP KILGK6FI01   AOOD   010OOD  K6D 0V       IF                                                18000                 0 DS
        SUSAP KILGK6FI01   AOOD   020IL   K6DB0NY      TF                                     + 02000                          0 DS
        SUSAP KILGK6FI01   AOOD   030IL   K6DB0NE AL   HF DQO K6      193100580151T010D   + 02000                          0 DS
        SUSAP KILGK6FI01   I      010ZEMARK6EA0E  I    IF IILGK6      19510131        PI  J 019000190018000                 0 DS
        SUSAP KILGK6FI01   I      020HADINK6EA0E  F    CF IILGK6      1951006601500065PI  H 0190001842        -300IL    K6DB0 DS
        SUSAP KILGK6FI01   I      030RW01 K6PG0GY M    CF IILGK6      1951001301500053PI    00127             -300          0 DS
        SUSAP KILGK6FI01   I      040         0  M     CA                     0151        + 00900                          0 DS
        SUSAP KILGK6FI01   I      050         0    L   VIY                    2200                                          0 DS
        SUSAP KILGK6FI01   I      060ELUDEK6EA0EY      CF DQO K6      2707009227070060D   + 02000                          0 DS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: NEW CASTLE	I-ILG	ILS OR LOC RWY 1, AMDT 23	AMDT: 22
			20 OCT 2011	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.

```
        SUSAP KILGK6FI01   I      070ELUDEK6EA0EE  R   HM                    0907T010    + 02000                          0 DS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6GRW01    0070120151 N39400945W075361376-0200    -0010200075000052150IIILG1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6IIILG1   011030RW01 N39412846W075360469015 1N39401888W0753606511014 10000499300W01005200075

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILGK6SIL   K6DB              0   0902700222527009001825                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: NEW CASTLE	I-ILG	ILS OR LOC RWY 1, AMDT 23 20 OCT 2011	AMDT: 22 DATED: 12/17/2009

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	BAINS	BAINS	010		IF		FB					
	BAINS	IL	020		TF		FO				AA 02000	
	BAINS	IL	030	IAF	HF	L	FO		015.1()	T01.0	AA 02000	
	BLARE	BLARE	010	IAF	IF		FB					
	BLARE	KAKTE	020		TF		FB				AA 01900	
	BLARE	ZEMAR	030		CF		FB		015.1()	002.3	AA 01900	
	ODESA	ODESA	010		IF		FB					
	ODESA	IL	020		TF		FO				AA 02000	
	ODESA	IL	030	IAF	HF	L	FO		015.1()	T01.0	AA 02000	
	OOD	OOD	010		IF		FB					
	OOD	IL	020		TF		FO				AA 02000	
	OOD	IL	030	IAF	HF	L	FO		015.1()	T01.0	AA 02000	
		ZEMAR	010	FACF	IF		FB				AA 01900 GI 01900	
		HADIN	020	FAF	CF		FB		015.0()	006.5	GI 01900 GS 01842	
		RW01	030	MAP	CF		FO		015.0()	005.3	AT 00127	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		015.1()		AA 00900	
		050		VI	L	FB		220.0()			
	ELUDE	060		CF		FO		270.7()	006.0	AA 02000	
	ELUDE	070		HM	R	FO		090.7()	T01.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DQO	N394041.30	W0753625.49	N3940.688	W07536.425
	OOD	N393809.71	W0751810.88	N3938.162	W07518.181
	IL	N393452.41	W0753650.06	N3934.874	W07536.834
	BAINS	N393818.97	W0755451.72	N3938.316	W07554.862
	BLARE	N392446.50	W0753310.10	N3924.775	W07533.168
	ELUDE	N393911.28	W0754808.43	N3939.188	W07548.141
	HADIN	N393452.41	W0753650.06	N3934.874	W07536.834
	KAKTE	N392605.50	W0753750.32	N3926.092	W07537.839
	ODESA	N392929.00	W0754944.37	N3929.483	W07549.740
	ZEMAR	N392822.35	W0753734.68	N3928.373	W07537.578
	RW01	N394009.45	W0753613.76	N3940.158	W07536.229
	IILG (LOC)	N394128.46	W0753604.69	N3941.474	W07536.078

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00075	52

QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: **NEW CASTLE**	**I-ILG**	**ILS OR LOC RWY 1, AMDT 23** 20 OCT 2011	AMDT: **22**
				DATED: **12/17/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.29**

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QUALITY CHECKED

CITY AND STATE	ELEVATION: 80 THRE: 75	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, DE	AIRPORT NAME: **NEW CASTLE**	**I-ILG**	**ILS OR LOC RWY 1, AMDT 23** 20 OCT 2011	AMDT: **22**
				DATED: **12/17/2009**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OMN VORTAC	CUKNU/OMN 15.00 DME	068.00 / 15.00	2700
JODAB/OMN 15.00 DME CW (IAF)	CUKNU/OMN 15.00 DME	15.00 DME ARC	2800
CUKNU/OMN 15.00 DME CW (IAF)	RINEE INT/ 14.49 DME	15.00 DME ARC (OMN LR-089)	2700
MIKBE INT/OMN 18.00 DME CCW (IAF)	WISPO INT	18.00 DME ARC (OMN LR-098)	2800
WISPO INT	RINEE INT/ 14.49 DME	250.23 / 3.42 (I-DBF)	2700
RINEE INT/ 14.49 DME (IF)	DIYAK INT/ 6.58 DME	250.23 / 7.91 (I-DBF)	1600

MISSED APPROACH

ILS: DA
LOC: 4.75 MILES AFTER DIYAK INT/6.58 DME OR AT I-DBF 1.83 DME FIX

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 2800 ON HEADING 140 AND OMN VORTAC R-161 TO MIKBE INT/OMN 18.00 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 1700 DIRECT EVB NDB AND HOLD. (ADF REQUIRED).

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT RINEE
3. FAC: 250.23 FAF: DIYAK INT/ 6.58 DME DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: RINEE 2700, DIYAK 1600, BANNR INT/ 4.83 DME/RADAR 1040*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1034
6. MIN GS INCPT: 1600 GS ALT AT: DIYAK 1600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 55.0
8. MSA FROM: OMN VORTAC 2800

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 340.53 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE EVB NDB, LT, 304.00 INBOUND.
CHART FAS OBST: 198 TOWER 291153N/0810138W
CHART VDP AT 2.89 DME*;
DISTANCE VDP TO THLD 1.05 MILES.
*LOC ONLY.
CHART OMN R-068 AT CUKNU.
CHART OMN R-161 AT MIKBE.
CHART OMN R-342 AT JODAB.
CHART IN PLANVIEW: EVB NDB.
CHART: ASR

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY ===>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 25R	232	3/4	200	232	3/4	200	232	3/4	200	232	3/4	200			
S-LOC 25R	1040	1 1/4	1008	1040	1 1/2	1008	1040	3	1008	1040	3	1008			
CIRCLING	1040	1 1/4	1006	1040	1 1/2	1006	1040	3	1006	1040	3	1006			
BANNR FIX MINIMUMS (DUAL VOR RECEIVERS, OR DME OR RADAR REQUIRED)															
S-LOC 25R	440	1	408	440	1	408	440	1 1/8	408	440	1 1/8	408			
CIRCLING	540	1	506	540	1	506	540	1 1/2	506	620	2	586			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT.
CHART PLANVIEW NOTE: DME OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: CIRCLING TO RWY 7R AND 25L NA AT NIGHT.

CAT A, B 1100-2, CAT C, D 1100-3
@ CAT A, B 1100-2, CAT C, D 1100-3

CITY AND STATE	ELEVATION: 34 THRE: 32 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	DAYTONA BEACH INTL	I-DBF	ILS OR LOC RWY 25R, ORIG 20 OCT 2011	AMDT: NONE
				DATED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC PACKET - 424-18 - ILS

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAD        OMN   K7011260VTH  N29181171W081064571    N29181171W081064571E0000000192     NARORMOND BEACH
       SUSAD KDABK7 IDBF  K7010970 IT                      IDBFN29101475W081044457     000270     NARDAYTONA BEACH INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CUKNU K70    R     N29234875W080505041                    W0063    NAR          CUKNU
       SUSAEAENRT   DIYAK K70    C     N29130438W080575673                    W0062    NAR          DIYAK
       SUSAEAENRT   JODAB K70    R   L N29322775W081121130                    W0061    NAR          JODAB
       SUSAEAENRT   MIKBE K70    R   L N29011072W080595507                    W0061    NAR          MIKBE
       SUSAEAENRT   RINEE K70    R     N29162311W080494394                    W0063    NAR          RINEE
       SUSAEAENRT   WISPO K70    R     N29174888W080461074                    W0063    NAR          WISPO

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDABK7ADAB      0     105YHN29104770W081032900W005000034        1800018000C    MNAR    DAYTONA BEACH INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
       SUSAP KDABK7FI25R  AJODAB 010JODABK7EA0E  A    IF OMN K7      34160150        D                 18000                  0 NS
       SUSAP KDABK7FI25R  AJODAB 020CUKNUK7EA0E   R   AF OMN K7      068001503416    D   + 02800                              0 NS
       SUSAP KDABK7FI25R  AJODAB 030RINEEK7EA0EE BR   AF OMN K7      096801500680    D   + 02700                              0 NS
       SUSAP KDABK7FI25R  AMIKBE 010MIKBEK7EA0E  A    IF OMN K7      16050180        D                 18000                  0 NS
       SUSAP KDABK7FI25R  AMIKBE 020WISPOK7EA0E   L   AF OMN K7      091101801605    D   + 02800                              0 NS
       SUSAP KDABK7FI25R  AMIKBE 030RINEEK7EA0EE B    CF IDBFK7      0702014525020034PI  + 02700                              0 NS
       SUSAP KDABK7FI25R  AOMN   010OMN  K7D 0V       IF                                 18000                  0 NS
       SUSAP KDABK7FI25R  AOMN   020CUKNUK7EA0E  A    TF OMN K7      06800150        D   + 02700                              0 NS
       SUSAP KDABK7FI25R  AOMN   030RINEEK7EA0EE BR   AF OMN K7      096801500680    D   + 02700                              0 NS
       SUSAP KDABK7FI25R  I      010RINEEK7EA0E  I    IF IDBFK7      07020145        PI  J 027000160018000                    0 NS
       SUSAP KDABK7FI25R  I      020DIYAKK7EA0E  F    CF IDBFK7      0702006625000079PI  H 0160001600        -300OMN   K7D 0 NS
       SUSAP KDABK7FI25R  I      030RW25RK7PG0GY M    CF IDBFK7      0702001925000048PI    00087             -300           0 NS
       SUSAP KDABK7FI25R  I      040         0  M     CA                    2502        + 00500                              0 NS
       SUSAP KDABK7FI25R  I      050         0    L   VIY                   1400                                             0 NS
       SUSAP KDABK7FI25R  I      060MIKBEK7EA0EY       CF OMN K7      1605018016050050D   + 02800                              0 NS
       SUSAP KDABK7FI25R  I      070MIKBEK7EA0EE  R    HM                    3405T010    + 02800                              0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------------
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: **DAYTONA BEACH INTL**	**I-DBF**	**ILS OR LOC RWY 25R, ORIG** 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

```
        SUSAP KDABK7GRW25R   0105002502 N29110475W081025250+0000    -0018500032000055150IIDBF1
                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7IIDBF1   010970RW25RN29101783W0810448312502N29105800W0810301800807 10340354300W00505500032
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7SOMN  K7D                 0   18018002825                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	I-DBF	ILS OR LOC RWY 25R, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JODAB	JODAB	010	IAF	IF		FB					
	JODAB	CUKNU	020		AF	R	FB		341.6()		AA 02800	
	JODAB	RINEE	030		AF	R	FB		068.0()		AA 02700	
	MIKBE	MIKBE	010	IAF	IF		FB					
	MIKBE	WISPO	020		AF	L	FB		160.5()		AA 02800	
	MIKBE	RINEE	030		CF		FB		250.2()	003.4	AA 02700	
	OMN	OMN	010		IF		FB					
	OMN	CUKNU	020	IAF	TF		FB				AA 02700	
	OMN	RINEE	030		AF	R	FB		068.0()		AA 02700	
		RINEE	010	FACF	IF		FB				AA 02700 GI 01600	
		DIYAK	020	FAF	CF		FB		250.0()	007.9	GI 01600 GS 01600	
		RW25R	030	MAP	CF		FO		250.0()	004.8	AT 00087	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		250.2()		AA 00500	
		050		VI	L	FB		140.0()			
	MIKBE	060		CF		FO		160.5()	005.0	AA 02800	
	MIKBE	070		HM	R	FO		340.5()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OMN	N291811.71	W0810645.71	N2918.195	W08106.762
	IDBF (DME)	N291014.75	W0810444.57	N2910.246	W08104.743
	CUKNU	N292348.75	W0805050.41	N2923.813	W08050.840
	DIYAK	N291304.38	W0805756.73	N2913.073	W08057.946
	JODAB	N293227.75	W0811211.30	N2932.463	W08112.188
	MIKBE	N290110.72	W0805955.07	N2901.179	W08059.918
	RINEE	N291623.11	W0804943.94	N2916.385	W08049.732
	WISPO	N291748.88	W0804610.74	N2917.815	W08046.179
	RW25R	N291104.75	W0810252.50	N2911.079	W08102.875
	IDBF (LOC)	N291017.83	W0810448.31	N2910.297	W08104.805

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25R	00032	55

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	I-DBF	ILS OR LOC RWY 25R, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAD         OMN    K7011260VTH  N29181171W081064571    N29181171W081064571E0000000192     NARORMOND BEACH
        SUSAD KDABK7 IDBF   K7010970 IT                      IDBFN29101475W081044457     000270     NARDAYTONA BEACH INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BANNR K70    C     N29122032W080594574                    W0062    NAR          BANNR
        SUSAEAENRT   CUKNU K70    R     N29234875W080505041                    W0063    NAR          CUKNU
        SUSAEAENRT   DIYAK K70    C     N29130438W080575673                    W0062    NAR          DIYAK
        SUSAEAENRT   JODAB K70    R   L N29322775W081121130                    W0061    NAR          JODAB
        SUSAEAENRT   MIKBE K70    R   L N29011072W080595507                    W0061    NAR          MIKBE
        SUSAEAENRT   RINEE K70    R     N29162311W080494394                    W0063    NAR          RINEE
        SUSAEAENRT   WISPO K70    R     N29174888W080461074                    W0063    NAR          WISPO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7ADAB      0     105YHN29104770W081032900W005000034          1800018000C    MNAR     DAYTONA BEACH INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7FL25R  AJODAB 010JODABK7EA0E  A    IF OMN K7      34160150        D                  18000                    0 NS
        SUSAP KDABK7FL25R  AJODAB 020CUKNUK7EA0E   R   AF OMN K7      068001503416    D   + 02800                                 0 NS
        SUSAP KDABK7FL25R  AJODAB 030RINEEK7EA0EE BR   AF OMN K7      096801500680    D   + 02700                                 0 NS
        SUSAP KDABK7FL25R  AMIKBE 010MIKBEK7EA0E  A    IF OMN K7      16050180        D                  18000                    0 NS
        SUSAP KDABK7FL25R  AMIKBE 020WISPOK7EA0E   L   AF OMN K7      091101801605    D   + 02800                                 0 NS
        SUSAP KDABK7FL25R  AMIKBE 030RINEEK7EA0EE B    CF IDBFK7      0702014525020034PI  + 02700                                 0 NS
        SUSAP KDABK7FL25R  AOMN   010OMN  K7D 0V       IF                                 18000                                   0 NS
        SUSAP KDABK7FL25R  AOMN   020CUKNUK7EA0E  A    TF OMN K7      06800150        D   + 02700                                 0 NS
        SUSAP KDABK7FL25R  AOMN   030RINEEK7EA0EE BR   AF OMN K7      096801500680    D   + 02700                                 0 NS
        SUSAP KDABK7FL25R  L      010RINEEK7EA0E  I    IF IDBFK7      07020145        PI  + 02700  18000                         0 NS
        SUSAP KDABK7FL25R  L      020DIYAKK7EA0E  F    CF IDBFK7      0702006625000079PI  + 01600                OMN   K7D 0 NS
        SUSAP KDABK7FL25R  L      021BANNRK7EA0E S     CF IDBFK7      0702004925000018PI  + 01040          -301                   0 NS
        SUSAP KDABK7FL25R  L      030RW25RK7PG0GY M    CF IDBFK7      0702001925000030PI    00087          -301                   0 NS
        SUSAP KDABK7FL25R  L      040          0  M    CA                      2502          + 00500                            0 NS
        SUSAP KDABK7FL25R  L      050          0    L  VIY                     1400                                             0 NS
        SUSAP KDABK7FL25R  L      060MIKBEK7EA0EY       CF OMN K7      1605018016050050D   + 02800                                 0 NS
        SUSAP KDABK7FL25R  L      070MIKBEK7EA0EE  R    HM                      3405T010    + 02800                                 0 NS

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

QUALITY

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: **DAYTONA BEACH INTL**	**I-DBF**	**ILS OR LOC RWY 25R, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

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

```
RUNWAY  123456789C123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7GRW25R   0105002502 N29110475W081025250+0000     -0018500032000055150IIDBF1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789C123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7IIDBF1   010970RW25RN29101783W0810448312502N29105800W0810301800807 10340354300W00505500032

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901
        ----------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7SOMN  K7D                0   18018002825                                                                          M
```

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	I-DBF	ILS OR LOC RWY 25R, ORIG	AMDT: NONE
			20 OCT 2011	DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JODAB	JODAB	010	IAF	IF		FB					
	JODAB	CUKNU	020		AF	R	FB		341.6()		AA 02800	
	JODAB	RINEE	030		AF	R	FB		068.0()		AA 02700	
	MIKBE	MIKBE	010	IAF	IF		FB					
	MIKBE	WISPO	020		AF	L	FB		160.5()		AA 02800	
	MIKBE	RINEE	030		CF		FB		250.2()	003.4	AA 02700	
	OMN	OMN	010		IF		FB					
	OMN	CUKNU	020	IAF	TF		FB				AA 02700	
	OMN	RINEE	030		AF	R	FB		068.0()		AA 02700	
		RINEE	010	FACF	IF		FB				AA 02700	
		DIYAK	020	FAF	CF		FB		250.0()	007.9	AA 01600	
		BANNR	021	SDF	CF		FB		250.0()	001.8	AA 01040	
		RW25R	030	MAP	CF		FO		250.0()	003.0	AT 00087	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		250.2()		AA 00500	
		050		VI	L	FB		140.0()			
	MIKBE	060		CF		FO		160.5()	005.0	AA 02800	
	MIKBE	070		HM	R	FO		340.5()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	OMN	N291811.71	W0810645.71	N2918.195	W08106.762
	IDBF (DME)	N291014.75	W0810444.57	N2910.246	W08104.743
	BANNR	N291220.32	W0805945.74	N2912.339	W08059.762
	CUKNU	N292348.75	W0805050.41	N2923.813	W08050.840
	DIYAK	N291304.38	W0805756.73	N2913.073	W08057.946
	JODAB	N293227.75	W0811211.30	N2932.463	W08112.188
	MIKBE	N290110.72	W0805955.07	N2901.179	W08059.918
	RINEE	N291623.11	W0804943.94	N2916.385	W08049.732
	WISPO	N291748.88	W0804610.74	N2917.815	W08046.179
	RW25R	N291104.75	W0810252.50	N2911.079	W08102.875
	IDBF (LOC)	N291017.83	W0810448.31	N2910.297	W08104.805

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25R	00032	55

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	I-DBF	ILS OR LOC RWY 25R, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011
ILS OR LOC RWY 25R DEVELOPED

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 TDZE: 34	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	I-DAB	LOC BC RWY 25R, AMDT 16, 07/05/2007	AMDT 15
				DATE 12/25/2003

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BULLI	PASIY (FB)	130.76 / 20.22	1600
OAKIE	HATAD (FB)	026.40 / 20.04	1600
PASIY (IAF)	WOGAD (FB)	161.30 / 6.80	1600
HATAD (IAF)	WOGAD (FB)	339.36 / 6.80	1600
WOGAD (IF)	DIYAK (FB)	250.33 / 6.80	1600
DIYAK (FAF)	BANNR/3.00 NM TO RW25R (FB)	250.27 / 1.75	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25R

CLIMB TO 1700 DIRECT COCAD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 070.13 INBOUND.
CHART FAS OBST: 198 TOWER 291153N/0810138W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
WAAS CHANNEL # 70327
REFERENCE PATH ID: W25A
CHART: ASR
LTP HAE: -18.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WOGAD
3. FAC: 250.27 FAF: DIYAK DIST FAF TO MAP: 4.75 THLD: 4.75
4. MIN. ALT: WOGAD 1600, DIYAK 1600, BANNR/3.00 NM TO RW25R 1040*, KAPDE/1.50 NM TO RW25R 560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1600 GS ALT AT: DIYAK 1600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS CLEAR
8. MSA FROM: RW25R 2800

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY ==>>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	232	3/4	200	232	3/4	200	232	3/4	200	232	3/4	200			
LNAV/VNAV DA	451	1 3/8	419	451	1 3/8	419	451	1 3/8	419	451	1 3/8	419			
LNAV MDA	460	1	428	460	1	428	460	1 1/4	428	460	1 1/4	428			
CIRCLING	540	1	506	540	1	506	540	1 1/2	506	620	2	586			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 34 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 43C (109F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 25R, AMDT 3 20 OCT 2011	AMDT: 2A DATED 12/20/2007

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BANNR/3.00 NM TO RW25R	KAPDE/1.50 NM TO RW25R (FB)	250.25 / 1.50	
KAPDE/1.50 NM TO RW25R	RW25R (MAP) (FO)	250.25 / 1.50	
RW25R (MAP)	232 MSL	250.25	
232 MSL	COCAD (FO)		1700

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: CIRCLING TO RWY 7R AND 25L NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 25R, AMDT 3 20 OCT 2011	AMDT: 2A DATED: 12/20/2007

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KDAB
RUNWAY	RW25R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	291104.7455N
LTP/FTP LONGITUDE	0810252.4970W
LTP/FTP ELLIPSOIDAL HEIGHT	-00185
FPAP LATITUDE	291021.1900N
FPAP LONGITUDE	0810440.0400W
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	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	23ED41D3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00098
FPAP ORTHOMETRIC HEIGHT	+00098

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 25R, AMDT 3 20 OCT 2011	AMDT: 2A
				DATED: 12/20/2007

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BANNR K70    C     N29122032W080594574                    W0062     NAR           BANNR
        SUSAEAENRT   BULLI K70    R   L N29340212W081124740                    W0061     NAR           BULLI
        SUSAEAENRT   COCAD K70    W     N29055410W081153760                    W0060     NAR           COCAD
        SUSAEAENRT   DIYAK K70    C     N29130438W080575673                    W0062     NAR           DIYAK
        SUSAEAENRT   HATAD K70    W     N29094659W080473119                    W0063     NAR           HATAD
        SUSAEAENRT   KAPDE K70    W     N29114254W081011913                    W0062     NAR           KAPDE
        SUSAEAENRT   OAKIE K70    C   L N28510426W080555235                    W0062     NAR           OAKIE
        SUSAEAENRT   PASIY K70    W     N29220988W080540053                    W0063     NAR           PASIY
        SUSAEAENRT   WOGAD K70    W     N29155530W080505306                    W0063     NAR           WOGAD

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7ADAB      0     105YHN29104770W081032900W005000034          1800018000C     MNAR     DAYTONA BEACH INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7FR25R  ABULLI 010BULLIK7EA0E       IF                                          18000                 A JS
        SUSAP KDABK7FR25R  ABULLI 020PASIYK7EA0E  A 020TF                    13080202    + 01600                       A JS
        SUSAP KDABK7FR25R  ABULLI 030WOGADK7EA0EE B 010TF                    16130068    + 01600                       A JS
        SUSAP KDABK7FR25R  AOAKIE 010OAKIEK7EA0E       IF                                          18000                 A JS
        SUSAP KDABK7FR25R  AOAKIE 020HATADK7EA0E  A 020TF                    02640200    + 01600                       A JS
        SUSAP KDABK7FR25R  AOAKIE 030WOGADK7EA0EE B 010TF                    33940068    + 01600                       A JS
        SUSAP KDABK7FR25R  R      010WOGADK7EA0E  I    IF                                + 01600     18000             A JS
        SUSAP KDABK7FR25R  R      020DIYAKK7EA1E  F 051TF                    25030068    + 01600               RW25R K7PGA JS
        SUSAP KDABK7FR25R  R      020DIYAKK7EA2WALPV       ALNAV/VNAV ALNAV                                             JS
        SUSAP KDABK7FR25R  R      021BANNRK7EA0E S  031TF                    25030018    V 0104001043      -300       A JS
        SUSAP KDABK7FR25R  R      022KAPDEK7EA0E S  031TF                    25030015    V 0056000565      -300       A JS
        SUSAP KDABK7FR25R  R      030RW25RK7PG0GY M 031TF                    25030015      00087           -300       A JS
        SUSAP KDABK7FR25R  R      040         0  M     CA                    2503        + 00232                      A JS
        SUSAP KDABK7FR25R  R      050COCADK7EA0EY      DF                                + 01700                      A JS
        SUSAP KDABK7FR25R  R      060COCADK7EA0EE  L   HM                    07010040    + 01700                      A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 25R, AMDT 3 20 OCT 2011	AMDT: 2A
				DATED: 12/20/2007

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                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7GRW25R   0105002502 N29110475W081025250+0000     -00185000320000551501

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7PR25R  RW25R001 0000W25A0N2911047455W08102524970-001850300N2910211900W0810440040010675000000550F40035023ED41D3
        SUSAP KDABK7PR25R  RW25R002E      +00098+00098LPV       70327

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDABK7SRW25RK7PG              0   18018002825                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 34 THRE: 32	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAYTONA BEACH, FL	AIRPORT NAME: DAYTONA BEACH INTL	RNAV	RNAV (GPS) RWY 25R, AMDT 3 20 OCT 2011	AMDT: 2A
				DATED: 12/20/2007

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
FITZGERALD, GA	FITZGERALD MUNI	20 OCT 2011	1

TAKEOFF MINIMUMS:

RWY 15, 33, NA – ENVIRONMENTAL.
RWY 1, 19 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 1 – CLIMBING RIGHT TURN HEADING 034.89 TO 1000 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1, TREES BEGINNING ABEAM DER, 96 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/464 FT MSL. TREES BEGINNING 329 FT FROM DER, 10 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/455 FT MSL. POWER POLE 414 FT FROM DER, 428 FT RIGHT OF CENTERLINE, 21 FT AGL/381 FT MSL. BUILDING 783 FT FROM DER, 600 FT LEFT OF CENTERLINE, 8 FT AGL/389 FT MSL. POWER POLES BEGINNING 885 FT FROM DER, 229 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/396 FT MSL.

NOTE: RWY 19, TREES BEGINNING 193 FT FROM DER, 452 FT LEFT OF CENTERLINE, UP TO 111 FT AGL/430 FT MSL. TREES BEGINNING 612 FT FROM DER, 379 FT RIGHT OF CENTERLINE, UP TO 83 FT AGL/398 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 1 - 792 FT MSL TOWER 314412.00N/ 0831618.00W.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS OR NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES			
FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1361 TDZE: 1361	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
GREENFIELD, IA	AIRPORT NAME: GREENFIELD MUNI	GFZ	NDB OR GPS RWY 32, AMDT 1, 10/30/2003	AMDT	ORIG
				DATE	8/18/1994

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
LAMONI, IA	LAMONI MUNI	20 OCT 2011	ORIG

TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 18, CLIMB HEADING 177.22 TO 1600 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 36, TREES BEGINNING 1009 FT FROM DER, 267 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1200 FT MSL.

CONTROLLING OBSTACLES:

RWY 18: 1497 FT MSL TOWER 403536.80N/0935526.20W

REMARKS:

CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE ____ 20 OCT 2011

CITY AND STATE	ELEVATION: 6228 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
DRIGGS, ID	DRIGGS-REED MEMORIAL	RNAV	RNAV (GPS) RWY 3, AMDT 1A, 10/27/2005	AMDT ORIG
				DATE 05/12/2005

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
LAMON	EYITA (FB)	205.19 / 25.52	10000
EYITA	RUDTO (FB)	120.25 / 16.94	10000
OLNUE	RUDTO (FB)	342.42 / 18.08	11700
IDA VOR/DME	RUDTO (FB)	084.21 / 31.41	10000
RUDTO (IAF)	TUNOC (FB)	031.67 / 11.00	9800
TUNOC (IF)	VICUP (FB)	345.00 / 4.03	8800
VICUP	FIXOD (FB)	345.00 / 2.00	8200
(SEE FORM 8260-10)			

MISSED APPROACH

LP: DIVVE
LNAV: DIVVE

CLIMB TO 7000 THEN CLIMBING LEFT TURN TO 10000 DIRECT LAMON AND HOLD, CONTINUE CLIMB-IN-HOLD TO 10000.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 085.25 INBOUND.
FAS OBST: 6239 AAO 434038N/1111018W
CHART FAS OBST: 6279 TREE 434412N/1110602W
WAAS CHANNEL # 48827
REFERENCE PATH ID: W03A
6259 AAO 434019N/1111031W
6649 AAO 433936N/1111214W
FIXOD TO RW03: 3.50/48
FAC CROSSES RWY C/L EXTENDED 5100 FROM THLD.
LTP HAE: 1863.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TUNOC
3. FAC: 013.15 FAF: FIXOD DIST FAF TO MAP: 4.59 THLD: 5.39
4. MIN. ALT: TUNOC 9800, VICUP 8800, FIXOD 8200
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: DIVVE 15000

MAG VAR: 15E EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	6500	1	353	6500	1	353	6500	1	353	6500	1	353			
LNAV MDA	6540	1	393	6540	1	393	6540	1 1/8	393	6540	1 1/8	393			
CIRCLING	6760	1	529	6780	1	549	6800	1 1/2	569	6880	2	649			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LAMON ON V298 EASTBOUND
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IDA VOR/DME AIRWAY RADIALS 015 CW 069
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OLNUE ON V485 SOUTHWEST BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 6231 THRE: 6147	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DRIGGS, ID	AIRPORT NAME: DRIGGS-REED MEMORIAL	RNAV	RNAV (GPS) RWY 3, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FIXOD (FAF)	DIVVE (MAP) (FO)	013.15 / 4.59	
DIVVE (MAP)	7000 MSL	013.15	7000
7000 MSL	LAMON (FO)		10000

CITY AND STATE	ELEVATION: 6231 THRE: 6147	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DRIGGS, ID	AIRPORT NAME: DRIGGS-REED MEMORIAL	RNAV	RNAV (GPS) RWY 3, ORIG 20 OCT 2011	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	KDIJ
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	434418.2500N
LTP/FTP LONGITUDE	1110646.1100W
LTP/FTP ELLIPSOIDAL HEIGHT	+18637
FPAP LATITUDE	434536.7800N
FPAP LONGITUDE	1110548.0300W
THRESHOLD CROSSING HEIGHT (TCH)	00048.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.50
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	C5C7811A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+18735
FPAP ORTHOMETRIC HEIGHT	+18735

Bearings, headings, courses, and radials are magnetic. Elevations 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        IDA    K1011385VDHW N43310842W112035010     N43310842W112035010E0150047242     NARIDAHO FALLS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DIVVE K10    W      N43433612W111071724                      E0123     NAR           DIVVE
        SUSAEAENRT   EYITA K10    W      N43380182W111373878                      E0125     NAR           EYITA
        SUSAEAENRT   FIXOD K10    W      N43393320W111101650                      E0123     NAR           FIXOD
        SUSAEAENRT   LAMON K10    C    L N43573413W111145789                      E0124     NAR           LAMON
        SUSAEAENRT   OLNUE K10    C    L N43075505W111200986                      E0123     NAR           OLNUE
        SUSAEAENRT   RUDTO K10    W      N43255880W111211680                      E0124     NAR           RUDTO
        SUSAEAENRT   TUNOC K10    W      N43333120W111101650                      E0123     NAR           TUNOC
        SUSAEAENRT   VICUP K10    W      N43373318W111101650                      E0123     NAR           VICUP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1ADIJ     0      073YHN43443370W111054840E015006231          1800018000C     MNAR     DRIGGS-REED MEMORIAL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1FR03   AIDA   010IDA  K1D 0V       IF                                                  18000                A JS
        SUSAP KDIJK1FR03   AIDA   020RUDTOK1EA0E  A 020TF                    08420314    + 10000                                A JS
        SUSAP KDIJK1FR03   AIDA   030TUNOCK1EA0EE B 010TF                    03170110    + 09800                                A JS
        SUSAP KDIJK1FR03   ALAMON 010LAMONK1EA0E       IF                                                  18000                A JS
        SUSAP KDIJK1FR03   ALAMON 020EYITAK1EA0E    020TF                    20520255    + 10000                                A JS
        SUSAP KDIJK1FR03   ALAMON 030RUDTOK1EA0E  A 020TF                    12030169    + 10000                                A JS
        SUSAP KDIJK1FR03   ALAMON 040TUNOCK1EA0EE B 010TF                    03170110    + 09800                                A JS
        SUSAP KDIJK1FR03   AOLNUE 010OLNUEK1EA0E       IF                                                  18000                A JS
        SUSAP KDIJK1FR03   AOLNUE 020RUDTOK1EA0E  A 020TF                    34240181    + 11700                                A JS
        SUSAP KDIJK1FR03   AOLNUE 030TUNOCK1EA0EE B 010TF                    03170110    + 09800                                A JS
        SUSAP KDIJK1FR03   R      010TUNOCK1EA0E  I    IF                                + 09800     18000                      A JS
        SUSAP KDIJK1FR03   R      011VICUPK1EA0E S  051TF                    34500040    + 08800                                A JS
        SUSAP KDIJK1FR03   R      020FIXODK1EA1E  F 051TF                    34500020    + 08200                 DIVVE K1EAA JS
        SUSAP KDIJK1FR03   R      020FIXODK1EA2WALP        N          ALNAV                                                      JS
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CITY AND STATE	ELEVATION: 6231 THRE: 6147	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DRIGGS, ID	AIRPORT NAME: DRIGGS-REED MEMORIAL	RNAV	RNAV (GPS) RWY 3, ORIG 20 OCT 2011	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
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1FR03    R      030DIVVEK1EA0EY M 031TF                    01320046      06497            -350          A JS
        SUSAP KDIJK1FR03    R      040         0  M     CA                    0132        + 07000                        A JS
        SUSAP KDIJK1FR03    R      050LAMONK1EA0EY  L   DF                                + 10000                        A JS
        SUSAP KDIJK1FR03    R      060LAMONK1EA0EE  R   HM                    08530070    + 10000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1GRW03    0073000332 N43440970W111062547+1100     +1863706147000048100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1PR03    RW03 001 0000W03A0N4344182500W11106461100+186370350N4345367800W1110548030010675000000480F400000C5C7811A
        SUSAP KDIJK1PR03    RW03 002E      +18735+18735LP        48827

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KDIJK1SDIVVEK1EA               0   18018015025                                                          M
```

CITY AND STATE	ELEVATION: 6231 THRE: 6147	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DRIGGS, ID	AIRPORT NAME: DRIGGS-REED MEMORIAL	RNAV	RNAV (GPS) RWY 3, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 388 TDZE: 384	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CARMI, IL	AIRPORT NAME: **CARMI MUNI**	**GPS**	**GPS RWY 36, ORIG-A, 08/24/2006**	AMDT **ORIG**
				DATE **07/15/1999**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WESON (IAF)	UXZOR (NOPT) (FB)	300.35 / 10.84	2100
HORAV (IAF)	UXZOR (NOPT) (FB)	081.10 / 7.00	2100
UXZOR (IF/IAF)	LRLEI (FB)	001.26 / 7.00	2100
LRLEI (FAF)	RW36 (MAP) (FO)	001.26 / 5.27	
RW36 (MAP)	1500 MSL	001.26	1500
1500 MSL	UXZOR (FO)		2100

MISSED APPROACH

LNAV: RW36
LP: RW36

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2100 DIRECT UXZOR AND HOLD.

ADDITIONAL FLIGHT DATA:
FAS OBST: 609 AAO 380109N/0880742W
WAAS CHANNEL # 77625
REFERENCE PATH ID: W36A
LRLEI TO RW36: 3.00/40.
LTP HAE: 86.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S UXZOR, RT, 001.26 INBOUND, 2100 FT. IN LIEU OF PT (IAF)
3. FAC: 001.26 FAF: LRLEI DIST FAF TO MAP: 5.27 THLD: 5.27
4. MIN. ALT: UXZOR 2100, LRLEI 2100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW36 2200

MAG VAR: 1W EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	880	1	497	880	1	497	880	1 3/8	497		NA				
LNAV MDA	880	1	497	880	1	497	880	1 3/8	497		NA				
CIRCLING	880	1	492	880	1	492	900	1 1/2	512		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 WESON ON V11-47-305 NORTHEAST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 388 THRE: 383	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CARMI, IL	AIRPORT NAME: CARMI MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND INCREASE ALL CAT C VISIBILITIES TO 1 5/8 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 388 THRE: 383	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARMI, IL	AIRPORT NAME: **CARMI MUNI**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 20 OCT 2011	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	KCUL
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	380502.3490N
LTP/FTP LONGITUDE	0880723.1160W
LTP/FTP ELLIPSOIDAL HEIGHT	+00861
FPAP LATITUDE	380631.5500N
FPAP LONGITUDE	0880722.6100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DF8A09C8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01167
FPAP ORTHOMETRIC HEIGHT	+01167

QUALITY 4 CHECKED

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HORAV K50    C   L N37513368W088160993                    W0024     NAR           HORAV
        SUSAEAENRT   LRLEI K50    W     N37594604W088072493                    W0025     NAR           LRLEI
        SUSAEAENRT   UXZOR K50    C   L N37524564W088072734                    W0025     NAR           UXZOR
        SUSAEAENRT   WESON K50    C   L N37472714W087553148                    W0026     NAR           WESON

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCULK5ACUL     0     040YHN38052213W088072302W001000388         1800018000C    MNAR    CARMI MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCULK5FR36   AHORAV 010HORAVK5EA0E  A    IF                                          18000                A JS
        SUSAP KCULK5FR36   AHORAV 020UXZORK5EA0EE B 010TF                    08110070    + 02100                       A JS
        SUSAP KCULK5FR36   AUXZOR 010UXZORK5EA0EE AR   HF                    00130040    + 02100     18000             A JS
        SUSAP KCULK5FR36   AWESON 010WESONK5EA0E  A    IF                                          18000             A JS
        SUSAP KCULK5FR36   AWESON 020UXZORK5EA0EE B 010TF                    30040108    + 02100                       A JS
        SUSAP KCULK5FR36   R      010UXZORK5EA0E  I    IF                                + 02100     18000             A JS
        SUSAP KCULK5FR36   R      020LRLEIK5EA1E  F 051TF                    00130070    + 02100                RW36   K5PGA JS
        SUSAP KCULK5FR36   R      020LRLEIK5EA2WALP        N          ALNAV                                              JS
        SUSAP KCULK5FR36   R      030RW36 K5PG0GY M 031TF                    00130053      00423           -300          A JS
        SUSAP KCULK5FR36   R      040         0  M     CA                    0013        + 01500                       A JS
        SUSAP KCULK5FR36   R      050UXZORK5EA0EY  R   DF                                + 02100                       A JS
        SUSAP KCULK5FR36   R      060UXZORK5EA0EE  R   HM                    00130040    + 02100                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCULK5GRW36    0040010013 N38050235W088072312+0100    +00861003830000400 75R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCULK5PR36   RW36 001 0000W36A0N3805023490W08807231160+008610300N3806315500W088072261001067515280000400F400500DF8A09C8
        SUSAP KCULK5PR36   RW36 002E      +01167+01167LP        77625
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 388 THRE: 383	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARMI, IL	AIRPORT NAME: CARMI MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	AMDT: NONE DATED:

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KCULK5SRW36 K5PG                0   18018002225                                                                   M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 388 THRE: 383	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CARMI, IL	AIRPORT NAME: CARMI MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
CARMI, IL	CARMI MUNI	20 OCT 2011	2

TAKEOFF MINIMUMS:

RWY 18, 36, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, TREE 4,288 FT FROM DER, 930 FT RIGHT OF CENTERLINE, 100 FT AGL/499 FT MSL.
NOTE: RWY 36, TREE 3,078 FT FROM DER, 41 FT LEFT OF CENTERLINE, 100 FT AGL/499 FT MSL.

CONTROLLING OBSTACLES:

QUALITY A CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TKO VORTAC	RPB NDB	078.96 / 27.85	3400
SLN VORTAC	RPB NDB	351.19 / 53.27	4500
FAZED INT	RPB NDB	168.85 / 6.66	3200

MISSED APPROACH

MAP: RPB NDB

CLIMB TO 3200 THEN LEFT TURN DIRECT RPB NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 168.08 INBOUND.
FAS OBST: 1899 AAO 395807N/0974226W
FAC CROSSES RWY C/L EXTENDED 3003 FROM THLD.

1. PT R SIDE OF COURSE 348.08 OUTBOUND 3200 FT WITHIN 10 MILES OF RPB NDB (IAF)
2.
3. FAC 168.08 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: RPB NDB 3900

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-18	2300	1	776	2300	1 1/4	776	2300	2 1/2	776		NA				
CIRCLING	2300	1	762	2300	1 1/4	762	2300	2 1/2	762		NA				

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 36 NA AT NIGHT.
CHART NOTE: USE CONCORDIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE HEBRON ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

QUALITY

CITY AND STATE	ELEVATION: 1538 THRE: 1524 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
BELLEVILLE, KS	BELLEVILLE MUNI	RPB	NDB RWY 18, AMDT 5 20 OCT 2011	SUP NDB OR GPS RWY 18 AMDT 4 DATE 05/10/2007

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLN VORTAC	RPB NDB	351.19 / 53.27	4500
TKO VORTAC	RPB NDB	078.96 / 27.85	3400
FAZED INT	RPB NDB	168.85 / 6.66	3200

MISSED APPROACH

MAP: RPB NDB

CLIMB TO 3200 THEN LEFT TURN DIRECT RPB NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 008.85 INBOUND.
CHART FAS OBST: 1817 TOWER 394145N/0974022W
FAC CROSSES RWY C/L EXTENDED 3001 FROM THLD.

1. PT R SIDE OF COURSE 188.85 OUTBOUND 3200 FT WITHIN 10 MILES OF RPB NDB (IAF)
2.
3. FAC 008.85 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: RPB NDB 3900

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-36	2280	1	742	2280	1 1/4	742	2280	2	742		NA				
CIRCLING	2280	1	742	2280	1 1/4	742	2280	2 1/4	742		NA				

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: USE CONCORDIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE HEBRON ALTIMETER SETTING AND INCREASE ALL MDA 20 FT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 36
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RPB	NDB RWY 36, AMDT 5 20 OCT 2011	AMDT 4A
				DATE 06/04/2009

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GADWY (IAF)	FEBNO (NOPT) (FB)	218.48 / 31.45	3400
FEBNO (IF/IAF)	WUPIK (FB)	174.54 / 6.20	3200
WUPIK (FAF)	ATIJA/2.80 NM TO RW18 (FB)	174.51 / 2.33	
ATIJA/2.80 NM TO RW18	RW18 (MAP) (FO)	174.51 / 2.80	
RW18 (MAP)	2300 MSL	174.51	2300
2300 MSL	FEBNO (FO)		3400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 2300 THEN CLIMBING LEFT TURN TO 3400 DIRECT FEBNO AND HOLD.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1675 TREE 395004N/0974020W
CHART FAS OBST: 1725 TREE 395219N/0973954W
DISTANCE TO THLD FROM 295 HATH: 0.80 NM.
WAAS CHANNEL # 87025
REFERENCE PATH ID: W18A
LTP HAE: 437.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N FEBNO, RT, 174.51 INBOUND, 3400 FT. IN LIEU OF PT (IAF)
3. FAC: 174.51 FAF: WUPIK DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: FEBNO 3400, WUPIK 3200, ATIJA/2.80 NM TO RW18 2440*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3200 GS ALT AT: WUPIK 3200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS NOT CLEAR
8. MSA FROM: RW18 3900

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1819	1	295	1819	1	295	1819	1	295		NA				
LNAV/VNAV DA	1890	1 1/4	366	1890	1 1/4	366	1890	1 1/4	366		NA				
LNAV MDA	2020	1	496	2020	1	496	2020	1 3/8	496		NA				
CIRCLING	2020	1	482	2020	1	482	2020	1 1/2	482		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 36 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: USE CONCORDIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE HEBRON ALTIMETER SETTING AND INCREASE ALL DA 12 FEET AND ALL MDA 20 FEET.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1524 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 20 OCT 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GADWY ON V50 EASTBOUND.
***LNAV ONLY**

QUALITY 3 CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1524	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: **BELLEVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 18, ORIG** 20 OCT 2011	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	KRPB
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	394923.4700N
LTP/FTP LONGITUDE	0973936.5800W
LTP/FTP ELLIPSOIDAL HEIGHT	+04378
FPAP LATITUDE	394754.3300N
FPAP LONGITUDE	0973939.6300W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	055AB90B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04645
FPAP ORTHOMETRIC HEIGHT	+04645

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1524	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATIJA K30    W     N39521155W097393083                    E0045     NAR           ATIJA
        SUSAEAENRT   FEBNO K30    W     N40004357W097391327                    E0044     NAR           FEBNO
        SUSAEAENRT   GADWY K30    C   L N40225127W097100219                    E0041     NAR           GADWY
        SUSAEAENRT   WUPIK K30    W     N39543164W097392603                    E0045     NAR           WUPIK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3ARPB      0     035YHN39490394W097393451E007001538         1800018000C    MNAR    BELLEVILLE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3FR18   AFEBNO 010FEBNOK3EA0EE AR   HF                    17450040    + 03400     18000                A JS
        SUSAP KRPBK3FR18   AGADWY 010GADWYK3EA0E  A    IF                                        18000                A JS
        SUSAP KRPBK3FR18   AGADWY 020FEBNOK3EA0EE B 010TF                    21850315    + 03400                          A JS
        SUSAP KRPBK3FR18   R      010FEBNOK3EA0E  I    IF                              + 03400     18000                A JS
        SUSAP KRPBK3FR18   R      020WUPIKK3EA1E  F 051TF                    17450062    + 03200                RW18  K3PGA JS
        SUSAP KRPBK3FR18   R      020WUPIKK3EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KRPBK3FR18   R      021ATIJAK3EA0E S  031TF                    17450023    V 0244002457       -300          A JS
        SUSAP KRPBK3FR18   R      030RW18 K3PG0GY M 031TF                    17450028      01565            -300          A JS
        SUSAP KRPBK3FR18   R      040         0  M     CA                    1745        + 02300                          A JS
        SUSAP KRPBK3FR18   R      050FEBNOK3EA0EY  L   DF                              + 03400                          A JS
        SUSAP KRPBK3FR18   R      060FEBNOK3EA0EE  R   HM                    17450040    + 03400                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3GRW18    0035001745 N39492347W097393658+0400    +043780152400004l060R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3PR18   RW18 001 0000W18A0N3949234700W09739365800+043780300N3947543300W0973939630010675168000041OF400500055AB90B
        SUSAP KRPBK3PR18   RW18 002E      +04645+04645LPV       87025
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1524	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 20 OCT 2011	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 KRPBK3SRW18 K3PG                0   18018003925                                                                M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1524	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 18, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SLN VORTAC (IAF)	ZANPU (FB)	350.12 / 42.03	3400
ZANPU (IF)	YISYU (FB)	354.51 / 6.20	3200
YISYU (FAF)	UMHOY/1.90 NM TO RW36 (FB)	354.51 / 3.19	
UMHOY/1.90 NM TO RW36	RW36 (MAP) (FO)	354.51 / 1.90	
RW36 (MAP)	1920 MSL	354.51	
1920 MSL	FEBNO (FO)		3400

MISSED APPROACH

LP: RW36
LNAV: RW36

CLIMB TO 3400 DIRECT FEBNO AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 174.51 INBOUND.
CHART FAS OBST: 1615 TREE 394706N/0974000W
CHART FAS OBST: 1625 TREE 394737N/0974001W
WAAS CHANNEL # 69425
REFERENCE PATH ID: W36A
YISYU TO RW36: 3.00/40.6.
LTP HAE: 442.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZANPU
3. FAC: 354.51 FAF: YISYU DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: ZANPU 3400, YISYU 3200, UMHOY/1.90 NM TO RW36 2180
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: RW36 3900

MAG VAR: 7E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1920	1	382	1920	1	382	1920	1 1/8	382		NA				
LNAV MDA	1920	1	382	1920	1	382	1920	1 1/8	382		NA				
CIRCLING	2020	1	482	2020	1	482	2020	1 1/2	482		NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: USE CONCORDIA ALTIMETER SETTING; WHEN NOT RECEIVED, USE HEBRON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON SLN VORTAC AIRWAY RADIALS 273 CW 075.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	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	KRPB
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	394848.9000N
LTP/FTP LONGITUDE	0973937.7600W
LTP/FTP ELLIPSOIDAL HEIGHT	+04421
FPAP LATITUDE	395018.0400N
FPAP LONGITUDE	0973934.7100W
THRESHOLD CROSSING HEIGHT (TCH)	00040.6
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	C8A1ABF1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04688
FPAP ORTHOMETRIC HEIGHT	+04688

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	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        SLN   K3011710VTHA N38553054W097371691    N38553054W097371691E0070013102     NARSALINA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FEBNO K30    W     N40004357W097391327                    E0045     NAR          FEBNO
        SUSAEAENRT   UMHOY K30    W     N39465485W097394166                    E0045     NAR          UMHOY
        SUSAEAENRT   YISYU K30    W     N39434329W097394819                    E0045     NAR          YISYU
        SUSAEAENRT   ZANPU K30    W     N39373118W097400086                    E0045     NAR          ZANPU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3ARPB     0     035YHN39490394W097393451E007001538         1800018000C    MNAR    BELLEVILLE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3FR36   ASLN   010SLN  K3D 0V  A    IF                                                18000                A JS
        SUSAP KRPBK3FR36   ASLN   020ZANPUK3EA0EE B 010TF                    35010420    + 03400                               A JS
        SUSAP KRPBK3FR36   R      010ZANPUK3EA0E  I    IF                               + 03400     18000                     A JS
        SUSAP KRPBK3FR36   R      020YISYUK3EA1E  F 051TF                    35450062    + 03200                 RW36  K3PGA JS
        SUSAP KRPBK3FR36   R      020YISYUK3EA2WALP        N          ALNAV                                                  JS
        SUSAP KRPBK3FR36   R      021UMHOYK3EA0E S  031TF                    35450032    V 0218002184        -300          A JS
        SUSAP KRPBK3FR36   R      030RW36 K3PG0GY M 031TF                    35450019      01579             -300          A JS
        SUSAP KRPBK3FR36   R      040         0  M     CA                    3545        + 01920                         A JS
        SUSAP KRPBK3FR36   R      050FEBNOK3EA0EY       DF                               + 03400                         A JS
        SUSAP KRPBK3FR36   R      060FEBNOK3EA0EE  R    HM                    17450040    + 03400                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KRPBK3GRW36     0035003545 N39484890W097393776-0400     +04421015380000041060R
```

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: BELLEVILLE MUNI	RNAV	RNAV (GPS) RWY 36, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP    123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KRPBK3PR36   RW36 001 0000W36A0N3948489000W09739377600+044210300N395018040OW0973934710010675168000040 6F400000C8A1ABF1
      SUSAP KRPBK3PR36   RW36 002E      +04688+04688LP        69425

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
      ------------------------------------------------------------------------------------------------------------------------------------
      SUSAP KRPBK3SRW36 K3PG              0   18018003925                                                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1538 THRE: 1538	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
BELLEVILLE, KS	AIRPORT NAME: **BELLEVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 36, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
BELLEVILLE, KS	BELLEVILLE MUNI	20 OCT 2011	ORIG

TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD.
RWY 14, 32 NA – ENVIRONMENTAL.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, POWER POLE 16 FT FROM DER, 394 FT LEFT OF CENTERLINE, 37 FT AGL/1557 FT MSL. WIND SOCK AND BUILDINGS 33 FT FROM DER, 374 FT LEFT OF CENTERLINE, 60 FT AGL/1570 FT MSL. BEACON 136 FT FROM DER, 488 FT LEFT OF CENTERLINE, 69 FT AGL/1579 FT MSL. TREES AND POWER POLE BEGINNING 129 FT FROM DER, 397 FT LEFT OF CENTERLINE, 66 FT AGL/1576 FT MSL. TREE ROW 371 FT FROM DER, 162 FT LEFT OF CENTERLINE, 48 FT AGL/1558 FT MSL. TREES 354 FT FROM DER, 464 FT LEFT OF CENTERLINE, 62 FT AGL/1572 FT MSL.

NOTE: RWY 36, TRAIN 693 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, 23 FT AGL/1552 FT MSL. TREES BEGINNING 240 FT FROM DER 285 FT RIGHT OF CENTERLINE, 36 FT AGL/1546 FT MSL. TREE LINE 710 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, 45 FT AGL/1545 FT MSL.

CONTROLLING OBSTACLES:

REMARKS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 966 TDZE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OTTAWA, KS	AIRPORT NAME:	GPS	GPS RWY 17, ORIG-A, 05/01/2000	AMDT ORIG
	OTTAWA MUNI			DATE 09/09/1999

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: N A

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

CITY AND STATE	ELEVATION: 966 TDZE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	GPS	GPS RWY 35, ORIG, 09/09/1999	AMDT NONE
				DATE

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
DODSN	ETIRY (FO)	261.98 / 10.09	2900
RUGBB	YUING (FB)	193.31 / 10.00	3100
YUING (IAF)	ETIRY (NOPT) (FB)	193.26 / 8.48	2900
JHAWK (IAF)	ETIRY (NOPT) (FB)	121.21 / 9.66	2900
ETIRY (IF/IAF)	ILLIV (FB)	175.80 / 5.55	2600
ILLIV (FAF)	AMUME/2.00 NM TO RW17 (FB)	175.80 / 2.45	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW17
LNAV: RW17

CLIMB TO 2900 DIRECT AVIGE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.80 INBOUND.
CHART FAS OBST: 1079 TREE 383305N/0951431W
CHART FAS OBST: 1011 POLE 383302N/0951509W
WAAS CHANNEL # 86726
REFERENCE PATH ID: W17A
ILLIV TO RW17: 3.38/40.
CHART NEW CENTURY AIRCENTER ASOS.
LTP HAE: 262.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ETIRY, RT, 175.80 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 175.80 FAF: ILLIV DIST FAF TO MAP: 4.45 THLD: 4.45
4. MIN. ALT: ETIRY 2900, ILLIV 2600, AMUME/2.00 NM TO RW17 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: RW17 3100

MAG VAR: 4E EPOCH YEAR: 2000

MINIMUMS

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

ALTERNATE: N A X

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1400	1	436	1400	1	436	1400	1 1/4	436		NA				
LNAV MDA	1440	1	476	1440	1	476	1440	1 3/8	476		NA				
CIRCLING	1600	1	634	1600	1	634	1600	1 3/4	634		NA				

NOTES:
CHART NOTE: USE NEW CENTURY AIRCENTER ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAWRENCE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND LP CAT C VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI		RNAV (GPS) RWY 17, ORIG 20 OCT 2011	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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
AMUME/2.00 NM TO RW17	RW17 (MAP) (FO)	175.80 / 2.00	
RW17 (MAP)	1366 MSL	175.80	
1366 MSL	AVIGE (FO)		2900

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DODSN ON V71 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT RUGBB ON V508 WESTBOUND.

CITY AND STATE	ELEVATION: 966 THRE: 964 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	OTTAWA MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	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	KOWI
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	383244.2900N
LTP/FTP LONGITUDE	0951507.6600W
LTP/FTP ELLIPSOIDAL HEIGHT	+02622
FPAP LATITUDE	383115.1000N
FPAP LONGITUDE	0951507.2600W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.38
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	D551B623

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02939
FPAP ORTHOMETRIC HEIGHT	+02939

Bearings, headings, courses, and radials are magnetic. Elevations 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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AMUME K30    W     N38344441W095150819                    E0028     NAR          AMUME
        SUSAEAENRT   AVIGE K30    W     N38215919W095150480                    E0028     NAR          AVIGE
        SUSAEAENRT   DODSN K30    R   L N38432813W095021841                    E0026     NAR          DODSN
        SUSAEAENRT   ETIRY K30    W     N38424489W095151034                    E0028     NAR          ETIRY
        SUSAEAENRT   ILLIV K30    W     N38371136W095150885                    E0028     NAR          ILLIV
        SUSAEAENRT   JHAWK K30    C   L N38481985W095251538                    E0029     NAR          JHAWK
        SUSAEAENRT   RUGBB K30    C   L N39002472W095080895                    E0027     NAR          RUGBB
        SUSAEAENRT   YUING K30    W     N38505129W095115743                    E0027     NAR          YUING
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3AOW1     0     045YHN38322056W095150994E004000966         1800018000C    MNAR    OTTAWA MUNI
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3FR17   ADODSN 010DODSNK3EA0E       IF                                                18000                A JS
        SUSAP KOWIK3FR17   ADODSN 020ETIRYK3EA0EY   020TF                    26200101    + 02900                                A JS
        SUSAP KOWIK3FR17   ADODSN 030ETIRYK3EA0EE AR   HF                    17580040    + 02900                                A JS
        SUSAP KOWIK3FR17   AJHAWK 010JHAWKK3EA0E  A    IF                                                18000                A JS
        SUSAP KOWIK3FR17   AJHAWK 020ETIRYK3EA0EE B 010TF                    12120097    + 02900                                A JS
        SUSAP KOWIK3FR17   ARUGBB 010RUGBBK3EA0E       IF                                                18000                A JS
        SUSAP KOWIK3FR17   ARUGBB 020YUINGK3EA0E  A 020TF                    19330100    + 03100                                A JS
        SUSAP KOWIK3FR17   ARUGBB 030ETIRYK3EA0EE B 010TF                    19330085    + 02900                                A JS
        SUSAP KOWIK3FR17   R      010ETIRYK3EA0E  I    IF                                + 02900     18000                      A JS
        SUSAP KOWIK3FR17   R      020ILLIVK3EA1E  F 051TF                    17580056    + 02600                  RW17  K3PGA JS
        SUSAP KOWIK3FR17   R      020ILLIVK3EA2WALP        N          ALNAV                                                      JS
        SUSAP KOWIK3FR17   R      021AMUMEK3EA0E S  031TF                    17580025    V 0172001722        -338              A JS
        SUSAP KOWIK3FR17   R      030RW17 K3PG0GY M 031TF                    17580020      01004             -338              A JS
        SUSAP KOWIK3FR17   R      040         0  M     CA                    1758        + 01366                                A JS
        SUSAP KOWIK3FR17   R      050AVIGEK3EA0EY      DF                                + 02900                                A JS
        SUSAP KOWIK3FR17   R      060AVIGEK3EA0EE  R   HM                    35580040    + 02900                                A JS
```

CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE DATED:

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOWIK3GRW17    0045001758 N38324429W095150766+0000    +0262200964000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOWIK3PR17   RW17 001 0000W17A0N3832442900W09515076600+026220338N3831151000W095150726001067513760004 00F400000D551B623
          SUSAP KOWIK3PR17   RW17 002E      +02939+02939LP        86726

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOWIK3SRW17 K3PG               0   18018003125                                                              M
```

CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ERXOL (IAF)	AVIGE (NOPT) (FB)	310.90 / 7.13	2900
UDCOS (IAF)	AVIGE (NOPT) (FB)	046.39 / 7.64	2900
AVIGE (IF/IAF)	EGVOW (FB)	355.80 / 4.99	2600
EGVOW (FAF)	OSCEO/1.70 NM TO RW35 (FB)	355.80 / 3.31	
OSCEO/1.70 NM TO RW35	RW35 (MAP) (FO)	355.80 / 1.70	
RW35 (MAP)	1340 MSL	355.80	
1340 MSL	ETIRY (FO)		2900

MISSED APPROACH

LP: RW35
LNAV: RW35

CLIMB TO 2900 DIRECT ETIRY AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S AVIGE, RT, 355.80 INBOUND, 2900 FT. IN LIEU OF PT (IAF)
3. FAC: 355.80 FAF: EGVOW DIST FAF TO MAP: 5.01 THLD: 5.01
4. MIN. ALT: AVIGE 2900, EGVOW 2600, OSCEO/1.70 NM TO RW35 1540
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 3100

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 175.80 INBOUND.
CHART FAS OBST: 1009 TREE 383030N/0951516W
1219 AAO 382643N/0951336W
1209 AAO 382708N/0951432W
WAAS CHANNEL # 62925
REFERENCE PATH ID: W35A
EGVOW TO RW35: 3.00/40.
CHART NEW CENTURY AIRCENTER ASOS.
LTP HAE: 262.1 M

MAG VAR: 4E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1340	1	376	1340	1	376	1340	1	376		NA				
LNAV MDA	1340	1	376	1340	1	376	1340	1	376		NA				
CIRCLING	1600	1	634	1600	1	634	1600	1 3/4	634		NA				

NOTES:
CHART NOTE: USE NEW CENTURY AIRCENTER ALTIMETER SETTING; WHEN NOT RECEIVED, USE LAWRENCE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, INCREASE LP AND LNAV CAT C VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 966 THRE: 964 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	OTTAWA MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	AMDT: NONE DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
OTTAWA, KS	**ELEVATION: 966** **THRE: 964** AIRPORT NAME: **OTTAWA MUNI**	**RNAV**	**RNAV (GPS) RWY 35, ORIG** 20 OCT 2011	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	KOWI
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	383159.8100N
LTP/FTP LONGITUDE	0951507.4600W
LTP/FTP ELLIPSOIDAL HEIGHT	+02621
FPAP LATITUDE	383329.0000N
FPAP LONGITUDE	0951507.8600W
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	1376
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	8C66EFFB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02938
FPAP ORTHOMETRIC HEIGHT	+02938

CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	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   AVIGE K30    W      N38215919W095150480                    E0028     NAR           AVIGE
        SUSAEAENRT   EGVOW K30    W      N38265877W095150612                    E0028     NAR           EGVOW
        SUSAEAENRT   ERXOL K30    C    L N38165686W095083924                    E0027     NAR           ERXOL
        SUSAEAENRT   ETIRY K30    W      N38424489W095151034                    E0028     NAR           ETIRY
        SUSAEAENRT   OSCEO K30    W      N38301771W095150701                    E0028     NAR           OSCEO
        SUSAEAENRT   UDCOS K30    C    L N38170687W095223374                    E0029     NAR           UDCOS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3AOWI     0     045YHN38322056W095150994E004000966         1800018000C    MNAR    OTTAWA MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3FR35   AAVIGE 010AVIGEK3EA0EE AR   HF                    35580040    + 02900     18000                A JS
        SUSAP KOWIK3FR35   AERXOL 010ERXOLK3EA0E  A    IF                                        18000                A JS
        SUSAP KOWIK3FR35   AERXOL 020AVIGEK3EA0EE B 010TF                     31090071    + 02900                          A JS
        SUSAP KOWIK3FR35   AUDCOS 010UDCOSK3EA0E  A    IF                                        18000                A JS
        SUSAP KOWIK3FR35   AUDCOS 020AVIGEK3EA0EE B 010TF                     04640076    + 02900                          A JS
        SUSAP KOWIK3FR35   R      010AVIGEK3EA0E  I    IF                                  + 02900     18000                A JS
        SUSAP KOWIK3FR35   R      020EGVOWK3EA1E  F 051TF                     35580050    + 02600                RW35  K3PGA JS
        SUSAP KOWIK3FR35   R      020EGVOWK3EA2WALP       N          ALNAV                                                 JS
        SUSAP KOWIK3FR35   R      021OSCEOK3EA0E S  031TF                     35580033    V 0154001545       -300          A JS
        SUSAP KOWIK3FR35   R      030RW35 K3PG0GY M 031TF                     35580017      01004            -300          A JS
        SUSAP KOWIK3FR35   R      040         0  M     CA                     3558        + 01340                          A JS
        SUSAP KOWIK3FR35   R      050ETIRYK3EA0EY       DF                                + 02900                          A JS
        SUSAP KOWIK3FR35   R      060ETIRYK3EA0EE  R    HM                    17580040    + 02900                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3GRW35    0045003558 N38315981W095150746+0000     +026210096400004007 5R
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CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3PR35   RW35 001 0000W35A0N3831598100W09515074600+026210300N3833290000W0951507860010675137600040 0F4000008C66EFFB
        SUSAP KOWIK3PR35   RW35 002E      +02938+02938LP        62925

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KOWIK3SRW35 K3PG                0   18018003125                                                                    M
```

CITY AND STATE	ELEVATION: 966 THRE: 964	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
OTTAWA, KS	AIRPORT NAME: OTTAWA MUNI	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
OTTAWA, KS	OTTAWA MUNI	20 OCT 2011	1

TAKEOFF MINIMUMS:

RWY 13,31 NA-ENVIRONMENTAL
RWY 17 STANDARD
RWY 35 400-3 OR STANDARD WITH MINMUM CLIMB OF 220 FEET PER NM TO 1400.

TEXTUAL DEPARTURE PROCEDURES:

RWY 35-CLIMB HEADING 355.80 TO 1600 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 35, POLE 1792 FT FROM DER, 100 FEET LEFT OF CENTERLINE, 48 FT AGL/1011 FT MSL.

CONTROLLING OBSTACLES:

RWY 35: 1335 MSL TOWER 383504.00N-0951558.00W
OBSTACLE MANDATING ODP ROUTE DEVELOPMENT:
RWY 35-1382 MSL TOWER 383519.94N-0951404.16W

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TOP VORTAC	SELMO INT	230.00 / 11.54	3700
RIPLY LOM	SELMO INT	311.97 / 11.63	3700

MISSED APPROACH

MAP: 5.01 MILES AFTER SELMO INT

CLIMB TO 3700 DIRECT RIPLY LOM AND HOLD, CONTINUE CLIMB -IN-HOLD TO 3700.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 312.05 INBOUND.
CHART FAS OBST: 1269 TREE 385721N/0954224W
SELMO TO RW13: 2.97/57.

1. PT L SIDE OF COURSE 311.97 OUTBOUND 3700 FT WITHIN 10 MILES OF SELMO INT (IAF)
2.
3. FAC 131.97 FAF SELMO INT DIST FAF TO MAP 5.01 THLD 5.01
4. MIN. ALT SELMO INT 2700, ZAGLU INT 1680*
8. MSA FROM: FO LOM 360-260 3100, 260-360 3700

MAG VAR: 5E EPOCH YEAR:1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-13	1680	3/4	617	1680	3/4	617	1680	1 1/2	617	1680	1 1/2	617			
CIRCLING	1680	1	602	1680	1	602	1680	1 3/4	602	1680	2	602			
ZAGLU FIX MINIMUMS															
S-13	1580	3/4	517	1580	3/4	517	1580	1 1/4	517	1580	1 1/4	517			
CIRCLING	1580	1	502	1580	1	502	1580	1 1/2	502	1640	2	562			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PHILIP BILLARD MUNI ALTIMETER SETTING INCREASE ALL MDA 60 FEET AND INCREASE ALL S-13 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE.
CHART NOTE: FOR INOPERATIVE SALS, INCREASE S-13 CAT D VISIBILITY 1/4 MILE; ZAGLU FIX MINIMUMS: INCREASE S-13 CATS C/D VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CHECKED

CITY AND STATE	ELEVATION: 1078 THRE: 1063	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
TOPEKA, KS	AIRPORT NAME: FORBES FIELD	FO	NDB RWY 13, AMDT 7 20 OCT 2011	AMDT 6
				DATE 04/13/2006

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: FOR INOPERATIVE SALS, WHEN USING PHILIP BILLARD MUNI ALTIMETER SETTING, INCREASE S-13 CATS C/D VISIBILITY 3/8 MILE; ZAGLU FIX MINIMUMS: INCREASE S-13 CATS C/D VISIBILITY 5/8 MILE.
CHART PROFILE NOTE: *1740 WHEN USING PHILIP BILLARD MUNI ALTIMETER SETTING.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
TOPEKA, KS	**ELEVATION: 1078** **THRE: 1063** AIRPORT NAME: **FORBES FIELD**	**FO**	**NDB RWY 13, AMDT 7** 20 OCT 2011	SUP: AMDT: **6** DATED: **04/13/2006**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LLA VOR/DME	BNZ NDB	024.68 / 27.16	2000
LFT VORTAC	BNZ NDB	217.61 / 10.46	2000
MICRO INT	BNZ NDB	125.75 / 11.66	2000

MISSED APPROACH

MAP: 5.09 MILES AFTER BNZ NDB

CLIMBING RIGHT TURN TO 2000 ON HEADING 190 AND ON LFT VORTAC R-197 TO NOTTA INT AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMBING RIGHT TURN TO 2000 DIRECT BNZ NDB AND HOLD NW, RT, 156.63 INBOUND.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 017.08 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW BNZ NDB, RT, 156.63 INBOUND.
CHART FAS OBST: 367 TOWER 300224N/0920737W
CHART IN PLANVIEW: BNZ NDB.
BNZ NDB TO RW16: 3.02/50.
CHART: MAX 6000 AT BNZ NDB.

1. PT L SIDE OF COURSE 336.63 OUTBOUND 2000 FT WITHIN 10 MILES OF BNZ NDB (IAF)
2.
3. FAC 156.63 FAF BNZ NDB DIST FAF TO MAP 5.09 THLD 5.09
4. MIN. ALT BNZ NDB 1700
8. MSA FROM: BNZ NDB 2900

MAG VAR: 2E EPOCH YEAR:2005

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-16	560	1	544	560	1	544	560	1 5/8	544		NA				
CIRCLING	560	1	544	560	1	544	620	1 3/4	604		NA				

NOTES:

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 16 PROCEDURE NA AT NIGHT.
CHART NOTE: ADF REQUIRED.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: ADF REQUIRED.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 16 THRE: 16 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ABBEVILLE, LA	ABBEVILLE CHRIS CRUSTA MEMORIAL	I-IYA	LOC RWY 16, ORIG 20 OCT 2011	AMDT NONE DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 NEW IBERIA ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, AND S-16 CAT C VISIBILITY 1/8 MILE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 16 THRE: 16	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ABBEVILLE, LA	AIRPORT NAME: **ABBEVILLE CHRIS CRUSTA MEMORIAL**	**I-IYA**	**LOC RWY 16, ORIG** 20 OCT 2011	AMDT: **NONE**
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
STELA INT	GBR NDB	256.01 / 12.61	4900
GBR NDB	UGLAH INT	166.00 / 5.00	4900
PWL VOR/DME (IAF)	PETEQ INT (NOPT)	054.73 / 20.56	4000
PETEQ INT (IF)	UGLAH INT	346.00 / 5.99 (GBR BRG-166)	3600

MISSED APPROACH

MAP: GBR NDB

CLIMB TO 3000 THEN CLIMBING RIGHT TURN TO 3900 DIRECT GBR NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 166.00 INBOUND.
FAS OBST: 1466 AAO 420841N/0732024W
FINAL APPROACH COURSE AIMING POINT GBR NDB.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S UGLAH, LT, 346.00 INBOUND, 3900 FT. IN LIEU OF PT (IAF)
3. FAC 346.00 FAF UGLAH INT DIST FAF TO MAP ____ THLD ____
4. MIN. ALT UGLAH INT 3600
8. MSA FROM: GBR NDB 4500

MAG VAR: 14W EPOCH YEAR:1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1840	1 1/4	1101	1840	1 1/2	1101		NA			NA				

NOTES:

CHART NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF; WHEN NOT RECEIVED, USE PITTSFIELD ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PWL VOR/DME AIRWAY RADIALS 055 CW 071.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 739 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
GREAT BARRINGTON, MA	WALTER J. KOLADZA	GBR	NDB-A, AMDT 6 20 OCT 2011	SUP NDB OR GPS-A AMDT 5 DATE 12/22/2005

FAA FORM 8260-5 / April 2006 (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. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
GLADWIN, MI	GLADWIN ZETTEL MEMORIAL	20 OCT 2011	3

TAKEOFF MINIMUMS:

RWY 09, STANDARD.
RWY 27, 400-2 OR STANDARD WITH A MINIMUM CLIMB OF 341 FT PER NM TO 1300.
RWY 15, 33, NA - ENVIRONMENTAL.

TEXTUAL DEPARTURE PROCEDURES:

RWY 27, CLIMB HEADING 271.70 TO 1500 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 09, TREES BEGINNING 42 FT FROM DER LEFT AND RIGHT OF CENTERLINE, UP TO 82 FT AGL/850 FT MSL.
NOTE: RWY 27, VEHICLE ON ROAD 108 FT FROM DER, ACROSS CENTERLINE, 15 FT AGL/789 FT MSL. TREES BEGINNING 736 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 111 FT AGL/991 FT MSL. TANK 5787 FT FROM DER, 1118 FT RIGHT OF CENTERLINE, 170 FT AGL/996 FT MSL. TOWER 1.5 NM FROM DER, 1250 FT RIGHT OF CENTERLINE, 187 FT AGL/1080 FT MSL. TOWER 1.6 NM FROM DER, 1390 FT RIGHT OF CENTERLINE, 199 FT AGL/1118 FT MSL.

CONTROLLING OBSTACLES:

RWY 27: 996 FT MSL TANK 435827.00N/0843018.00W. 1080 FT MSL TOWER 435827.08N/0843100.05W. 1118 FT MSL TOWER 435828.11N/0843111.93W.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 27 - 1324 FT MSL TOWER 435718.00N/0843300.00W.

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BOHRR	BLBBY (FO)	337.70 / 11.46	3000
UNSUN	BLBBY (FO)	275.46 / 20.75	3000
JAKES (IAF)	BLBBY (NOPT) (FB)	116.93 / 13.11	3000
BLBBY (IF/IAF)	AGEYU (FB)	126.55 / 5.81	2300
AGEYU (FAF)	EDOGE/1.90 NM TO RW12 (FB)	126.62 / 2.69	
EDOGE/1.90 NM TO RW12	RW12 (MAP) (FO)	126.66 / 1.90	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW12
LNAV: RW12

CLIMB TO 3000 DIRECT DERRE AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW BLBBY, RT, 126.55 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 126.62 FAF: AGEYU DIST FAF TO MAP: 4.59 THLD: 4.59
4. MIN. ALT: BLBBY 3000, AGEYU 2300, EDOGE/1.90 NM TO RW12 1440
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: RW12 3000

ADDITIONAL FLIGHT DATA:

HOLD SE, RT, 306.84 INBOUND.
CHART FAS OBST: 929 TREE 424010N/0852230W
CHART FAS OBST: 909 TREE 424025N/0852243W
1191 AAO 424333N/0852547W
1145 AAO 424227N/0852621W
WAAS CHANNEL # 53326
REFERENCE PATH ID: W12A
AGEYU TO RW12: 3.00/40.
LTP HAE: 209.4 M

MAG VAR: 4W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1200	1	402	1200	1	402	1200	1 1/8	402		NA				
LNAV MDA	1220	1	422	1220	1	422	1220	1 1/4	422		NA				
CIRCLING	1380	1	579	1400	1	599	1420	1 3/4	619		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 09, 18, 27, 36 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 30 NA AT NIGHT.
CHART NOTE: USE GRAND RAPIDS ALTIMETER SETTING; WHEN NOT RECEIVED, USE IONIA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET, AND INCREASE LP AND LNAV CAT C VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 801 THRE: 798 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	HASTINGS	RNAV	RNAV (GPS) RWY 12, ORIG 20 OCT 2011	AMDT: NONE DATED

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW12 (MAP)	1200 MSL	126.66	
1200 MSL	DERRE (FO)		3000

NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 12 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOHRR ON V84 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JAKES ON V510 WESTBOUND, V193 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLBBY ON V274 SOUTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 9 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	9D9
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	423956.5745N
LTP/FTP LONGITUDE	0852106.4145W
LTP/FTP ELLIPSOIDAL HEIGHT	+02094
FPAP LATITUDE	423908.4300N
FPAP LONGITUDE	0851924.7800W
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)	0.0
CRC REMAINDER	EA3D833B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02431
FPAP ORTHOMETRIC HEIGHT	+02431

QUALITY CHECKED

CITY AND STATE	ELEVATION: 801 THRE: 798	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 12, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AGEYU K50    W      N42422526W085262096                    W0056     NAR           AGEYU
        SUSAEAENRT   BLBBY K50    C    L N42453298W085325938                    W0055     NAR           BLBBY
        SUSAEAENRT   BOHRR K50    C    L N42351653W085260587                    W0055     NAR           BOHRR
        SUSAEAENRT   DERRE K50    C    L N42330996W085065101                    W0058     NAR           DERRE
        SUSAEAENRT   EDOGE K50    W      N42405812W085231650                    W0056     NAR           EDOGE
        SUSAEAENRT   JAKES K50    C    L N42504071W085492279                    W0053     NAR           JAKES
        SUSAEAENRT   UNSUN K50    C    L N42450472W085044970                    W0059     NAR           UNSUN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9D9 K5A9D9     0     039YHN42394911W085204680W004000801         1800018000C    MNAR    HASTINGS

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP 9D9 K5FR12   ABOHRR 010BOHRRK5EA0E       IF                                          18000                A JS
        SUSAP 9D9 K5FR12   ABOHRR 020BLBBYK5EA0EY   020TF                    33770115    + 03000                        A JS
        SUSAP 9D9 K5FR12   ABOHRR 030BLBBYK5EA0EE AR   HF                    12660040    + 03000                        A JS
        SUSAP 9D9 K5FR12   AJAKES 010JAKESK5EA0E  A    IF                                          18000                A JS
        SUSAP 9D9 K5FR12   AJAKES 020BLBBYK5EA0EE B 010TF                    11690131    + 03000                        A JS
        SUSAP 9D9 K5FR12   AUNSUN 010UNSUNK5EA0E       IF                                          18000                A JS
        SUSAP 9D9 K5FR12   AUNSUN 020BLBBYK5EA0EY   020TF                    27550208    + 03000                        A JS
        SUSAP 9D9 K5FR12   AUNSUN 030BLBBYK5EA0EE AR   HF                    12660040    + 03000                        A JS
        SUSAP 9D9 K5FR12   R      010BLBBYK5EA0E  I    IF                                + 03000     18000              A JS
        SUSAP 9D9 K5FR12   R      020AGEYUK5EA1E  F 051TF                    12660058    + 02300                RW12  K5PGA JS
        SUSAP 9D9 K5FR12   R      020AGEYUK5EA2WALP        N          ALNAV                                                JS
        SUSAP 9D9 K5FR12   R      021EDOGEK5EA0E S  031TF                    12660027    V 0144001442       -300          A JS
        SUSAP 9D9 K5FR12   R      030RW12 K5PG0GY M 031TF                    12670019      00838            -300          A JS
        SUSAP 9D9 K5FR12   R      040         0  M     CA                    1267        + 01200                        A JS
        SUSAP 9D9 K5FR12   R      050DERREK5EA0EY      DF                                + 03000                        A JS
        SUSAP 9D9 K5FR12   R      060DERREK5EA0EE  R   HM                    30680040    + 03000                        A JS
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CITY AND STATE	ELEVATION: 801 THRE: 798	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 12, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 9D9 K5GRW12     0039001267 N42395657W085210641-0100     +02094007980000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 9D9 K5PR12    RW12 001 0000W12A0N4239565745W08521064145+020940300N4239084300W085192478001067515600004 00F400000EA3D833B
        SUSAP 9D9 K5PR12    RW12 002E       +02431+02431LP        53326

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP 9D9 K5SRW12 K5PG               0   18018003025                                                                M
```

CITY AND STATE	ELEVATION: 801 THRE: 798	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 12, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BOHRR	DERRE (FO)	102.33 / 14.38	3000
POSIE (IAF)	DERRE (NOPT) (FB)	295.37 / 18.47	3000
LAN VORTAC (IAF)	DERRE (NOPT) (FB)	245.99 / 20.93	3000
DERRE (IF/IAF)	CADIM (FB)	306.84 / 7.28	2300
CADIM (FAF)	ECAVU/2.10 NM TO RW30 (FB)	306.75 / 2.50	
ECAVU/2.10 NM TO RW30	RW30 (MAP) (FO)	306.72 / 2.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LP: RW30
LNAV: RW30

CLIMBING RIGHT TURN TO 3000 DIRECT UNSUN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 100.00 INBOUND.
CHART FAS OBST: 1000 BLDG-TWR 423842N/0851808W
CHART FAS OBST: 1065 TREE 423754N/0851800W
WAAS CHANNEL # 86326
REFERENCE PATH ID: W30A
CADIM TO RW30: 3.00/40.
LTP HAE: 208.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE DERRE, RT, 306.84 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 306.75 FAF: CADIM DIST FAF TO MAP: 4.60 THLD: 4.60
4. MIN. ALT: DERRE 3000, CADIM 2300, ECAVU/2.10 NM TO RW30 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW30 3000

MAG VAR: 4W EPOCH YEAR: 1980

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1340	1	545	1340	1	545	1340	1 5/8	545		NA				
LNAV MDA	1360	1	565	1360	1	565	1360	1 5/8	565		NA				
CIRCLING	1380	1	579	1400	1	599	1420	1 3/4	619		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 09, 18, 27, 36 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 12 NA AT NIGHT.
CHART NOTE: USE GRAND RAPIDS ALTIMETER SETTING; WHEN NOT RECEIVED, USE IONIA ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET AND INCREASE LNAV CAT C VISIBILITY 1/8 MILE.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 801 THRE: 795	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 30, ORIG 20 OCT 2011	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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW30 (MAP)	1201 MSL	306.72	
1201 MSL	UNSUN (FO)		3000

NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 30 PROCEDURE NA AT NIGHT.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT POSIE ON V170 EASTBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LAN VORTAC AIRWAY RADIALS 164 CW 324.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 801 THRE: 795	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 30, ORIG 20 OCT 2011	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	9D9
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	423935.7690N
LTP/FTP LONGITUDE	0852022.4790W
LTP/FTP ELLIPSOIDAL HEIGHT	+02087
FPAP LATITUDE	424023.8900N
FPAP LONGITUDE	0852204.1300W
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)	0.0
CRC REMAINDER	04CE8A63

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02424
FPAP ORTHOMETRIC HEIGHT	+02424

Bearings, headings, courses, and radials are magnetic. Elevations 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 visiblilities 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       LAN   K5011080VTLW N42430264W084415097    N42430264W084415097W0050008881     NARLANSING

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT  BOHRR K50   C   L N42351653W085260587                    W0055     NAR           BOHRR
          SUSAEAENRT  CADIM K50   W     N42370657W085150794                    W0057     NAR           CADIM
          SUSAEAENRT  DERRE K50   C   L N42330996W085065101                    W0058     NAR           DERRE
          SUSAEAENRT  ECAVU K50   W     N42382767W085175880                    W0057     NAR           ECAVU
          SUSAEAENRT  POSIE K50   C   L N42262834W084433483                    W0061     NAR           POSIE
          SUSAEAENRT  UNSUN K50   C   L N42450472W085044970                    W0059     NAR           UNSUN

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 9D9 K5A9D9     0     039YHN42394911W085204680W004000801        1800018000C    MNAR    HASTINGS

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 9D9 K5FR30   ABOHRR 010BOHRRK5EA0E       IF                                          18000              A JS
          SUSAP 9D9 K5FR30   ABOHRR 020DERREK5EA0EY   020TF                  10230144    + 03000                       A JS
          SUSAP 9D9 K5FR30   ABOHRR 030DERREK5EA0EE AR   HF                 30680040    + 03000                       A JS
          SUSAP 9D9 K5FR30   ALAN   010LAN  K5D 0V  A    IF                                          18000              A JS
          SUSAP 9D9 K5FR30   ALAN   020DERREK5EA0EE B 010TF                  24600209    + 03000                       A JS
          SUSAP 9D9 K5FR30   APOSIE 010POSIEK5EA0E  A    IF                                          18000              A JS
          SUSAP 9D9 K5FR30   APOSIE 020DERREK5EA0EE B 010TF                  29540185    + 03000                       A JS
          SUSAP 9D9 K5FR30   R      010DERREK5EA0E  I    IF                                 + 03000  18000              A JS
          SUSAP 9D9 K5FR30   R      020CADIMK5EA1E  F 051TF                  30680073    + 02300                RW30  K5PGA JS
          SUSAP 9D9 K5FR30   R      020CADIMK5EA2WALP       N          ALNAV                                              JS
          SUSAP 9D9 K5FR30   R      021ECAVUK5EA0E S  031TF                  30680025    V 0150001504       -300            A JS
          SUSAP 9D9 K5FR30   R      030RW30 K5PG0GY M 031TF                  30670021      00835            -300            A JS
          SUSAP 9D9 K5FR30   R      040         0  M     CA                 3067        + 01201                       A JS
          SUSAP 9D9 K5FR30   R      050UNSUNK5EA0EY  R   DF                             + 03000                       A JS
          SUSAP 9D9 K5FR30   R      060UNSUNK5EA0EE  R   HM                 10000040    + 03000                       A JS
```

CITY AND STATE	ELEVATION: 801 THRE: 795	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 30, ORIG 20 OCT 2011	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 9D9 K5GRW30     0039003067 N42393577W085202248+0100     +0208700795000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 9D9 K5PR30    RW30 001 0000W30A0N4239357690W08520224790+020870300N4240238900W085220413001067515600004 00F40000004CE8A63
       SUSAP 9D9 K5PR30    RW30 002E       +02424+02424LP        86326

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP 9D9 K5SRW30 K5PG                0   18018003025                                                              M
```

CITY AND STATE	ELEVATION: 801 THRE: 795	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
HASTINGS, MI	AIRPORT NAME: HASTINGS	RNAV	RNAV (GPS) RWY 30, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 20 OCT 2011

QUALITY 9 CHECKED

CITY AND STATE	ELEVATION: 769 TDZE: 769	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 35
HANNIBAL, MO	AIRPORT NAME: HANNIBAL RGNL	HAE	NDB RWY 35, AMDT 4, 05/07/2009	AMDT 3A
				DATE 06/05/2008

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
SALEM, MO	SALEM MEMORIAL	20 OCT 2011	ORIG

TAKEOFF MINIMUMS:

RWY 35 STANDARD
RWY 17, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 300 FT PER NM TO 1500.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 17, TREES BEGINNING 675 FEET FROM DER, 675 FEET LEFT OF CENTERLINE, UP TO 100 FEET AGL/1349 FEET MSL. TREE 911 FEET FROM DER, 290 FEET RIGHT OF CENTERLINE, 34 FEET AGL/1275 FEET MSL. POWERLINE BEGINNING 942 FEET FROM DER, 745 FEET LEFT OF CENTERLINE, UP TO 120 FEET AGL/1369 FEET MSL.

NOTE: RWY 35, TREE 770 FEET FROM DER, 120 FEET RIGHT OF CENTERLINE, 28 FEET AGL/1249 FEET MSL.

CONTROLLING OBSTACLES:

RWY 17 – 1409 FT MSL POWERLINE 373556.38N/0913602.84W, 1549 FT MSL AAO 373453.55N/0913455.70W.

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUX VORTAC	VEYWA (FB)	276.95 / 24.50	3500
HARDS	SEWAH (FB)	114.48 / 15.22	3500
VEYWA (IAF)	ACKEG (NOPT) (FB)	265.55 / 5.00	3500
SEWAH (IAF)	ACKEG (NOPT) (FB)	085.38 / 6.00	3500
ACKEG (IF/IAF)	CESZI (FB)	175.47 / 4.90	3500
CESZI (FAF)	ZALZI/2.30 NM TO RW18 (FB)	175.47 / 4.08	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 3500 DIRECT ERHOS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ACKEG, RT, 175.47 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 175.47 FAF: CESZI DIST FAF TO MAP: 6.38 THLD: 6.38
4. MIN. ALT: ACKEG 3500, CESZI 3500, ZALZI/2.30 NM TO RW18 2200*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: CESZI 3500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 41.0 34:1 IS CLEAR
8. MSA FROM: RW18 3800

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 355.47 INBOUND.
CHART FAS OBST: 1559 TREE 421439N/0965814W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.10 MILES TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 77513
REFERENCE PATH ID: W18A
LTP HAE: 410.2 M

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1678	1	250	1678	1	250		NA			NA				
LNAV/VNAV DA	1678	1	250	1678	1	250		NA			NA				
LNAV MDA	1820	1	392	1820	1	392		NA			NA				
CIRCLING	2000	1	568	2000	1	568		NA			NA				

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 5/23 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING NORFOLK RGNL/KARL STEFAN MEMORIAL FIELD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1428 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
WAYNE, NE	WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2	AMDT: 1A
			20 OCT 2011	DATED 12/16/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZALZI/2.30 NM TO RW18	RW18 (MAP) (FO)	175.47 / 2.30	
RW18 (MAP)	1678 MSL	175.47	
1678 MSL	ERHOS (FO)		3500

NOTES. (CONT.):
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK RGNL/KARL STEFAN MEMORIAL ALTIMETER SETTING AND INCREASE ALL DA 79 FEET AND ALL MDA 80 FEET, AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.
CHART NOTE: VDP NA WITH NORFOLK RGNL/ KARL STEFAN MEMORIAL FIELD ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SUX VORTAC AIRWAY RADIALS 238 CW 331.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HARDS ON V181 NORTHBOUND.

CITY AND STATE	ELEVATION: 1432 THRE: 1428	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
WAYNE, NE	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 18, AMDT 2	AMDT: 1A
	WAYNE MUNI/ STAN MORRIS FIELD		20 OCT 2011	DATED: 12/16/2010

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLCG
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	421456.3645N
LTP/FTP LONGITUDE	0965848.3790W
LTP/FTP ELLIPSOIDAL HEIGHT	+04102
FPAP LATITUDE	421327.2600N
FPAP LONGITUDE	0965851.4600W
THRESHOLD CROSSING HEIGHT (TCH)	00041.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	94D2EE02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04352
FPAP ORTHOMETRIC HEIGHT	+04352

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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)

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          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        SUX   K3011650VTLA N42204026W096192512    N42204026W096192512E0090010871     NARSIOUX CITY
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          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ACKEG K30    W     N42261318W096582493                    E0039     NAR          ACKEG
          SUSAEAENRT   CESZI K30    W     N42211907W096583514                    E0039     NAR          CESZI
          SUSAEAENRT   ERHOS K30    W     N42025684W096591316                    E0039     NAR          ERHOS
          SUSAEAENRT   HARDS K30    C   L N42340680W097241371                    E0042     NAR          HARDS
          SUSAEAENRT   SEWAH K30    W     N42262213W097063096                    E0040     NAR          SEWAH
          SUSAEAENRT   VEYWA K30    W     N42260528W096513993                    E0038     NAR          VEYWA
          SUSAEAENRT   ZALZI K30    W     N42171437W096584361                    E0039     NAR          ZALZI
```

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          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLCGK3ALCG     0     042YHN42142978W096585618E006001432        1800018000C    MNAR    WAYNE MUNI/ STAN MORRIS FIELD
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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLCGK3FR18   AACKEG 010ACKEGK3EA0EE AR   HF                  17550040    + 03500     18000                A JS
          SUSAP KLCGK3FR18   AHARDS 010HARDSK3EA0E       IF                                      18000                A JS
          SUSAP KLCGK3FR18   AHARDS 020SEWAHK3EA0E  A 020TF                  11450152    + 03500                          A JS
          SUSAP KLCGK3FR18   AHARDS 030ACKEGK3EA0EE B 010TF                  08540060    + 03500                          A JS
          SUSAP KLCGK3FR18   ASUX   010SUX  K3D 0V       IF                                      18000                A JS
          SUSAP KLCGK3FR18   ASUX   020VEYWAK3EA0E  A 020TF                  27700245    + 03500                          A JS
          SUSAP KLCGK3FR18   ASUX   030ACKEGK3EA0EE B 010TF                  26560050    + 03500                          A JS
          SUSAP KLCGK3FR18   R      010ACKEGK3EA0E  I    IF                             + 03500     18000                A JS
          SUSAP KLCGK3FR18   R      020CESZIK3EA1E  F 051TF                  17550049    + 03500                 RW18  K3PGA JS
          SUSAP KLCGK3FR18   R      020CESZIK3EA2WALPV       ALNAV/VNAV ALNAV                                              JS
          SUSAP KLCGK3FR18   R      021ZALZIK3EA0E S  031TF                  17550041    V 0220002201        -300          A JS
          SUSAP KLCGK3FR18   R      030RW18 K3PG0GY M 031TF                  17550023      01469             -300          A JS
          SUSAP KLCGK3FR18   R      040         0  M     CA                  1755        + 01678                          A JS
          SUSAP KLCGK3FR18   R      050ERHOSK3EA0EY       DF                             + 03500                          A JS
          SUSAP KLCGK3FR18   R      060ERHOSK3EA0EE  R   HM                  35550040    + 03500                          A JS
```

CITY AND STATE	ELEVATION: 1432 THRE: 1428	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 12/16/2010

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3GRW18    0042011755 N42145636W096584838+0100    +0410201428000041075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3PR18   RW18 001 0000W18A0N4214563645W09658483790+041020300N4213272600W0965851460010675147200041 0F40050094D2EE02
        SUSAP KLCGK3PR18   RW18 002E      +04352+04352LPV       77513

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3SRW18 K3PG                0   18018003825                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1428	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 17
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 2 20 OCT 2011	AMDT: 1A
				DATED: 12/16/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
SUX VORTAC	CAGAL (FO)	265.52 / 20.04	3700
HURLI	DOYPA (FB)	186.25 / 10.58	3400
PENDE	FAXAK (FB)	040.44 / 8.49	3600
DOYPA (IAF)	CAGAL (NOPT) (FB)	138.11 / 6.00	3200
FAXAK (IAF)	CAGAL (NOPT) (FB)	318.21 / 5.50	3200
CAGAL (IF/IAF)	BUCAG (FB)	228.16 / 6.07	3100
BUCAG (FAF)	RW23 (MAP) (FO)	228.11 / 5.13	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

CLIMB TO 3400 DIRECT CEKAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 228.13 INBOUND.
FAS OBST: 1699 AAO 421715N/0965508W
DISTANCE TO THLD FROM 436 HATH: 1.24 NM.
WAAS CHANNEL # 82523
REFERENCE PATH ID: W23A
LTP HAE: 409.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE CAGAL, RT, 228.16 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC: 228.11 FAF: BUCAG DIST FAF TO MAP: 5.13 THLD: 5.13
4. MIN. ALT: CAGAL 3200, BUCAG 3100
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3100 GS ALT AT: BUCAG 3100 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW23 3800

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1862	1 1/2	436	1862	1 1/2	436		NA			NA				
LNAV/VNAV DA	1865	1 1/2	439	1865	1 1/2	439		NA			NA				
LNAV MDA	1940	1	514	1940	1	514		NA			NA				
CIRCLING	2000	1	568	2000	1	568		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING NORFOLK RGNL/KARL STEFAN MEMORIAL FLD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1426 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22
WAYNE, NE	WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 23, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED 07/30/2009

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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW23 (MAP)	1832 MSL	228.11	
1832 MSL	CEKAC (FO)		3400

NOTES, (CONT.):
CHART NOTE: STRAIGHT-IN/CIRCLING RWY 23 PROCEDURE NA AT NIGHT.
CHART NOTE: CIRCLING RWY 5 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK RGNL/KARL STEFAN MEMORIAL FLD ALTIMETER SETTING AND INCREASE ALL DA 79 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS VISIBILITY AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SUX VORTAC VIA V100 EASTBOUND AND VIA V15 SOUTHEAST BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1426	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 23, AMDT 1 20 OCT 2011	AMDT: ORIG-A
				DATED: 07/30/2009

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	KLCG
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	421434.8000N
LTP/FTP LONGITUDE	0965839.6295W
LTP/FTP ELLIPSOIDAL HEIGHT	+04098
FPAP LATITUDE	421342.4600N
FPAP LONGITUDE	0970016.7200W
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	1712
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	B52D7303

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04347
FPAP ORTHOMETRIC HEIGHT	+04347

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        SUX   K3011650VTLA N42204026W096192512    N42204026W096192512E0090010871     NARSIOUX CITY
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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUCAG K30    W     N42173545W096530386                    E0038     NAR          BUCAG
        SUSAEAENRT   CAGAL K30    W     N42210895W096462605                    E0037     NAR          CAGAL
        SUSAEAENRT   CEKAC K30    W     N42083855W097093923                    E0040     NAR          CEKAC
        SUSAEAENRT   DOYPA K30    W     N42260079W096511070                    E0038     NAR          DOYPA
        SUSAEAENRT   FAXAK K30    W     N42164125W096420576                    E0037     NAR          FAXAK
        SUSAEAENRT   HURLI K30    R   L N42362139W096480874                    E0038     NAR          HURLI
        SUSAEAENRT   PENDE K30    C   L N42105061W096502276                    E0038     NAR          PENDE
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                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3ALCG     0     042YHN42142978W096585618E006001432         1800018000C    MNAR    WAYNE MUNI/ STAN MORRIS FIELD
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3FR23   AHURLI 010HURLIK3EA0E       IF                                                18000                A JS
        SUSAP KLCGK3FR23   AHURLI 020DOYPAK3EA0E  A 020TF                    18630106    + 03400                                A JS
        SUSAP KLCGK3FR23   AHURLI 030CAGALK3EA0EE B 010TF                    13810060    + 03200                                A JS
        SUSAP KLCGK3FR23   APENDE 010PENDEK3EA0E       IF                                                18000                A JS
        SUSAP KLCGK3FR23   APENDE 020FAXAKK3EA0E  A 020TF                    04040085    + 03600                                A JS
        SUSAP KLCGK3FR23   APENDE 030CAGALK3EA0EE B 010TF                    31820055    + 03200                                A JS
        SUSAP KLCGK3FR23   ASUX   010SUX  K3D 0V       IF                                                18000                A JS
        SUSAP KLCGK3FR23   ASUX   020CAGALK3EA0EY   020TF                    26550200    + 03700                                A JS
        SUSAP KLCGK3FR23   ASUX   030CAGALK3EA0EE AR   HF                    22820040    + 03200                                A JS
        SUSAP KLCGK3FR23   R      010CAGALK3EA0E  I    IF                                 + 03200     18000                A JS
        SUSAP KLCGK3FR23   R      020BUCAGK3EA1E  F 051TF                    22820061    + 03100                 RW23  K3PGA JS
        SUSAP KLCGK3FR23   R      020BUCAGK3EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KLCGK3FR23   R      030RW23 K3PG0GY M 031TF                    22810051      01466            -300              A JS
        SUSAP KLCGK3FR23   R      040         0  M     CA                    2281        + 01832                                A JS
        SUSAP KLCGK3FR23   R      050CEKACK3EA0EY      DF                                 + 03400                                A JS
```

CITY AND STATE	ELEVATION: 1432 THRE: 1426	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 23, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 07/30/2009

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.

```
        SUSAP KLCGK3FR23    R       060CEKACK3EA0EE  R    HM                    22810040     + 03400                          A JS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3GRW23     0034062281 N42143480W096583963+0100     +0409801426000040060R

                  1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3PR23    RW23 001 0000W23A0N4214348000W09658396295+040980300N4213424600W0970016720010675171200040 0F400500B52D7303
        SUSAP KLCGK3PR23    RW23 002E       +04347+04347LPV        82523

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3SRW23 K3PG                 0    18018003825                                                                    M
```

CITY AND STATE	ELEVATION: 1432 THRE: 1426	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 22
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 23, AMDT 1 20 OCT 2011	AMDT: ORIG-A
				DATED: 07/30/2009

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
DECKA	VEPOW (FB)	278.33 / 27.07	3500
OFK VOR/DME	SERWU (FB)	068.65 / 14.53	3500
VEPOW (IAF)	ERHOS (NOPT) (FB)	265.56 / 6.00	3500
SERWU (IAF)	ERHOS (NOPT) (FB)	085.38 / 6.00	3500
ERHOS (IF/IAF)	BILEH (FB)	355.47 / 4.93	3500
BILEH (FAF)	ACAYO/2.20 NM TO RW36 (FB)	355.47 / 4.17	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 3500 DIRECT ACKEG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 175.47 INBOUND.
CHART FAS OBST: 1629 TREE 421336N/0965816W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
CHART VDP AT 1.28 MILES TO RW36*
*LNAV ONLY.
WAAS CHANNEL # 69622
REFERENCE PATH ID: W36A
LTP HAE: 411.4 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ERHOS, RT, 355.47 INBOUND, 3500 FT. IN LIEU OF PT (IAF)
3. FAC: 355.47 FAF: BILEH DIST FAF TO MAP: 6.37 THLD: 6.37
4. MIN. ALT: ERHOS 3500, BILEH 3500, ACAYO/2.20 NM TO RW36 2160*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3500 GS ALT AT: BILEH 3500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.9 34:1 IS NOT CLEAR
8. MSA FROM: RW36 3800

MAG VAR: 6E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1682	1	250	1682	1	250		NA			NA				
LNAV/VNAV DA	1791	1 1/4	359	1791	1 1/4	359		NA			NA				
LNAV MDA	1880	1	448	1880	1	448		NA			NA				
CIRCLING	2000	1	568	2000	1	568		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING NORFOLK RGNL/ KARL STEFAN MEMORIAL FLD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 1432 THRE: 1432	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 36, AMDT 2 20 OCT 2011	AMDT: 1 DATED 07/07/2005

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ACAYO/2.20 NM TO RW36	RW36 (MAP) (FO)	355.47 / 2.20	
RW36 (MAP)	1682 MSL	355.47	
1682 MSL	ACKEG (FO)		3500

NOTES, (CONT.):
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT OFK VOR/DME ON AIRWAY RADIALS 354 CW 114.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DECKA ON V307 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NORFOLK RGNL/KARL STEFAN MEMORIAL ALTIMETER SETTING AND INCREASE ALL DA 79 FEET AND ALL MDA 80 FEET, INCREASE LPV ALL CATS VISIBILITY 1/8 MILE, AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP CIRCLING RWY 5/23 NA AT NIGHT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1432	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 36, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 07/07/2005

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLCG
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	421414.8850N
LTP/FTP LONGITUDE	0965849.8145W
LTP/FTP ELLIPSOIDAL HEIGHT	+04114
FPAP LATITUDE	421543.9900N
FPAP LONGITUDE	0965846.7300W
THRESHOLD CROSSING HEIGHT (TCH)	00040.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	26553402

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+04364
FPAP ORTHOMETRIC HEIGHT	+04364

Bearings, headings, courses, and radials are magnetic. Elevations 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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        OFK   K3010960VDLW N41591653W097260448    N41591653W097260448E0080015401     NARNORFOLK
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ACAYO K30    W     N42120288W096585437                      E0039     NAR          ACAYO
        SUSAEAENRT   ACKEG K30    W     N42261318W096582493                      E0039     NAR          ACKEG
        SUSAEAENRT   BILEH K30    W     N42075291W096590298                      E0039     NAR          BILEH
        SUSAEAENRT   DECKA K30    R   L N41561045W096155817                      E0034     NAR          DECKA
        SUSAEAENRT   ERHOS K30    W     N42025684W096591316                      E0039     NAR          ERHOS
        SUSAEAENRT   SERWU K30    W     N42030580W097071623                      E0040     NAR          SERWU
        SUSAEAENRT   VEPOW K30    W     N42024732W096511013                      E0038     NAR          VEPOW
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3ALCG     0     042YHN42142978W096585618E006001432         1800018000C    MNAR    WAYNE MUNI/ STAN MORRIS FIELD
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLCGK3FR36   ADECKA 010DECKAK3EA0E       IF                                                18000                A JS
        SUSAP KLCGK3FR36   ADECKA 020VEPOWK3EA0E  A 020TF                    27830271    + 03500                                A JS
        SUSAP KLCGK3FR36   ADECKA 030ERHOSK3EA0EE B 010TF                    26560060    + 03500                                A JS
        SUSAP KLCGK3FR36   AERHOS 010ERHOSK3EA0EE AR   HF                    35550040    + 03500     18000                      A JS
        SUSAP KLCGK3FR36   AOFK   010OFK  K3D 0V       IF                                            18000                      A JS
        SUSAP KLCGK3FR36   AOFK   020SERWUK3EA0E  A 020TF                    06870145    + 03500                                A JS
        SUSAP KLCGK3FR36   AOFK   030ERHOSK3EA0EE B 010TF                    08540060    + 03500                                A JS
        SUSAP KLCGK3FR36   R      010ERHOSK3EA0E  I    IF                                + 03500     18000                      A JS
        SUSAP KLCGK3FR36   R      020BILEHK3EA1E  F 051TF                    35550049    + 03500                  RW36  K3PGA JS
        SUSAP KLCGK3FR36   R      020BILEHK3EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KLCGK3FR36   R      021ACAYOK3EA0E S  031TF                    35550042    V 0216002173        -300              A JS
        SUSAP KLCGK3FR36   R      030RW36 K3PG0GY M 031TF                    35550022      01473             -300              A JS
        SUSAP KLCGK3FR36   R      040          0  M     CA                   3555        + 01682                                A JS
        SUSAP KLCGK3FR36   R      050ACKEGK3EA0EY      DF                                + 03500                                A JS
        SUSAP KLCGK3FR36   R      060ACKEGK3EA0EE  R   HM                    17550040    + 03500                                A JS
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1432	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 36, AMDT 2	AMDT: 1
			20 OCT 2011	DATED: 07/07/2005

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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLCGK3GRW36     0042013555 N42141489W096584981-0100     +041140143200004107 5R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLCGK3PR36    RW36 001 0000W36A0N4214148850W09658498145+041140300N4215439900W0965846730010675147200040 9F40050026553402
       SUSAP KLCGK3PR36    RW36 002E       +04364+04364LPV        69622

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KLCGK3SRW36 K3PG                 0    18018003825                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1432 THRE: 1432	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: RNAV (GPS) RWY 35
WAYNE, NE	AIRPORT NAME: WAYNE MUNI/ STAN MORRIS FIELD	RNAV	RNAV (GPS) RWY 36, AMDT 2 20 OCT 2011	AMDT: 1
				DATED: 07/07/2005

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
MORRISTOWN, NJ	MORRISTOWN MUNI	20 OCT 2011	6

TAKEOFF MINIMUMS:

RWY 5: STANDARD
RWY 13: 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 227 FT PER NM TO 500, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1900 FT PRIOR TO DER.
RWY 23: 400-2 OR STANDARD WITH MINIMUM CLIMB OF 394 FT PER NM TO 700
RWY 31: 500-1 WITH MINIMUM CLIMB OF 342 FT PER NM TO 1600.

TEXTUAL DEPARTURE PROCEDURES:

RWY 5: CLIMB HEADING 49.10 TO 700 BEFORE TURNING WESTBOUND.
RWY 13: CLIMB HEADING 126.92 TO 800 BEFORE TURNING NORTHBOUND.
RWY 23: CLIMB HEADING 229.11 TO 900 BEFORE TURNING WESTBOUND.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES BEGINNING 16 FT FROM DER, 300 FT LEFT/RIGHT OF CENTERLINE, UP TO 87 FT AGL/286 FT MSL.
NOTE: RWY 13, TREES/POWER LINES/BUSHES BEGINNING 50 FT FROM DER, 32 FT LEFT/RIGHT OF CENTERLINE, UP TO 84 FT AGL/283 FT MSL. TANK 1.2 NM FROM DER, 1,830 FT RIGHT OF CENTERLINE, 135 FT AGL/395 FT MSL.
NOTE: RWY 23, TREES/BLDGS BEGINNING 80 FT FROM DER, 48 FT LEFT/RIGHT OF CENTERLINE, UP TO 91 FT AGL/290 FT MSL.
NOTE: RWY 31, TREES/POWER LINES/BUSHES BEGINNING 2 FT FROM DER, 6 FT LEFT/RIGHT OF CENTERLINE, UP TO 150 FT AGL/329 FT MSL.

CONTROLLING OBSTACLES:

RWY 5: 1139 MSL AAO 405053.05N/0742913.56W
RWY 13: 395 MSL TANK 404701.00N/0742322.00W, 684 MSL TOWER 404751.00N/0742136.00W
RWY 23: 507 MSL TANK 404651.00N/0742614.00N, 1462 MSL TOWER 404920.00N/0743323.00W, 466 MSL TREE 404621.94N/0742639.45W, 548 MSL MONUMENT 404646.00N/0742623.00W
RWY 31: 659 MSL TOWER 404846.00N/0742741.00W, 1462 MSL TOWER 404920.00N/0743323.00W, 342 MSL TREE 404815.90N/0742542.30W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 5 - 1139 MSL AAO 405053.05N/0742913.56W, RWY – 13 684 MSL TOWER 404751.00N/0742136.00W, RWY – 23 1462 MSL TOWER 404920.00N/0743323.00W.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
PEDRICKTOWN, NJ	SPITFIRE AERODROME	20 OCT 2011	1

TAKEOFF MINIMUMS:

RWY 25, NA-OBSTACLES.
RWY 7, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 7 – CLIMB HEADING 073.65 TO 800 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 7, TREES BEGINNING AT DER, 132 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/144 FT MSL. TREES BEGINNING 3288 FT FROM DER, 962 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/149 FT MSL

CONTROLLING OBSTACLES:

RWY 7: 1049 FT MSL TOWER 394143.80N-0751754.29W.

REMARKS:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
NEW YORK, NY	JOHN F. KENNEDY INTL	20 OCT 2011	8

TAKEOFF MINIMUMS:

RWY 4L, 4R, 13L, 22L, 22R, STANDARD.

RWY 13R, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 300.

RWY 31L, STANDARD WITH MINIMUM CLIMB OF 250 FT PER NM TO 2400.

RWY 31R, STANDARD WITH MINIMUM CLIMB OF 230 FT PER NM TO 2400.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4L, TAXIING AIRCRAFT AND FENCES BEGINNING 249 FT FROM DER, 316 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/93 FT MSL. TAXIING AIRCRAFT 706 FT FROM DER, 472 FT RIGHT OF CENTERLINE, UP TO 79 FT AGL/93FT MSL.

NOTE: RWY 4R, TREES BEGINNING 1294 FT FROM DER, 687 FT LEFT OF CENTERLINE, UP TO 62 FT AGL/76 FT MSL. TREES BEGINNING 523 FT FROM DER, 613 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/33 FT MSL.

NOTE: RWY 13L, ELECTRICAL EQUIPMENT AND GLIDESLOPE ANTENNA BEGINNING 105 FT FROM DER, 140 FT LEFT OF CENTERLINE, UP TO 26 FT AGL/40 FT MSL.

NOTE: RWY 13R, GLIDESLOPE ANTENNA 420 FT FROM DER, 405 FT LEFT OF CENTERLINE, 36 FT AGL/45 FT MSL. FENCE AND TRANSMISSION TOWER BEGINNING 157 FT FROM DER, 5 FT RIGHT OF CENTERLINE, UP TO 139 FT AGL/140 FT MSL. TANK 1.1 NM FROM DER, 2115 FT RIGHT OF CENTERLINE, 215 FT AGL/227 FT MSL.

NOTE: RWY 31R, FENCE, VEHICLES ON ROAD, POLES, AND TREES BEGINNING 282 FT FROM DER, 14 FT LEFT OF CENTERLINE, UP TO 55 FT AGL/67 FT MSL. FENCE, APPROACH LIGHTS, POLES, AND TREES BEGINNING 190 FT FROM DER, 8 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/43 FT MSL.

CONTROLLING OBSTACLES:

RWY 13R: 227 FT MSL TANK 403648.04N/0734515.72W.

RWY 31L: 1806 FT MSL BUILDING 404246.75N/0740047.27W.

RWY 31R: 1806 FT MSL BUILDING 404246.75N/0740047.27W.

REMARKS:

1. AIRBUS 380 (79 FT AGL) USED AS WORST CASE SCENARIO FOR AIRCRAFT TAXIING IN VICINITY OF DEPARTURE END OF RWY 4L.
2. CONTROLLING OBSTACLE FOR RWY 31L AND RWY 31R IS THE NEW WORLD TRADE CENTER CURRENTLY UNDER CONSTRUCTION (SEE 2007-AEA-4397-OE).
3. A VCOA WAS NOT ESTABLISHED FOR RWY 31L AND RWY 31R PER ATC REQUEST.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
NEW YORK, NY	LA GUARDIA	20 OCT 2011	9

TAKEOFF MINIMUMS:

RWY 4, STANDARD.

RWY 13, 400-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 280 FT PER NM TO 500.

RWY 22, 300-2 1/4 OR STANDARD WITH MINIMUM CLIMB OF 210 FT PER NM TO 400, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1100 FT PRIOR TO DER.

RWY 31, 300-1 3/4 OR STANDARD WITH MINIMUM CLIMB OF 330 FT PER NM TO 500.

TEXTUAL DEPARTURE PROCEDURES:

RWY 4 – CLIMB HEADING 044.13 TO 800 BEFORE PROCEEDING ON COURSE.

RWY 13 – CLIMB HEADING 134.13 TO 700 BEFORE PROCEEDING WESTBOUND.

RWY 22 – CLIMB HEADING 224.14 TO 2100 BEFORE PROCEEDING WESTBOUND.

RWY 31 – CLIMB HEADING 314.14 TO 1400 BEFORE PROCEEDING WESTBOUND.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, LOCALIZER 392 FT FROM DER, ON CENTERLINE, 18 FT AGL/19 FT MSL. STACK, FENCES, AND BUILDINGS BEGINNING 97 FT FROM DER, 171 FT LEFT OF CENTERLINE, UP TO 83 FT AGL/103 FT MSL. FENCES, BUILDINGS, AND TREES BEGINNING 28 FT FROM DER, 415 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/22 FT MSL. STACK 4934 FT FROM DER, 1513 FT LEFT OF CENTERLINE, 172 FT AGL/181 FT MSL. BUILDING 1.9 NM FROM DER, 758 FT RIGHT OF CENTERLINE, 280 FT AGL/345 FT MSL.

NOTE: RWY 22, BUILDINGS AND TREES BEGINNING 165 FT FROM DER, 150 FT LEFT OF CENTERLINE, UP TO 72 FT AGL/101 FT MSL. BLAST FENCE, FENCE, STACK ON BUILDING, NAVAID, AND TREES BEGINNING 109 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 55 FT AGL/104 FT MSL. TOWER 1.8 NM FROM DER, 566 FT RIGHT OF CENTERLINE, 222 FT AGL/302 FT MSL.

NOTE: RWY 31, STACK 1.2 NM FROM DER, 2015 FT LEFT OF CENTERLINE, 250 FT AGL/268 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 181 FT MSL STACK 404606.19N/0735020.83W. 345 FT MSL BUILDING 404513.00N/0734925.00W.

RWY 22: 302 FT MSL TOWER 404437.82N/0735426.82W.

RWY 31: 268 FT MSL STACK 404720.62N/0735422.93W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 4 - 1505 FT MSL BUILDING 404454.36N/0735908.50W.

RWY 13 – 1505 FT MSL BUILDING 404454.36N/0735908.50W.

RWY 22 – 1806 FT MSL BUILDING 404246.75N/0740047.27W.

RWY 31 – 1505 FT MSL BUILDING 404454.36N/0735908.50W.

REMARKS:

CONTROLLING OBSTACLE FOR RWY 22 ODP ROUTE DEVELOPMENT IS THE NEW WORLD TRADE CENTER CURRENTLY UNDER CONSTRUCTION (SEE 2007-AEA-4397-OE).

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
MEMPHIS, TN	MEMPHIS INTL	20 OCT 2011	3

TAKEOFF MINIMUMS:

RWY 9, 18L, 18C, 18R, 27, 36L, 36C, 36R, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 36L – CLIMB HEADING 357.99 TO 700 BEFORE TURNING RIGHT.

RWY 36C – CLIMB HEADING 358.01 TO 700 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: **RWY 9**, NUMEROUS TREES AND LIGHT POLE BEGINNING 1498 FT FROM DER, 800 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/409 FT MSL. NUMEROUS TREES BEGINNING 2193 FT FROM DER, 912 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/419 FT MSL.

NOTE: **RWY 18L**, NUMEROUS TREES BEGINNING 1218 FT FROM DER, 693 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.

NOTE: **RWY 18C**, NUMEROUS TREES BEGINNING 1430 FT FROM DER, 831 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.

NOTE: **RWY 18R**, POLE, VORTAC, AND NUMEROUS TREES BEGINNING 1904 FT FROM DER, 986 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/449 FT MSL. NUMEROUS TREES BEGINNING 1272 FT FROM DER, 684 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/459 FT MSL.

NOTE: **RWY 27**, NUMEROUS TREES BEGINNING 2218 FT FROM DER, 875 FT LEFT OF CENTERLINE, UP T0 100 FT AGL/361 FT MSL. NUMEROUS TREES BEGINNING 785 FT FROM DER, 682 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/349 FT MSL.

NOTE: **RWY 36C**, LIGHT POLE 1949 FT FROM DER, 928 FT RIGHT OF CENTERLINE, 77 FT AGL/336 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: **RWY 36L, 36C** – 624 FT MSL ATCT 350258.68N/0895853.69W.

REMARKS:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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City, State	Airport	Effective Date	Amdt. No.
DALLAS, TX	DALLAS-LOVE FIELD (KDAL)	20 OCT 2011	16

TAKEOFF MINIMUMS:

RWY 18, 36, 31L, 31R, STANDARD
RWY 13L, STANDARD WITH A MINIMUM CLIMB OF 290 FEET PER NM TO 1700.
RWY 13R, STANDARD WITH A MINIMUM CLIMB OF 315 FT PER NM TO 1700.

TEXTUAL DEPARTURE PROCEDURES:

RWY18 - CLIMB HEADING 179.52 TO 1300 BEFORE TURNING LEFT.
RWY 31L - CLIMB HEADING 309.63 TO 1200 BEFORE TURNING LEFT.
RWY 31R - CLIMB HEADING 309.65 TO 1200 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, BUILDING 303 FT FROM DER, 354 FT RIGHT OF CENTERLINE, 47 FT AGL/507 FT MSL. TREES BEGINNING 775 FT FROM DER, 138 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/536 FT MSL. TREE 1254 FT FROM DER, 399 FT LEFT OF CENTERLINE, 50 FT AGL/ 531 FT MSL.
NOTE: RWY 36, TREE 52 FT FROM DER, 390 FT LEFT OF CENTERLINE, 50 FT AGL/523 FT MSL. BUILDING 898 FT FROM DER, 233 FT LEFT OF CENTERLINE 45 FT AGL/505 FT MSL. TREES BEGINNING 433 FT FROM DER, 240 FT RIGHT OF CENTERLINE UP TO 75 FT AGL/ 559 FT MSL. TREES 661 FT FROM DER, 95 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/505 FT MSL. TRANSMISSION TOWERS BEGINNING 1025 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 68 FT AGL/572 FT MSL.
NOTE: RWY 31L, TREES BEGINNING 327 FT FROM DER, 374 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/ 501 FT MSL.
NOTE: RWY 31R, POLE 38 FT FROM DER, 501 FT LEFT OF CENTERLINE, 27 FT AGL/487 FT MSL. TREES BEGINNING 366 FT FROM DER, 552 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/530 FT MSL. POLE 1531 FT FROM DER, 719 FT RIGHT OF CENTERLINE UP TO 61 FT AGL/521 FT MSL.
NOTE: RWY 13L, TREES, POLES AND ELECTRICAL SYSTEMS BEGINNING 844 FT FROM DER, 515 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/ 541 FT MSL. CRANE 5270 FT FROM DER, 568 FT LEFT OF CENTERLINE, 130 FT AGL/630 FT MSL.
NOTE: RWY 13R, POLES AND FENCES BEGINNING 693 FT FROM DER, 601 FT RIGHT OF CENTERLINE, UP TO 29 FT AGL/ 501 FT MSL. SIGN 779 FT FROM DER, 669 FT LEFT OF CENTERLINE, 30 FT AGL/ 503 FT MSL. TREES BEGINNING 1122 FT FROM DER, 670 FT LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/514 FT MSL. SIGN 1424 FT FROM DER, 763 FT LEFT OF CENTERLINE, 45 FT AGL/ 516 FT MSL. ROD ON STAKE 2234 FT FROM DER, 979 FT LEFT OF CENTERLINE, 65 FT AGL/ 537 FT MSL.

CONTROLLING OBSTACLES:

RWY 13L - 1368 MSL ANTENNA ON BLDG, 324648.00N/0964814.00W
RWY 13R - 1368 MSL ANTENNA ON BLDG, 324648.00N/0964814.00W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 18 - 1368 MSL ANTENNA, 324648.00N/0964814.00W
RWY 31L - 1049 MSL TOWER, 325216.00N/0965523.00W
RWY 31R - 1049 MSL TOWER, 325216.00N/0965523.00W

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LRD VORTAC	JINSA/I-LRD 7.00 DME	339.05 / 10.33	2300
IRICI/LRD 17.00 DME CCW (IAF)	HEPRI/I-LRD 14.00 DME (NOPT)	17.00 DME ARC (LRD LR-352)	2300
SAROY/LRD 17.00 DME CW (IAF)	HEPRI/I-LRD 14.00 DME (NOPT)	17.00 DME ARC (LRD LR-338)	2300
HEPRI/I-LRD 14.00 DME (IF)	JINSA/I-LRD 7.00 DME	174.56 / 7.00 (I-LRD)	2300

MISSED APPROACH

ILS: DA
LOC: I-LRD 1.54 DME FIX

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 2500 DIRECT LRD VORTAC AND LRD VORTAC R-132 TO ELKOS/LRD 15.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 312.00 INBOUND.
CHART FAS OBST: 653 COMMUNICATION TWR 273533N/0992755W
CHART: 1142 TOWER 273916N/0992745W
CHART VDP AT 2.68 DME*;
DISTANCE VDP TO THLD 1.14 MILES.
*LOC ONLY.
CHART LRD R-320 AT SAROY.
CHART LRD R-006 AT IRICI.

1. PT R SIDE OF COURSE 354.56 OUTBOUND 2300 FT WITHIN 15 MILES OF JINSA (IAF)
2.
3. FAC: 174.56 FAF: JINSA/I-LRD 7.00 DME DIST FAF TO MAP: 5.46 THLD: 5.46
4. MIN. ALT: JINSA 2300, ICANU/I-LRD 3.74 DME 1260*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1081
6. MIN GS INCPT: 2300 GS ALT AT: JINSA 2300 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.4
8. MSA FROM: LRD VORTAC 2600

MAG VAR: 8E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 17R	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200
S-LOC 17R	920	1/2	416	920	1/2	416	920	3/4	416	920	3/4	416	920	3/4	416
SIDESTEP 17L	1140	1	641	1140	1	641	1140	1 7/8	641	1140	2	641	1140	2	641
CIRCLING	1140	1	632	1140	1	632	1140	1 7/8	632	1140	2	632	1240	2 1/2	732

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWYS 14 AND 35L.
CHART PLANVIEW NOTE: DME REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HEBBRONVILLE ALTIMETER SETTING AND (SEE FORM 8260-10)

CAT A, B, C, D 700-2, CAT E 800-2 1/2
@ CAT E 800-2 1/2
# @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
LAREDO, TX	ELEVATION: 508 THRE: 17R 504 THRE: 17L 499 AIRPORT NAME: LAREDO INTL	I-LRD	ILS OR LOC/DME RWY 17R, AMDT 11 20 OCT 2011	SUP: AMDT: 10 DATED 08/30/2007

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
INCREASE ALL DA 115 FEET AND ALL MDA 120 FEET, INCREASE S-LOC 17R CATS C/D/E VISIBILITY 1/4 MILE, INCREASE CIRCLING CAT B VISIBILITY 1/4 MILE, CAT C VISIBILITY 5/8 MILE, CATS D/E VISIBILITY 1/2 MILE, INCREASE SIDESTEP 17L CAT C VISIBILITY 1/4 MILE AND CATS D/E VISIBILITY 1/2 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 17R CAT E VISIBILITY TO 3/4 AND INCREASE S-LOC 17R CATS C/D/E VISIBILITY TO 1 1/8.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING HEBBRONVILLE ALTIMETER SETTING, INCREASE S-ILS 17R ALL CATS VISIBILITY TO 1.
CHART PROFILE NOTE: USE I-LRD DME WHEN ON THE LOCALIZER COURSE.
CHART PLANVIEW NOTE: RADAR REQUIRED FOR ARRIVALS AT SAROY.

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	**ELEVATION: 508** **THRE: 17R 504** **THRE: 17L 499** AIRPORT NAME: **LAREDO INTL**	**I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11** 20 OCT 2011	AMDT: **10** DATED: **08/30/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

APINC PACKET - 424-18 - ILS

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LRD   K4011740VTHA N27284344W099250365    N27284344W099250365E0090005802     NARLAREDO
        SUSAD KLRDK4 ILRD  K4011190 IT                    ILRDN27315088W099274667     004750     NARLAREDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ELKOS K40    C     N27170168W099142798                    E0053     NAR           ELKOS
        SUSAEAENRT   HEPRI K40    R     N27455261W099270704                    E0054     NAR           HEPRI
        SUSAEAENRT   IRICI K40    R   L N27451109W099200512                    E0054     NAR           IRICI
        SUSAEAENRT   JINSA K40    C     N27385176W099272822                    E0054     NAR           JINSA
        SUSAEAENRT   SAROY K40    R     N27431982W099345562                    E0055     NAR           SAROY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4ALRD     0     087YHN27324152W099274152E008000508         18000180000C    MNAR    LAREDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4FI17R  AIRICI 010IRICIK4EA0E  A    IF LRD K4      00610170        D                18000                  0 DS
        SUSAP KLRDK4FI17R  AIRICI 020HEPRIK4EA0EE BL   AF LRD K4      344901720061    D   + 02300                             0 DS
        SUSAP KLRDK4FI17R  ALRD   010LRD  K4D 0V       IF                                                 18000                  0 DS
        SUSAP KLRDK4FI17R  ALRD   020JINSAK4EA0E       TF                                         + 02300                     0 DS
        SUSAP KLRDK4FI17R  ALRD   030JINSAK4EA0EE AL   PI ILRDK4      3546007003960150PI  + 02300                             0 DS
        SUSAP KLRDK4FI17R  ASAROY 010SAROYK4EA0E  A    IF LRD K4      32000170        D                18000                  0 DS
        SUSAP KLRDK4FI17R  ASAROY 020HEPRIK4EA0EE BR   AF LRD K4      344901723200    D   + 02300                             0 DS
        SUSAP KLRDK4FI17R  I      010HEPRIK4EA0E  I    IF ILRDK4      35460140        PI  J 0230002300180000                 0 DS
        SUSAP KLRDK4FI17R  I      020JINSAK4EA0E  F    CF ILRDK4      3546007017500070PI  H 0230002300        -300LRD   K4D 0 DS
        SUSAP KLRDK4FI17R  I      030RW17RK4PG0GY M    CF ILRDK4      3546001517500055PI    00560             -300            0 DS
        SUSAP KLRDK4FI17R  I      040          0  M    CA                     1746        + 01100                             0 DS
        SUSAP KLRDK4FI17R  I      050LRD  K4D 0V       DF                                                                     0 DS
        SUSAP KLRDK4FI17R  I      060ELKOSK4EA0EY      CF LRD K4      13200150132001500D  + 02500                             0 DS
        SUSAP KLRDK4FI17R  I      070ELKOSK4EA0EE  R   HM                     3120T010    + 02500                             0 DS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4GRW17R   0087431746 N27332337W099274471-0200    +012950050400005615OIILRD1

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

CITY AND STATE	ELEVATION: **508**	**THRE: 17R 504**	FACILITY	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**THRE: 17L 499**	IDENTIFIER: **I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11** 20 OCT 2011	AMDT: **10**
					DATED: **08/30/2007**

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

```
ILS     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4IILRD1   011190RW17RN27315173W0992749301746N27331249W0992740700520 1081043330OE00805600497

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4SLRD  K4D               0   18018002625                                                                          M
```

CITY AND STATE	ELEVATION: **508**	**THRE: 17R 504**	FACILITY	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**THRE: 17L 499**	IDENTIFIER: **I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11** 20 OCT 2011	AMDT: **10** DATED: **08/30/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **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.

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IRICI	IRICI	010	IAF	IF		FB					
	IRICI	HEPRI	020		AF	L	FB		006.1()		AA 02300	
	LRD	LRD	010		IF		FB					
	LRD	JINSA	020		TF		FB				AA 02300	
	LRD	JINSA	030	IAF	PI	L	FB		039.6()	015.0	AA 02300	
	SAROY	SAROY	010	IAF	IF		FB					
	SAROY	HEPRI	020		AF	R	FB		320.0()		AA 02300	
		HEPRI	010	FACF	IF		FB				AA 02300 GI 02300	
		JINSA	020	FAF	CF		FB		175.0()	007.0	GI 02300 GS 02300	
		RW17R	030	MAP	CF		FO		175.0()	005.5	AT 00560	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		174.6()		AA 01100	
	LRD	050		DF		FB					
	ELKOS	060		CF		FO		132.0()	015.0	AA 02500	
	ELKOS	070		HM	R	FO		312.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LRD	N272843.44	W0992503.65	N2728.724	W09925.061
	ILRD (DME)	N273150.88	W0992746.67	N2731.848	W09927.778
	ELKOS	N271701.68	W0991427.98	N2717.028	W09914.466
	HEPRI	N274552.61	W0992707.04	N2745.877	W09927.117
	IRICI	N274511.09	W0992005.12	N2745.185	W09920.085
	JINSA	N273851.76	W0992728.22	N2738.863	W09927.470
	SAROY	N274319.82	W0993455.62	N2743.330	W09934.927
	RW17R	N273323.37	W0992744.71	N2733.390	W09927.745
	ILRD (LOC)	N273151.73	W0992749.30	N2731.862	W09927.822

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17R	00504	56

CITY AND STATE	ELEVATION: **508**	**THRE: 17R 504**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**THRE: 17L 499**	**I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11**	AMDT: **10**
				20 OCT 2011	DATED: **08/30/2007**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        LRD   K4011740VTHA N27284344W099250365    N27284344W099250365E0090005802     NARLAREDO
        SUSAD KLRDK4 ILRD  K4011190 IT                    ILRDN27315088W099274667     004750     NARLAREDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ELKOS K40    C     N27170168W099142798                    E0053     NAR          ELKOS
        SUSAEAENRT   HEPRI K40    R     N27455261W099270704                    E0054     NAR          HEPRI
        SUSAEAENRT   ICANU K40    C     N27353560W099273807                    E0054     NAR          ICANU
        SUSAEAENRT   IRICI K40    R   L N27451109W099200512                    E0054     NAR          IRICI
        SUSAEAENRT   JINSA K40    C     N27385176W099272822                    E0054     NAR          JINSA
        SUSAEAENRT   SAROY K40    R     N27431982W099345562                    E0055     NAR          SAROY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4ALRD     0     087YHN27324152W099274152E008000508        18000018000C    MNAR    LAREDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4FL17R  AIRICI 010IRICIK4EA0E  A    IF LRD K4      00610170        D                  18000                  0 DS
        SUSAP KLRDK4FL17R  AIRICI 020HEPRIK4EA0EE BL   AF LRD K4      344901720061    D   + 02300                               0 DS
        SUSAP KLRDK4FL17R  ALRD   010LRD  K4D 0V       IF                                                 18000                  0 DS
        SUSAP KLRDK4FL17R  ALRD   020JINSAK4EA0E       TF                                 + 02300                               0 DS
        SUSAP KLRDK4FL17R  ALRD   030JINSAK4EA0EE AL   PI ILRDK4      3546007003960150PI + 02300                               0 DS
        SUSAP KLRDK4FL17R  ASAROY 010SAROYK4EA0E  A    IF LRD K4      32000170        D                  18000                  0 DS
        SUSAP KLRDK4FL17R  ASAROY 020HEPRIK4EA0EE BR   AF LRD K4      344901723200    D   + 02300                               0 DS
        SUSAP KLRDK4FL17R  L      010HEPRIK4EA0E  I    IF ILRDK4      35460140        PI  + 02300   18000                       0 DS
        SUSAP KLRDK4FL17R  L      020JINSAK4EA0E  F    CF ILRDK4      3546007017500070PI + 02300                LRD   K4D 0 DS
        SUSAP KLRDK4FL17R  L      021ICANUK4EA0E S     CF ILRDK4      3546003717500033PI + 01260          -301                 0 DS
        SUSAP KLRDK4FL17R  L      030RW17RK4PG0GY M    CF ILRDK4      3546001517500022PI   00560          -301                 0 DS
        SUSAP KLRDK4FL17R  L      040         0  M     CA                      1746       + 01100                               0 DS
        SUSAP KLRDK4FL17R  L      050LRD  K4D 0V       DF                                                                       0 DS
        SUSAP KLRDK4FL17R  L      060ELKOSK4EA0EY      CF LRD K4      13200150132001500 + 02500                               0 DS
        SUSAP KLRDK4FL17R  L      070ELKOSK4EA0EE  R   HM                      3120T010   + 02500                               0 DS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4GRW17R   0087431746 N27332337W099274471-0200    +012950050400005615OIILRD1
```

CITY AND STATE	ELEVATION: **508**	**THRE: 17R 504**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**THRE: 17L 499**	**I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11** 20 OCT 2011	AMDT: **10**
					DATED: **08/30/2007**

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

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4IILRD1   011190RW17RN27315173W0992749301746N27331249W0992740700520 10810433300E00805600497

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KLRDK4SLRD  K4D                 0   18018002625                                                                    M
```

CITY AND STATE	ELEVATION: 508 THRE: 17R 504	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: THRE: 17L 499 LAREDO INTL	I-LRD	ILS OR LOC/DME RWY 17R, AMDT 11	AMDT: 10
			20 OCT 2011	DATED: 08/30/2007

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IRICI	IRICI	010	IAF	IF		FB					
	IRICI	HEPRI	020		AF	L	FB		006.1()		AA 02300	
	LRD	LRD	010		IF		FB					
	LRD	JINSA	020		TF		FB				AA 02300	
	LRD	JINSA	030	IAF	PI	L	FB		039.6()	015.0	AA 02300	
	SAROY	SAROY	010	IAF	IF		FB					
	SAROY	HEPRI	020		AF	R	FB		320.0()		AA 02300	
		HEPRI	010	FACF	IF		FB				AA 02300	
		JINSA	020	FAF	CF		FB		175.0()	007.0	AA 02300	
		ICANU	021	SDF	CF		FB		175.0()	003.3	AA 01260	
		RW17R	030	MAP	CF		FO		175.0()	002.2	AT 00560	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		174.6()		AA 01100	
	LRD	050		DF		FB					
	ELKOS	060		CF		FO		132.0()	015.0	AA 02500	
	ELKOS	070		HM	R	FO		312.0()	T01.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	LRD	N272843.44	W0992503.65	N2728.724	W09925.061
	ILRD (DME)	N273150.88	W0992746.67	N2731.848	W09927.778
	ELKOS	N271701.68	W0991427.98	N2717.028	W09914.466
	HEPRI	N274552.61	W0992707.04	N2745.877	W09927.117
	ICANU	N273535.60	W0992738.07	N2735.593	W09927.635
	IRICI	N274511.09	W0992005.12	N2745.185	W09920.085
	JINSA	N273851.76	W0992728.22	N2738.863	W09927.470
	SAROY	N274319.82	W0993455.62	N2743.330	W09934.927
	RW17R	N273323.37	W0992744.71	N2733.390	W09927.745
	ILRD (LOC)	N273151.73	W0992749.30	N2731.862	W09927.822

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17R	00504	56

CITY AND STATE	ELEVATION: **508**	**THRE: 17R 504**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: **LAREDO INTL**	**THRE: 17L 499**	**I-LRD**	**ILS OR LOC/DME RWY 17R, AMDT 11**	AMDT: **10**
				20 OCT 2011	DATED: **08/30/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KAHAN (IAF)	OVOSE (NOPT) (FB)	247.32 / 6.85	3000
OVOSE (IF/IAF)	JINSA (FB)	174.56 / 5.84	2300
JINSA (FAF)	ICANU/2.20 NM TO RW17R (FB)	174.56 / 3.26	
ICANU/2.20 NM TO RW17R	RW17R (MAP) (FO)	174.56 / 2.20	
RW17R (MAP)	1000 MSL	174.56	1000
1000 MSL	ELKOS (FO)		2500

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17R

CLIMB TO 1000 THEN CLIMBING LEFT TURN TO 2500 DIRECT ELKOS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N OVOSE, LT, 174.56 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 174.56 FAF: JINSA DIST FAF TO MAP: 5.46 THLD: 5.46
4. MIN. ALT: OVOSE 3000, JINSA 2300, ICANU/2.20 NM TO RW17R 1260*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2300 GS ALT AT: JINSA 2300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.4 34:1 IS CLEAR
8. MSA FROM: RW17R 2600

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 313.00 INBOUND.
CHART FAS OBST: 599 TREE 273419N/0992704W
CHART FAS OBST: 666 POWERLINE 273550N/0992703W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.33 MILES TO RW17R*
*LNAV ONLY.
WAAS CHANNEL # 82599
REFERENCE PATH ID: W17A
LTP HAE: 129.5 M

MAG VAR: 8E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200	704	1/2	200
LNAV/VNAV DA	896	7/8	392	896	7/8	392	896	7/8	392	896	7/8	392	896	7/8	392
LNAV MDA	980	1/2	476	980	1/2	476	980	1	476	980	1	476	980	1	476
CIRCLING	980	1	472	980	1	472	980	1 1/2	472	1060	2	552	1240	2 1/2	732

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F).
CHART NOTE: CIRCLING NA WEST OF RWYS 14 AND 35L.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 508 THRE: 504 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	LAREDO INTL	RNAV	RNAV (GPS) RWY 17R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED 06/08/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HEBBRONVILLE ALTIMETER SETTING AND INCREASE ALL DA 115 FEET AND ALL MDA 120 FEET, INCREASE VISIBILITY LNAV/VNAV ALL CATS 3/8 MILE, LNAV CATS C/D/E 1/4 MILE, CIRCLING CATS C/D 1/4 MILE AND CAT E 1/2 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO 3/4, INCREASE LNAV/VNAV ALL CATS TO 1 1/4, INCREASE LNAV CATS C/D/E TO 1 3/8.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING HEBBRONVILLE ALTIMETER SETTING, INCREASE LPV ALL CATS VISIBILITY TO 1, INCREASE LNAV/VNAV ALL CATS TO 1 3/4, INCREASE LNAV CAT E TO 1 3/4.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HEBBRONVILLE ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT KAHAN ON V17 NORTHBOUND.

CITY AND STATE	ELEVATION: 508 THRE: 504	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 17R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 06/08/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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	KLRD
RUNWAY	RW17R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	273323.3695N
LTP/FTP LONGITUDE	0992744.7110W
LTP/FTP ELLIPSOIDAL HEIGHT	+01295
FPAP LATITUDE	273154.1100N
FPAP LONGITUDE	0992749.1900W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0088
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	C0A86B48

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01535
FPAP ORTHOMETRIC HEIGHT	+01535

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   ELKOS K40    C     N27170168W099142798                    E0053     NAR           ELKOS
          SUSAEAENRT   ICANU K40    C     N27353560W099273807                    E0054     NAR           ICANU
          SUSAEAENRT   JINSA K40    C     N27385176W099272822                    E0054     NAR           JINSA
          SUSAEAENRT   KAHAN K40    C   L N27462724W099194215                    E0054     NAR           KAHAN
          SUSAEAENRT   OVOSE K40    W     N27444255W099271058                    E0054     NAR           OVOSE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLRDK4ALRD     0     087YHN27324152W099274152E008000508          1800018000C    MNAR    LAREDO INTL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLRDK4FR17R  AKAHAN 010KAHANK4EA0E  A    1F                                          18000                A JS
          SUSAP KLRDK4FR17R  AKAHAN 020OVOSEK4EA0EE B 010TF                    24730069    + 03000                      A JS
          SUSAP KLRDK4FR17R  AOVOSE 010OVOSEK4EA0EE AL   HF                    17460040    + 03000     18000            A JS
          SUSAP KLRDK4FR17R  R      010OVOSEK4EA0E  I    IF                                + 03000     18000            A JS
          SUSAP KLRDK4FR17R  R      020JINSAK4EA1E  F 051TF                    17460058    + 02300                RW17R K4PGA JS
          SUSAP KLRDK4FR17R  R      020JINSAK4EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KLRDK4FR17R  R      0211CANUK4EA0E S  031TF                    17460033    V 0126001261      -300         A JS
          SUSAP KLRDK4FR17R  R      030RW17RK4PG0GY M 031TF                    17460022      00560           -300         A JS
          SUSAP KLRDK4FR17R  R      040          0  M     CA                   1746        + 01000                      A JS
          SUSAP KLRDK4FR17R  R      050ELKOSK4EA0EY  L    DF                              + 02500                      A JS
          SUSAP KLRDK4FR17R  R      060ELKOSK4EA0EE  R    HM                   31300040    + 02500                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLRDK4GRW17R   0087431746 N27332337W099274471-0200    +0129500504000056150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLRDK4PR17R  RW17R001 0000W17A0N2733233695W09927447110+012950300N2731541100W0992749190010675008800056 4F400350C0A86B48
          SUSAP KLRDK4PR17R  RW17R002E      +01535+01535LPV       82599
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QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 508 THRE: 504	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 17R, AMDT 1 20 OCT 2011	AMDT: ORIG-A
				DATED: 06/08/2006

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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 KLRDK4SRW17RK4PG               0   18018002625                                                          M
```

CITY AND STATE	ELEVATION: 508 THRE: 504	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LAREDO, TX	AIRPORT NAME: LAREDO INTL	RNAV	RNAV (GPS) RWY 17R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 06/08/2006

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
LAREDO, TX	LAREDO INTL	20 OCT 2011	4

TAKEOFF MINIMUMS:

RWY 14, 17L, 17R, 32, 35L, 35R: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 14: CLIMB HEADING 139.31 TO 1000 BEFORE TURNING RIGHT.
RWY 17L: CLIMB HEADING 160.00 TO 1200 BEFORE TURNING RIGHT.
RWY 17R: CLIMB HEADING 160.00 TO 1300 BEFORE TURNING RIGHT.
RWY 32: CLIMB HEADING 319.31 TO 1200 BEFORE TURNING LEFT.
RWY 35L, 35R: CLIMB HEADING 354.56 TO 1000 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, TREES BEGINNING 135 FT FROM DER, 298 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/ 519 FT MSL. SIGN 226 FT FROM DER, 244 FT LEFT OF CENTERLINE, 14 FT AGL/ 474 FT MSL.

NOTE: RWY 17L, TERRAIN BEGINNING 48 FT FROM DER, 333 FT RIGHT OF CENTERLINE, UP TO 478 FT MSL.

NOTE: RWY 17R, TERRAIN BEGINNING 4 FT FROM DER, 219 FT RIGHT OF CENTERLINE, UP TO 489 FT MSL. LIGHT POLES BEGINNING 894 FT FROM DER, 344 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/ 511 FT MSL.

NOTE: RWY 32, AIRCRAFT ON TAXIWAY BEGINNING 50 FT FROM DER, 367 FT LEFT OF CENTERLINE, UP TO 75 FT AGL/ 584 FT MSL. TREES BEGINNING 768 FT FROM DER, 584 FT LEFT OF CENTERLINE, UP TO 59 FT AGL/ 559 FT MSL. TREES BEGINNING 88 FT FROM DER, 275 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/ 559 FT MSL.

NOTE: RWY 35L, MALSR 5 FT FROM DER, ON CENTERLINE, 5 FT AGL/ 505 FT MSL. NAVAID 10 FT FROM DER, ON CENTERLINE, 5 FT AGL/ 505 FT MSL. ANTENNA ON BUILDING 81 FT FROM DER, 404 FT LEFT OF CENTERLINE, 30 FT AGL/ 520 FT MSL.

NOTE: RWY 35R, TERRAIN BEGINNING 19 FT FROM DER, 191 FT LEFT OF CENTERLINE, UP TO 500 FT MSL. TERRAIN BEGINNING 176 FT FROM DER, 489 FT RIGHT OF CENTERLINE, UP TO 512 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 17L, 17R, 32, 35L, 35R: 1449 FT MSL TOWER 273113.00N/0993120.00W.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
PALACIOS, TX	PALACIOS MUNI	22 OCT 2011	ORIG

TAKEOFF MINIMUMS:

RWY 8, 13, 17, 26, 31, 35, STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 8, CLIMBING RIGHT TURN HEADING 120.22 TO 1800 BEFORE PROCEEDING ON COURSE.

RWY 13, CLIMB HEADING 127.20 TO 1100 BEFORE TURNING LEFT.

RWY 35, CLIMB HEADING 352.21 TO 1100 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 31, BUSH 20 FT FROM DER, 296 FT RIGHT OF CENTERLINE, 6 FT AGL/16 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: **RWY 8** - 1547 FT MSL TOWER 284353.98N/0960526.92W.
RWY 13 - 1547 FT MSL TOWER 284353.98N/0960526.92W.
RWY 35 - 1543 FT MSL TOWER 284803.70N/0960732.90W.

QUALITY 3 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROTAN/ABI 35.00 DME	SWW NDB	177.52 / 21.73	4100
TREAT/ABI 14.00 DME	SWW NDB	260.89 / 16.60	4100
LORAN INT/ABI 40.19 DME	SWW NDB	073.37 / 9.64	4100

MISSED APPROACH

MAP: SWW NDB

CLIMB TO 4100 THEN RIGHT TURN DIRECT SWW NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 161.49 INBOUND.
FAS OBST: 2581 AAO 323142N/1003056W
FAC CROSSES RWY C/L EXTENDED 2991 FROM THLD.

1. PT L SIDE OF COURSE 341.49 OUTBOUND 4100 FT WITHIN 10 MILES OF SWW NDB (IAF)
2.
3. FAC 161.49 FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: SWW NDB 230-050 4000, 050-230 4600

MAG VAR: 8E EPOCH YEAR:1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-17	2940	1	599	2940	1	599	2940	1 3/4	599	2940	1 3/4	599			
CIRCLING	2940	1	560	2940	1	560	2940	1 3/4	560	2940	2	560			

NOTES:

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE ALL MDA 80 FEET. INCREASE S-17 CAT C AND D VISIBILITY AND CIRCLING CAT C VISIBILITY 1/8 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2341 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 17
SWEETWATER, TX	AVENGER FIELD	SWW	NDB RWY 17, AMDT 4 20 OCT 2011	AMDT 3 DATE 03/08/1990

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
LORAN	OKWOR (FO)	163.77 / 7.35	4400
OKWOR (IF/IAF)	WATUV (FB)	035.33 / 7.00	4000
WATUV (FAF)	ALATE/1.90 NM TO RW04 (FB)	035.38 / 3.06	
ALATE/1.90 NM TO RW04	RW04 (MAP) (FO)	035.41 / 1.90	
RW04 (MAP)	2630 MSL	035.41	
2630 MSL	AWBIR (FO)		4400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04

CLIMB TO 4400 DIRECT AWBIR AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 215.52 INBOUND.
CHART FAS OBST: 2516 TANK 322752N/1002819W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
WAAS CHANNEL # 72925
REFERENCE PATH ID: W04A
LTP HAE: 698.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW OKWOR, RT, 035.33 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 035.38 FAF: WATUV DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: OKWOR 4400, WATUV 4000, ALATE/1.90 NM TO RW04 3020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: WATUV 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW04 4600

MAG VAR: 8E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2630	1	250	2630	1	250	2630	1	250	2630	1	250			
LNAV/VNAV DA	2727	1 1/8	347	2727	1 1/8	347	2727	1 1/8	347	2727	1 1/8	347			
LNAV MDA	2820	1	440	2820	1	440	2820	1 1/4	440	2820	1 1/4	440			
CIRCLING	2880	1	500	2880	1	500	2880	1 1/2	500	2940	2	560			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING SNYDER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

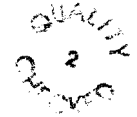
CITY AND STATE	ELEVATION: 2380 THRE: 2380	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 4, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LPV VISIBILITY ALL CATS 1/8 MILE. INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV VISIBILITY CATS C AND D 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT IN/CIRCLING RWY 4 PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 AND 22 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LORAN ON V16 WESTBOUND.



CITY AND STATE	ELEVATION: 2380 THRE: 2380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 4, ORIG 20 OCT 2011	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	KSWW
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	322739.5425N
LTP/FTP LONGITUDE	1002815.4455W
LTP/FTP ELLIPSOIDAL HEIGHT	+06982
FPAP LATITUDE	322844.3800N
FPAP LONGITUDE	1002703.0500W
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	1024
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	88F16200

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07253
FPAP ORTHOMETRIC HEIGHT	+07253

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 4, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ALATE K40    W     N32261656W100294804                    E0061     NAR           ALATE
        SUSAEAENRT   AWBIR K40    W     N32370793W100173930                    E0060     NAR           AWBIR
        SUSAEAENRT   LORAN K40    C   L N32261433W100391209                    E0062     NAR           LORAN
        SUSAEAENRT   OKWOR K40    W     N32185676W100375758                    E0061     NAR           OKWOR
        SUSAEAENRT   WATUV K40    W     N32240277W100321718                    E0061     NAR           WATUV

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4ASWW     0     058YHN32280250W100275960E008002380         1800018000C    MNAR    AVENGER FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4FR04   ALORAN 010LORANK4EA0E       IF                                          18000                A JS
        SUSAP KSWWK4FR04   ALORAN 020OKWORK4EA0EY   020TF                    16380074    + 04400                      A JS
        SUSAP KSWWK4FR04   ALORAN 030OKWORK4EA0EE AR   HF                   03530050    + 04400                      A JS
        SUSAP KSWWK4FR04   R       010OKWORK4EA0E  1    IF                              + 04400     18000            A JS
        SUSAP KSWWK4FR04   R       020WATUVK4EA1E  F 051TF                  03530070    + 04000                RW04  K4PGA JS
        SUSAP KSWWK4FR04   R       020WATUVK4EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KSWWK4FR04   R       021ALATEK4EA0E S  031TF                  03540031    V 0302003025       -300          A JS
        SUSAP KSWWK4FR04   R       030RW04 K4PG0GY M 031TF                  03540019      02420            -300          A JS
        SUSAP KSWWK4FR04   R       040         0  M     CA                  0354        + 02630                        A JS
        SUSAP KSWWK4FR04   R       050AWBIRK4EA0EY      DF                             + 04400                        A JS
        SUSAP KSWWK4FR04   R       060AWBIRK4EA0EE  R   HM                  21550050    + 04400                        A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4GRW04    0056580354 N32273954W100281545-0800    +0698202380000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4PR04   RW04 001 0000W04A0N3227395425W10028154455+069820300N3228443800W1002703050010675102400040OF40050088F16200
        SUSAP KSWWK4PR04   RW04 002E      +07253+07253LPV       72925
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 4, ORIG 20 OCT 2011	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     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4SRW04 K4PG                0   18018004625                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 4, ORIG 20 OCT 2011	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ABI VORTAC	LNDAA (FB)	289.95 / 27.27	4400
WEEPE	EDWNN (FB)	045.27 / 25.20	4400
SHEPP	TORYO (FO)	309.95 / 37.14	4400
LNDAA (IAF)	TORYO (NOPT) (FB)	255.71 / 8.00	4400
EDWNN (IAF)	TORYO (NOPT) (FB)	075.55 / 8.00	4400
TORYO (IF/IAF)	HELBI (FB)	165.63 / 7.15	4000
HELBI (FAF)	HUSDO/1.70 NM TO RW17 (FB)	165.64 / 3.38	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW17

CLIMB TO 4400 DIRECT WOGUG AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 345.67 INBOUND.
CHART FAS OBST: 2419 TREE 323005N/1002903W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
WAAS CHANNEL # 42625
REFERENCE PATH ID: W17A
LTP HAE: 686.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N TORYO, RT, 165.63 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 165.64 FAF: HELBI DIST FAF TO MAP: 5.08 THLD: 5.08
4. MIN. ALT: TORYO 4400, HELBI 4000, HUSDO/1.70 NM TO RW17 2920*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: HELBI 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW17 4600

MAG VAR: 8E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2591	1	250	2591	1	250	2591	1	250	2591	1	250			
LNAV/VNAV DA	2596	1	255	2596	1	255	2596	1	255	2596	1	255			
LNAV MDA	2680	1	339	2680	1	339	2680	1	339	2680	1	339			
CIRCLING	2880	1	500	2880	1	500	2880	1 1/2	500	2940	2	560			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING SNYDER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 17 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECK

CITY AND STATE	ELEVATION: 2380 THRE: 2341	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD		RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUSDO/1.70 NM TO RW17	RW17 (MAP) (FO)	165.65 / 1.70	
RW17 (MAP)	2591 MSL	165.65	
2591 MSL	WOGUG (FO)		4400

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LPV, LNAV VNAV ALL CATS AND LNAV CATS C AND D VISIBILITY 1/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC AIRWAY RADIALS 242 CW 319.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEPP ON V94 EASTBOUND.

CITY AND STATE	ELEVATION: 2380 THRE: 2341	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	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	KSWW
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	322833.7655N
LTP/FTP LONGITUDE	1002810.0695W
LTP/FTP ELLIPSOIDAL HEIGHT	+06863
FPAP LATITUDE	322705.0400N
FPAP LONGITUDE	1002758.4200W
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	0968
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D04F65BC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07134
FPAP ORTHOMETRIC HEIGHT	+07134

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ABI   K4011370VTHW N32285278W099514845    N32285278W099514845E0100018102     NARABILENE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EDWNN K40    W     N32395107W100391138                      E0062     NAR           EDWNN
        SUSAEAENRT   HELBI K40    W     N32333757W100284999                      E0061     NAR           HELBI
        SUSAEAENRT   HUSDO K40    W     N32301535W100282341                      E0061     NAR           HUSDO
        SUSAEAENRT   LNDAA K40    W     N32413779W100202102                      E0060     NAR           LNDAA
        SUSAEAENRT   SHEPP K40    C   L N32131005W100001765                      E0058     NAR           SHEPP
        SUSAEAENRT   TORYO K40    W     N32404478W100294629                      E0061     NAR           TORYO
        SUSAEAENRT   WEEPE K40    C   L N32244742W101030659                      E0064     NAR           WEEPE
        SUSAEAENRT   WOGUG K40    W     N32153285W100262781                      E0060     NAR           WOGUG

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4ASWW     0     058YHN32280250W100275960E008002380         1800018000C    MNAR    AVENGER FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4FR17   AABI   010ABI  K4D 0V       IF                                                18000                A JS
        SUSAP KSWWK4FR17   AABI   020LNDAAK4EA0E  A 020TF                    29000273    + 04400                            A JS
        SUSAP KSWWK4FR17   AABI   030TORYOK4EA0EE B 010TF                    25570080    + 04400                            A JS
        SUSAP KSWWK4FR17   ASHEPP 010SHEPPK4EA0E       IF                                                18000                A JS
        SUSAP KSWWK4FR17   ASHEPP 020TORYOK4EA0EY   020TF                    31000371    + 04400                            A JS
        SUSAP KSWWK4FR17   ASHEPP 030TORYOK4EA0EE AR   HF                    16560050    + 04400                            A JS
        SUSAP KSWWK4FR17   AWEEPE 010WEEPEK4EA0E       IF                                                18000                A JS
        SUSAP KSWWK4FR17   AWEEPE 020EDWNNK4EA0E  A 020TF                    04530252    + 04400                            A JS
        SUSAP KSWWK4FR17   AWEEPE 030TORYOK4EA0EE B 010TF                    07560080    + 04400                            A JS
        SUSAP KSWWK4FR17   R      010TORYOK4EA0E  I    IF                                + 04400     18000                  A JS
        SUSAP KSWWK4FR17   R      020HELBIK4EA1E  F 051TF                    16560072    + 04000                  RW17  K4PGA JS
        SUSAP KSWWK4FR17   R      020HELBIK4EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KSWWK4FR17   R      021HUSDOK4EA0E S  031TF                    16560034    V 0292002922        -300           A JS
        SUSAP KSWWK4FR17   R      030RW17 K4PG0GY M 031TF                    16570017      02381             -300           A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2341	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	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
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4FR17   R      040         0  M     CA                    1657       + 02591                          A JS
        SUSAP KSWWK4FR17   R      050WOGUGK4EA0EY      DF                               + 04400                          A JS
        SUSAP KSWWK4FR17   R      060WOGUGK4EA0EE  R   HM                    34570050   + 04400                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4GRW17    0058401657 N32283377W100281007+0500    +06863023410000401 00R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4PR17   RW17 001 0000W17A0N3228337655W10028100695+068630300N3227050400W100275842001067509680004 00F400500D04F65BC
        SUSAP KSWWK4PR17   RW17 002E      +07134+07134LPV       42625

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4SRW17 K4PG               0   18018004625                                                              M
```

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 2380 THRE: 2341	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 17, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LORAN	AWBIR (FO)	051.08 / 21.21	4400
ABI VORTAC (IAF)	AWBIR (NOPT) (FB)	282.77 / 23.35	4400
AWBIR (IF/IAF)	HOBKU (FB)	215.52 / 7.00	4000
HOBKU (FAF)	LOKEC/1.60 NM TO RW22 (FB)	215.47 / 3.50	
LOKEC/1.60 NM TO RW22	RW22 (MAP) (FO)	215.44 / 1.60	
RW22 (MAP)	2587 MSL	215.44	
2587 MSL	OKWOR (FO)		4400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

CLIMB TO 4400 DIRECT OKWOR AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 035.33 INBOUND.
CHART FAS OBST: 2419 TREE 322856N/1002725W
DISTANCE TO THLD FROM 250 HATH: 0.66 NM.
WAAS CHANNEL # 49125
REFERENCE PATH ID: W22A
LTP HAE: 685.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE AWBIR, RT, 215.52 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 215.47 FAF: HOBKU DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: AWBIR 4400, HOBKU 4000, LOKEC/1.60 NM TO RW22 2880*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: HOBKU 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW22 4600

MAG VAR: 8E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2587	1	250	2587	1	250	2587	1	250	2587	1	250			
LNAV/VNAV DA	2587	1	250	2587	1	250	2587	1	250	2587	1	250			
LNAV MDA	2680	1	343	2680	1	343	2680	1	343	2680	1	343			
CIRCLING	2880	1	500	2880	1	500	2880	1 1/2	500	2940	2	560			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 AND 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING SNYDER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 22 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2337	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 22, ORIG 20 OCT 2011	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: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE. INCREASE LNAV CATS C AND D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON ABI VORTAC AIRWAY RADIALS 195 CW 319.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
SWEETWATER, TX	**ELEVATION: 2380** **THRE: 2337** AIRPORT NAME: **AVENGER FIELD**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 20 OCT 2011	SUP: AMDT: **NONE** DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV 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.

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSWW
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	322820.1965N
LTP/FTP LONGITUDE	1002730.0620W
LTP/FTP ELLIPSOIDAL HEIGHT	+06852
FPAP LATITUDE	322715.3600N
FPAP LONGITUDE	1002842.4500W
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	1024
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	E05B2916

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07123
FPAP ORTHOMETRIC HEIGHT	+07123

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2337	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 22, ORIG 20 OCT 2011	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        ABI    K4011370VTHW N32285278W099514845    N32285278W099514845E0100018102     NARABILENE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AWBIR K40    W     N32370793W100173930                    E0060     NAR           AWBIR
        SUSAEAENRT   HOBKU K40    W     N32320264W100232141                    E0060     NAR           HOBKU
        SUSAEAENRT   LOKEC K40    W     N32293005W100261203                    E0061     NAR           LOKEC
        SUSAEAENRT   LORAN K40    C   L N32261433W100391209                    E0062     NAR           LORAN
        SUSAEAENRT   OKWOR K40    W     N32185676W100375758                    E0062     NAR           OKWOR

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4ASWW     0      058YHN32280250W100275960E008002380         1800018000C    MNAR    AVENGER FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4FR22   AABI   010ABI  K4D 0V  A    IF                                                  18000                A JS
        SUSAP KSWWK4FR22   AABI   020AWBIRK4EA0EE B 010TF                  28280234    + 04400                                  A JS
        SUSAP KSWWK4FR22   ALORAN 010LORANK4EA0E       IF                                                  18000                A JS
        SUSAP KSWWK4FR22   ALORAN 020AWBIRK4EA0EY   020TF                 05110212    + 04400                                  A JS
        SUSAP KSWWK4FR22   ALORAN 030AWBIRK4EA0EE AR   HF                 21550050    + 04400                                  A JS
        SUSAP KSWWK4FR22   R      010AWBIRK4EA0E  I    IF                             + 04400     18000                        A JS
        SUSAP KSWWK4FR22   R      020HOBKUK4EA1E  F 051TF                  21550070    + 04000                 RW22  K4PGA    JS
        SUSAP KSWWK4FR22   R      020HOBKUK4EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KSWWK4FR22   R      021LOKECK4EA0E S  031TF                  21550035    V 0288002886        -300              A JS
        SUSAP KSWWK4FR22   R      030RW22 K4PG0GY M 031TF                  21540016      02377             -300              A JS
        SUSAP KSWWK4FR22   R      040         0  M     CA                  2154        + 02587                               A JS
        SUSAP KSWWK4FR22   R      050OKWORK4EA0EY      DF                             + 04400                               A JS
        SUSAP KSWWK4FR22   R      060OKWORK4EA0EE  R   HM                  03530050    + 04400                               A JS
```

CITY AND STATE	ELEVATION: 2380 THRE: 2337	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 22, ORIG 20 OCT 2011	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 KSWWK4GRW22    0056582154 N32282020W100273006+0800    +0685202337000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4PR22   RW22 001 0000W22A0N3228201965W10027300620+068520300N3227153600W10028424500106751024000400F400500E05B2916
        SUSAP KSWWK4PR22   RW22 002E      +07123+07123LPV       49125

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4SRW22 K4PG                0   18018004625                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2337	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 22, ORIG 20 OCT 2011	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEEPE	HOPOS (FB)	105.51 / 25.22	4400
TREAT	WOGUG (FO)	223.13 / 19.76	4400
SHEPP (IAF)	WOGUG (NOPT) (FB)	268.22 / 22.32	4400
HOPOS (IAF)	WOGUG (NOPT) (FB)	075.59 / 8.00	4400
WOGUG (IF/IAF)	JOTRA (FB)	345.67 / 7.15	4000
JOTRA (FAF)	KOPPE/1.90 NM TO RW35 (FB)	345.66 / 3.06	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW35

CLIMB TO 4400 DIRECT TORYO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 165.63 INBOUND.
CHART FAS OBST: 2516 TANK 322752N/1002819W
DISTANCE TO THLD FROM 250 HATH: 0.62 NM.
WAAS CHANNEL # 78225
REFERENCE PATH ID: W35A
LTP HAE: 695 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S WOGUG, RT, 345.67 INBOUND, 4400 FT. IN LIEU OF PT (IAF)
3. FAC: 345.66 FAF: JOTRA DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: WOGUG 4400, JOTRA 4000, KOPPE/1.90 NM TO RW35 3020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4000 GS ALT AT: JOTRA 4000 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
8. MSA FROM: RW35 4600

MAG VAR: 8E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	2619	1	250	2619	1	250	2619	1	250	2619	1	250			
LNAV/VNAV DA	2727	1 1/8	358	2727	1 1/8	358	2727	1 1/8	358	2727	1 1/8	358			
LNAV MDA	2820	1	451	2820	1	451	2820	1 3/8	451	2820	1 3/8	451			
CIRCLING	2880	1	500	2880	1	500	2880	1 1/2	500	2940	2	560			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 17 AND 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING SNYDER ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19C (-2F) OR ABOVE 29C (84F).
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 35 PROCEDURE NA AT NIGHT.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2369	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
KOPPE/1.90 NM TO RW35	RW35 (MAP) (FO)	345.65 / 1.90	
RW35 (MAP)	2619 MSL	345.65	
2619 MSL	TORYO (FO)		4400

NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED, USE SNYDER ALTIMETER SETTING AND INCREASE ALL DA 72 FEET AND ALL MDA 80 FEET. INCREASE LNAV/VNAV VISIBILITY ALL CATS 1/4 MILE AND LNAV VISIBILITY CATS C AND D 1/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHEPP ON V94 EASTBOUND AND V77 NORTHBOUND.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2369	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 35, ORIG	AMDT: NONE
			20 OCT 2011	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	KSWW
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	322736.3465N
LTP/FTP LONGITUDE	1002802.5310W
LTP/FTP ELLIPSOIDAL HEIGHT	+06950
FPAP LATITUDE	322905.0800N
FPAP LONGITUDE	1002814.1800W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0968
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7D326100

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+07221
FPAP ORTHOMETRIC HEIGHT	+07221

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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   HOPOS K40    W     N32143947W100355033                      E0061     NAR           HOPOS
          SUSAEAENRT   JOTRA K40    W     N32224010W100272368                      E0060     NAR           JOTRA
          SUSAEAENRT   KOPPE K40    W     N32254282W100274763                      E0061     NAR           KOPPE
          SUSAEAENRT   SHEPP K40    C   L N32131005W100001765                      E0058     NAR           SHEPP
          SUSAEAENRT   TORYO K40    W     N32404478W100294629                      E0061     NAR           TORYO
          SUSAEAENRT   TREAT K40    R   L N32275958W100081941                      E0059     NAR           TREAT
          SUSAEAENRT   WEEPE K40    C   L N32244742W101030659                      E0064     NAR           WEEPE
          SUSAEAENRT   WOGUG K40    W     N32153285W100262781                      E0060     NAR           WOGUG

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSWWK4ASWW     0     058YHN32280250W100275960E008002380          1800018000C    MNAR    AVENGER FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KSWWK4FR35   ASHEPP 010SHEPPK4EA0E  A    IF                                                  18000              A JS
          SUSAP KSWWK4FR35   ASHEPP 020WOGUGK4EA0EE B 010TF                    26820223    + 04400                              A JS
          SUSAP KSWWK4FR35   ATREAT 010TREATK4EA0E       IF                                                  18000              A JS
          SUSAP KSWWK4FR35   ATREAT 020WOGUGK4EA0EY   020TF                    22310198    + 04400                              A JS
          SUSAP KSWWK4FR35   ATREAT 030WOGUGK4EA0EE AR   HF                    34570050    + 04400                              A JS
          SUSAP KSWWK4FR35   AWEEPE 010WEEPEK4EA0E       IF                                                  18000              A JS
          SUSAP KSWWK4FR35   AWEEPE 020HOPOSK4EA0E  A 020TF                    10550252    + 04400                              A JS
          SUSAP KSWWK4FR35   AWEEPE 030WOGUGK4EA0EE B 010TF                    07560080    + 04400                              A JS
          SUSAP KSWWK4FR35   R      010WOGUGK4EA0E  I    IF                                + 04400     18000                    A JS
          SUSAP KSWWK4FR35   R      020JOTRAK4EA1E  F 051TF                    34570072    + 04000                 RW35  K4PGA JS
          SUSAP KSWWK4FR35   R      020JOTRAK4EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
          SUSAP KSWWK4FR35   R      021KOPPEK4EA0E S  031TF                    34570031    V 0302003026        -300             A JS
          SUSAP KSWWK4FR35   R      030RW35 K4PG0GY M 031TF                    34570019      02421             -300             A JS
          SUSAP KSWWK4FR35   R      040         0  M     CA                    3457        + 02619                              A JS
          SUSAP KSWWK4FR35   R      050TORYOK4EA0EY      DF                                + 04400                              A JS
          SUSAP KSWWK4FR35   R      060TORYOK4EA0EE  R   HM                    16560050    + 04400                              A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2369	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	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 KSWWK4GRW35    0058403457 N32273635W100280253-0500    +0695002369000052100R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4PR35   RW35 001 0000W35A0N3227363465W10028025310+069500300N3229050800W100281418001067509680005 20F4005007D326100
        SUSAP KSWWK4PR35   RW35 002E      +07221+07221LPV       78225

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSWWK4SRW35 K4PG                0   18018004625                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 2380 THRE: 2369	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SWEETWATER, TX	AIRPORT NAME: AVENGER FIELD	RNAV	RNAV (GPS) RWY 35, ORIG 20 OCT 2011	AMDT: NONE DATED:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BLF VORTAC (IAF)	NAYIC/I-JFZ 16.32 DME	244.13 / 16.50	5900
NAYIC/I-JFZ 16.32 DME (IF)	DIKTE/9.08 DME	251.63 / 7.24 (I-JFZ)	5300
DIKTE/9.08 DME	LATIC/6.37 DME	251.63 / 2.71 (I-JFZ)	4500

MISSED APPROACH

MAP: I-JFZ 0.74 DME FIX

CLIMBING RIGHT TURN TO 6000 ON HEADING 324 AND GZG R-011 TO STACY INT/GZG 31.42 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMBING RIGHT TURN TO 7000 ON HEADING 032 AND BLF R-277 TO KENYA/BLF 16.90 DME AND (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 011.07 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W KENYA/BLF 16.90 DME, RT, 096.57 INBOUND.
CHART FAS OBST: 2939 TREE 370405N/0814644W
LATIC TO RW25: 3.00/54
CHART ARRIVAL HOLDING AT BLF VORTAC: HOLD NE, RT, 243.96 INBOUND, 6000.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NAYIC/I-JFZ 16.32 DME
3. FAC 251.63 FAF LATIC/6.37 DME DIST FAF TO MAP ____ THLD 5.63
4. MIN. ALT NAYIC 5900, DIKTE 5300, LATIC 4500, JANEX/2.74 DME 3340
8. MSA FROM: GZG VOR/DME 058-328 7000, 328-058 5900

MAG VAR: 6W EPOCH YEAR:1995

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-25	3200	1	547	3200	1	547	3200	1 5/8	547		NA				
CIRCLING	3240	1	587	3240	1	587	3240	1 5/8	587		NA				

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 WISE ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET, INCREASE S-25 CAT C VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 3/8 MILE.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	I-JFZ	LOC/DME RWY 25, AMDT 1 20 OCT 2011	AMDT ORIG-A
				DATE 04/07/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC/DME STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

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MISSED APPROACH INSTRUCTIONS, (CONT.):
HOLD, CONTINUE CLIMB-IN-HOLD TO 7000. (DME REQUIRED.)

NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 25 PROCEDURE NA AT NIGHT.
CHART PLANVIEW NOTE: NOPT FOR ARRIVAL ON BLF VORTAC AIRWAY RADIALS 340 CW 122.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 7 NA AT NIGHT.

CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	I-JFZ	LOC/DME RWY 25, AMDT 1 20 OCT 2011	AMDT: ORIG-A
				DATED: 04/07/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
NAYIC (IF/IAF)	DIKTE (FB)	251.81 / 7.24	5300
DIKTE	LATIC (FB)	251.72 / 2.71	4500
LATIC (FAF)	JANEX/2.00 NM TO RW25 (FB)	251.70 / 3.63	
JANEX/2.00 NM TO RW25	RW25 (MAP) (FO)	251.65 / 2.00	
RW25 (MAP)	3800 MSL	251.65	3800
3800 MSL	NAYIC (FO)		6400

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

CLIMB TO 3800 THEN CLIMBING RIGHT TURN TO 6400 DIRECT NAYIC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6400.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 2883 TREE 370422N/0814604W
CHART FAS OBST: 2939 TREE 370405N/0814644W
3559 AAO 370448N/0814002W
DISTANCE TO THLD FROM 548 HATH: 1.54 NM.
WAAS CHANNEL # 53524
REFERENCE PATH ID: W25A
LTP HAE: 778 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E NAYIC, RT, 251.81 INBOUND, 6400 FT. IN LIEU OF PT (IAF)
3. FAC: 251.69 FAF: LATIC DIST FAF TO MAP: 5.63 THLD: 5.63
4. MIN. ALT: NAYIC 6400, DIKTE 5300, LATIC 4500, JANEX/2.00 NM TO RW25 3340'
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 4500 GS ALT AT: LATIC 4500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 6W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	3201	1 7/8	548	3201	1 7/8	548	3201	1 7/8	548		NA				
LNAV/VNAV DA	3210	1 7/8	557	3210	1 7/8	557	3210	1 7/8	557		NA				
LNAV MDA	3200	1	547	3200	1	547	3200	1 5/8	547		NA				
CIRCLING	3240	1	587	3240	1	587	3240	1 5/8	587		NA				

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING WISE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	RNAV	RNAV (GPS) RWY 25, AMDT 1 20 OCT 2011	AMDT: ORIG
				DATED 02/16/2006

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

NOTES, (CONT.):
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
*LNAV ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WISE ALTIMETER SETTING AND INCREASE ALL DA 86 FEET AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 3/8 MILE, INCREASE LNAV CAT C VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 25 PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP CIRCLING RWY 7 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	162/30 CW 342/30 (NOPT)	NAYIC (IF/IAF) (FB)	6400
2.	342/30 CW 162/30	342/22 CW 162/22	7400
3.	342/22 CW 162/22	NAYIC (IF/IAF) (FB)	6400

CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	RNAV	RNAV (GPS) RWY 25, AMDT 1 20 OCT 2011	AMDT: ORIG
				DATED: 02/16/2006

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFZ
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	370358.2550N
LTP/FTP LONGITUDE	0814729.6035W
LTP/FTP ELLIPSOIDAL HEIGHT	+07780
FPAP LATITUDE	370321.4400N
FPAP LONGITUDE	0814910.9900W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DBCD0AF6

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+08087
FPAP ORTHOMETRIC HEIGHT	+08087

CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	RNAV	RNAV (GPS) RWY 25, AMDT 1	AMDT: ORIG
			20 OCT 2011	DATED: 02/16/2006

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DIKTE K60    C     N37072462W081375965                     W0072     NAR           DIKTE
        SUSAEAENRT   JANEX K60    C     N37044782W081451300                     W0071     NAR           JANEX
        SUSAEAENRT   LATIC K60    C     N37061763W081410499                     W0072     NAR           LATIC
        SUSAEAENRT   NAYIC K60    C     N37102314W081294418                     W0074     NAR           NAYIC

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFZK6AJFZ     0     042YHN37034950W081475380W006002653         1800018000C    MNAR    TAZEWELL COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFZK6FR25   ANAYIC 010NAYICK6EA0EE AR   HF                    25180070    + 06400     18000                A JS
        SUSAP KJFZK6FR25   R      010NAYICK6EA0E  I    IF                                + 06400     18000                A JS
        SUSAP KJFZK6FR25   R      011DIKTEK6EA0E S  051TF                    25180072    + 05300                          A JS
        SUSAP KJFZK6FR25   R      020LATICK6EA1E  F 051TF                    25170027    + 04500                          A JS
        SUSAP KJFZK6FR25   R      020LATICK6EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KJFZK6FR25   R      021JANEXK6EA0E S  031TF                    25170036    V 0334003344        -300         A JS
        SUSAP KJFZK6FR25   R      030RW25 K6PG0GY M 031TF                    25170020      02707             -300         A JS
        SUSAP KJFZK6FR25   R      040          0  M     CA                   2517        + 03800                          A JS
        SUSAP KJFZK6FR25   R      050NAYICK6EA0EY  R   DF                              + 06400                          A JS
        SUSAP KJFZK6FR25   R      060NAYICK6EA0EE  R   HM                    25180070    + 06400                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFZK6GRW25    0042992516 N37035826W081472960+0000    +0778002653000054075R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFZK6PR25   RW25 001 0000W25A0N3703582550W08147296035+077800300N3703214400W08149109900106751440000540F400500DBCD0AF6
        SUSAP KJFZK6PR25   RW25 002E      +08087+08087LPV       53524
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CITY AND STATE	ELEVATION: 2653 THRE: 2653	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RICHLANDS, VA	AIRPORT NAME: TAZEWELL COUNTY	RNAV	RNAV (GPS) RWY 25, AMDT 1 20 OCT 2011	AMDT: ORIG DATED: 02/16/2006

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BONOT INT/I-GMF 12.52 DME/RADAR (IF/IAF)	FIDNO INT/I-GMF 5.79 DME/RADAR	073.65 / 6.73 (I-GMF)	2700

MISSED APPROACH

ILS: DA
LOC: 6.03 MILES AFTER FIDNO INT/GMF 5.79 DME/RADAR

CLIMB TO 2900 THEN LEFT TURN DIRECT BAE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 911 POLE 425542N/0875653W
CHART I-GMF DME ANTENNA IN PROFILE VIEW
CHART VDP AT 0.98 DME*;
DISTANCE VDP TC THLD 1.22 MILES.
*LOC ONLY.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT BONOT
3. FAC: 073.65 FAF: FIDNO INT/I-GMF 5.79 DME/RADAR DIST FAF TO MAP: 6.03 THLD: 6.03
4. MIN. ALT: BONOT 2900, FIDNO 2700, HULOX INT/I-GMF 1.56 DME/RADAR 1280*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1180
6. MIN GS INCPT: 2700 GS ALT AT: FIDNO 2700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 49.9
8. MSA FROM: BAE VORTAC 2900

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 7R**	929	2400	200	929	2400	200	929	2400	200	929	2400	200			
S-LOC 7R	1280	2400	551	1280	2400	551	1280	6000	551	1280	6000	551			
CIRCLING	1280	1	551	1280	1	551	1280	1 5/8	551	1280	2	551			
HULOX FIX MINIMUMS (DUAL VOR RECEIVERS OR DME OR RADAR REQUIRED)															
S-LOC 7R	1180	2400	451	1180	2400	451	1180	4500	451	1180	4500	451			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: **RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	GENERAL MITCHELL INTL	I-GMF	ILS OR LOC RWY 7R, AMDT 16 20 OCT 2011	AMDT: 15B DATED 05/07/2009

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ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE   K5011640VTHA N43070067W088170365    N43070067W088170365E0020010702     NARBADGER
        SUSAD KMKEK5 IGMF  K5011150 IT                    IGMFN42561849W087552367     007300     NARGENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BONOT K50    C   L N42521818W088113231                    W0033     NAR           BONOT
        SUSAEAENRT   FIDNO K50    C     N42542641W088025142                    W0034     NAR           FIDNO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FI07R  I      010BONOTK5EA0E  D    IF IGMFK5      25370143        PI  J 029000270018000                    0 NS
        SUSAP KMKEK5FI07R  I      020FIDNOK5EA0E  F    CF IGMFK5      25370075074000 67PI  H 0270002700        -300BAE   K5D 0 NS
        SUSAP KMKEK5FI07R  I      030RW07RK5PG0GY M    CF IGMFK5      25370015074000 60PI    00779             -300          0 NS
        SUSAP KMKEK5FI07R  I      040         0  M     CA                      0737         + 02900                         0 NS
        SUSAP KMKEK5FI07R  I      050BAE  K5D 0VY  L   DF                                   + 02900                         0 NS
        SUSAP KMKEK5FI07R  I      060BAE  K5D 0VE  R   HM                      0900T010     + 02900                         0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW07R   0083000737 N42562066W087550393-0700    +018720072900005015OIIGMF1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5IIGMF1   011150RW07RN42564889W087530806073 7N42562048W0875447140781 11800441300W00205000707

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SBAE  K5D               0   18018002925                                                                    M
```

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-GMF**	**ILS OR LOC RWY 7R, AMDT 16** 20 OCT 2011	AMDT: **15B** DATED: **05/07/2009**

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

ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		BONOT	010	FACF	IF		FB				AA 02900 GI 02700	
		FIDNO	020	FAF	CF		FB		074.0()	006.7	GI 02700 GS 02700	
		RW07R	030	MAP	CF		FO		074.0()	006.0	AT 00779	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		073.7()		AA 02900	
	BAE	050		DF	L	FO				AA 02900	
	BAE	060		HM	R	FO		090.0()	T01.0	AA 02900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.65	N4307.011	W08817.061
	IGMF (DME)	N425618.49	W0875523.67	N4256.308	W08755.395
	BONOT	N425218.18	W0881132.31	N4252.303	W08811.539
	FIDNO	N425426.41	W0880251.42	N4254.440	W08802.857
	RW07R	N425620.66	W0875503.93	N4256.344	W08755.066
	IGMF (LOC)	N425648.89	W0875308.06	N4256.815	W08753.134

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	00729	50

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-GMF**	**ILS OR LOC RWY 7R, AMDT 16** 20 OCT 2011	AMDT: **15B**
				DATED: **05/07/2009**

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

ARINC PACKET - 424-18 - LOC

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE   K5011640VTHA N43070067W088170365    N43070067W088170365E0020010702     NARBADGER
        SUSAD KMKEK5 IGMF  K5011150 IT                    IGMFN42561849W087552367     007300     NARGENERAL MITCHELL INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BONOT K50    C   L N42521818W088113231                        W0033     NAR          BONOT
        SUSAEAENRT   FIDNO K50    C     N42542641W088025142                        W0034     NAR          FIDNO
        SUSAEAENRT   HULOX K50    C     N42554663W087572346                        W0035     NAR          HULOX

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FL07R  L      010BONOTK5EA0E  D    IF IGMFK5      25370143         PI  + 02900     18000                  0 NS
        SUSAP KMKEK5FL07R  L      020FIDNOK5EA0E  F    CF IGMFK5      25370075074000067PI  + 02700                BAE   K5D 0 NS
        SUSAP KMKEK5FL07R  L      021HULOXK5EA0E S     CF IGMFK5      25370033074000042PI  + 01280           -301          0 NS
        SUSAP KMKEK5FL07R  L      030RW07RK5PG0GY M    CF IGMFK5      25370015074000018PI    00779           -301          0 NS
        SUSAP KMKEK5FL07R  L      040         0  M     CA                      0737         + 02900                        0 NS
        SUSAP KMKEK5FL07R  L      050BAE  K5D 0VY  L   DF                               + 02900                        0 NS
        SUSAP KMKEK5FL07R  L      060BAE  K5D 0VE  R   HM                      0900T010    + 02900                        0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW07R   0083000737 N42562066W087550393-0700    +018720072900005015OIIGMF1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5IIGMF1   011150RW07RN42564889W087530806073 7N42562048W0875447140781 11800441300W00205000707

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SBAE  K5D               0   18018002925                                                                      M
```

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-GMF**	**ILS OR LOC RWY 7R, AMDT 16** 20 OCT 2011	AMDT: **15B** DATED: **05/07/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		BONOT	010	FACF	IF		FB				AA 02900	
		FIDNO	020	FAF	CF		FB		074.0()	006.7	AA 02700	
		HULOX	021	SDF	CF		FB		074.0()	004.2	AA 01280	
		RW07R	030	MAP	CF		FO		074.0()	001.8	AT 00779	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		073.7()		AA 02900	
	BAE	050		DF	L	FO				AA 02900	
	BAE	060		HM	R	FO		090.0()	T01.0	AA 02900	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.65	N4307.011	W08817.061
	IGMF (DME)	N425618.49	W0875523.67	N4256.308	W08755.395
	BONOT	N425218.18	W0881132.31	N4252.303	W08811.539
	FIDNO	N425426.41	W0880251.42	N4254.440	W08802.857
	HULOX	N425546.63	W0875723.46	N4255.777	W08757.391
	RW07R	N425620.66	W0875503.93	N4256.344	W08755.066
	IGMF (LOC)	N425648.89	W0875308.06	N4256.815	W08753.134

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07R	00729	50

CITY AND STATE	ELEVATION: **729** **THRE: 729**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-GMF**	**ILS OR LOC RWY 7R, AMDT 16** 20 OCT 2011	AMDT: **15B** DATED: **05/07/2009**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.25

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TERMINAL ROUTES

FROM	TC	COURSE AND DISTANCE	ALTITUDE
CITKI/I-PXY 13.99 DME/RADAR (IF/IAF)	FAHEY/I-PXY 7.14 DME/RADAR	253.66 / 6.85 (I-PXY)	2500

MISSED APPROACH

MAP: 5.60 MILES AFTER FAHEY/PXY 7.14 DME/RADAR OR AT I-PXY 1.54 DME FIX

CLIMB TO 2800 THEN RIGHT TURN DIRECT BAE VORTAC AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2800 THEN CLIMBING RIGHT TURN TO 3000 DIRECT LJT VOR/DME AND ON LJT VOR/DME R-086 TO PROOT INT AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 090.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N PROOT INT, RT, 172.46 INBOUND.
CHART FAS OBST: 891 STACK 425721N/0875146W
CHART VDP AT 2.93 DME;
DISTANCE VDP TO THLD 1.39 MILES.
CHART IN PLANVIEW: PROOT INT.
FAHEY TO RW25L: 3.00/47.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CITKI
3. FAC 253.66 FAF FAHEY/I-PXY 7.14 DME/RADAR DIST FAF TO MAP 5.60 THLD 5.60
4. MIN. ALT CITKI 2900, FAHEY 2500
8. MSA FROM: BAE VORTAC 2900

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-25L	1160	1	490	1160	1	490	1160	1 3/8	490	1160	1 3/8	490			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 670 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MILWAUKEE, WI	GENERAL MITCHELL INTL	I-PXY	LOC RWY 25L, AMDT 5 20 OCT 2011	AMDT 4A DATE 06/22/1995

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.25

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

N/A

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MILWAUKEE, WI	**ELEVATION: 729** **THRE: 670** AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-PXY**	**LOC RWY 25L, AMDT 5** 20 OCT 2011	SUP: AMDT: **4A** DATED: **06/22/1995**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE   K5011640VTHA N43070067W088170365    N43070067W088170365E0020010702     NARBADGER
        SUSAD KMKEK5 IPXY  K5011150 IT                    IPXYN42561849W087552367     007300     NARGENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CITKI K50    C     N43003909W087371710                    W0038     NAR           CITKI
        SUSAEAENRT   FAHEY K50    C     N42583064W087460910                    W0037     NAR           FAHEY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FL25L  L      010CITKIK5EA0E  D    IF IPXYK5      07360140        PI  + 02900     18000                  0 NS
        SUSAP KMKEK5FL25L  L      020FAHEYK5EA0E  F    CF IPXYK5      0736007125400069PI  + 02500                BAE   K5D 0 NS
        SUSAP KMKEK5FL25L  L      030RW25LK5PG0GY M    CF IPXYK5      0736001525400056PI    00717              -300          0 NS
        SUSAP KMKEK5FL25L  L      040         0  M     CA                    2537         + 02800                        0 NS
        SUSAP KMKEK5FL25L  L      050BAE  K5D 0VY      DF                                 + 02800                        0 NS
        SUSAP KMKEK5FL25L  L      060BAE  K5D 0VE  R   HM                    0900T010     + 02800                        0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW25L   0083002537 N42564512W087532354+0700    +016910067004324715ORIPXY0

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5IIPXY0   011150RW25LN42561606W0875522762537                1476     0496   W0020

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SBAE  K5D               0   18018002925                                                                          M
```

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-PXY**	**LOC RWY 25L, AMDT 5** 20 OCT 2011	AMDT: **4A**
				DATED: **06/22/1995**

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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

ARINC SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		CITKI	010	FACF	IF		FB				AA 02900	
		FAHEY	020	FAF	CF		FB		254.0()	006.9	AA 02500	
		RW25L	030	MAP	CF		FO		254.0()	005.6	AT 00717	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		253.7()		AA 02800	
	BAE	050		DF		FO				AA 02800	
	BAE	060		HM	R	FO		090.0()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BAE	N430700.67	W0881703.65	N4307.011	W08817.061
	IPXY (DME)	N425618.49	W0875523.67	N4256.308	W08755.395
	CITKI	N430039.09	W0873717.10	N4300.652	W08737.285
	FAHEY	N425830.64	W0874609.10	N4258.511	W08746.152
	RW25L	N425645.12	W0875323.54	N4256.752	W08753.392
	IPXY (LOC)	N425616.06	W0875522.76	N4256.268	W08755.379

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW25L	00670	47

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**I-PXY**	**LOC RWY 25L, AMDT 5** 20 OCT 2011	AMDT: **4A**
				DATED: **06/22/1995**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
EMEWO (IF)	FIDNO (FB)	073.44 / 6.90	2700
FIDNO (FAF)	HULOX/1.80 NM TO RW07R (FB)	073.56 / 4.23	
HULOX/1.80 NM TO RW07R	RW07R (MAP) (FO)	073.62 / 1.80	
RW07R (MAP)	2900 MSL	073.62	2900
2900 MSL	BAE VORTAC (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW07R

CLIMB TO 2900 THEN CLIMBING LEFT TURN TO 3000 DIRECT BAE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 909 TREE 425624N/0875645W
CHART FAS OBST: 921 TANK 425525N/0875654W
DISTANCE TO THLD FROM 200 HATH: 0.47 NM.
CHART VDP AT 1.22 MILES TO RW07R*
*LNAV ONLY.
WAAS CHANNEL # 69226
REFERENCE PATH ID: W07A
LTP HAE: 187.2 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT EMEWO
3. FAC: 073.56 FAF: FIDNO DIST FAF TO MAP: 6.03 THLD: 6.03
4. MIN. ALT: EMEWO 2900, FIDNO 2700, HULOX/1.80 NM TO RW07R 1340*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: FIDNO 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.9 34:1 IS CLEAR
8. MSA FROM: RW07R 2900

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	929	2400	200	929	2400	200	929	2400	200	929	2400	200			
LNAV/VNAV DA	1232	6000	503	1232	6000	503	1232	6000	503	1232	6000	503			
LNAV MDA	1180	2400	451	1180	2400	451	1180	4500	451	1180	4500	451			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 7R, AMDT 1 20 OCT 2011	AMDT: ORIG-A
				DATED 12/16/2010

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**RNAV**	**RNAV (GPS) RWY 7R, AMDT 1** 20 OCT 2011	AMDT: **ORIG-A**
				DATED: **12/16/2010**

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW07R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	425620.6610N
LTP/FTP LONGITUDE	0875503.9300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01872
FPAP LATITUDE	425648.7000N
FPAP LONGITUDE	0875308.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00049.9
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5AE58DEE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02222
FPAP ORTHOMETRIC HEIGHT	+02222

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 7R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 12/16/2010

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

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        BAE   K5011640VTHA N43070067W088170365    N43070067W088170365E0020010702     NARBADGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EMEWO K50    W     N42521494W088114545                        W0033     NAR           EMEWO
        SUSAEAENRT   FIDNO K50    C     N42542641W088025142                        W0034     NAR           FIDNO
        SUSAEAENRT   HULOX K50    C     N42554663W087572346                        W0035     NAR           HULOX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FR07R  R      010EMEWOK5EA0E  I    IF                                  + 02900     18000                A JS
        SUSAP KMKEK5FR07R  R      020FIDNOK5EA1E  F 051TF                      07340069    + 02700                RW07R K5PGA JS
        SUSAP KMKEK5FR07R  R      020FIDNOK5EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KMKEK5FR07R  R      021HULOXK5EA0E S  031TF                      07360042    V 0134001352        -300      A JS
        SUSAP KMKEK5FR07R  R      030RW07RK5PG0GY M 031TF                      07360018      00779             -300      A JS
        SUSAP KMKEK5FR07R  R      040         0  M     CA                      0736        + 02900                     A JS
        SUSAP KMKEK5FR07R  R      050BAE  K5D 0VY  L    DF                                  + 03000                     A JS
        SUSAP KMKEK5FR07R  R      060BAE  K5D 0VE  R    HM                      09000040    + 03000                     A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW07R   0083000737 N42562066W087550393-0700     +0187200729000050150I

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5PR07R  RW07R001 0000W07A0N4256206610W08755039300+018720300N4256487000W087530878001067502240004 99F4003505AE58DEE
        SUSAP KMKEK5PR07R  RW07R002E       +02222+02222LPV       69226
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 7R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 12/16/2010

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5SRW07RK5PG                0   18018002925                                                                    M
```

CITY AND STATE	ELEVATION: 729 THRE: 729	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 7R, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 12/16/2010

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
GOMPE (IAF)	ADELE (FB)	099.01 / 11.00	2900
HAGIN (IAF)	ADELE (FB)	279.35 / 11.00	2900
ADELE (IF)	OMOGE (FB)	189.18 / 7.10	2800
OMOGE (FAF)	BAYZE/2.60 NM TO RW19R (FB)	189.17 / 3.91	
BAYZE/2.60 NM TO RW19R	RW19R (MAP) (FO)	189.17 / 2.60	
RW19R (MAP)	2000 MSL	189.17	2000
2000 MSL	BAE VORTAC (FO)		2800

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW19R

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 2800 DIRECT BAE VORTAC AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ADELE
3. FAC: 189.17 FAF: OMOGE DIST FAF TO MAP: 6.52 THLD: 6.52
4. MIN. ALT: ADELE 2900, OMOGE 2800, BAYZE/2.60 NM TO RW19R 1540*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: OMOGE 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 54.1 34:1 IS CLEAR
8. MSA FROM: RW19R 2900

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 849 TREE 425754N/0875409W
CHART: 910 BLDG 425957N/0875319W
DISTANCE TO THLD FROM 200 HATH: 0.46 NM.
CHART VDP AT 1.11 MILES TO RW19R*
*LNAV ONLY.
WAAS CHANNEL # 99322
REFERENCE PATH ID: W19A
LTP HAE: 169.6 M

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	871	2400	200	871	2400	200	871	2400	200	871	2400	200			
LNAV/VNAV DA	1030	4000	359	1030	4000	359	1030	4000	359	1030	4000	359			
LNAV MDA	1100	2400	429	1100	2400	429	1100	4000	429	1100	4000	429			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 39C (102F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 MILE.
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 671 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 19R, AMDT 2 20 OCT 2011	AMDT: 1 DATED 06/30/2011

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 671	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 19R, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 06/30/2011

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW19R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	425720.0050N
LTP/FTP LONGITUDE	0875336.0935W
LTP/FTP ELLIPSOIDAL HEIGHT	+01696
FPAP LATITUDE	425551.5800N
FPAP LONGITUDE	0875351.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0032
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	4BBE32CD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02046
FPAP ORTHOMETRIC HEIGHT	+02046

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 671	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 19R, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 06/30/2011

ARINC PACKET - 424-18 - RNAV (GPS)

```
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NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE    K5011640VTHA N43070067W088170365    N43070067W088170365E0020010702     NARBADGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ADELE K50    C     N43105071W087511696                    W0037     NAR          ADELE
        SUSAEAENRT   BAYZE K50    C     N42595483W087530959                    W0036     NAR          BAYZE
        SUSAEAENRT   GOMPE K50    W     N43121225W088061228                    W0035     NAR          GOMPE
        SUSAEAENRT   HAGIN K50    W     N43092723W087362231                    W0039     NAR          HAGIN
        SUSAEAENRT   OMOGE K50    C     N43034795W087522963                    W0036     NAR          OMOGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729        1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FR19R  AGOMPE 010GOMPEK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR19R  AGOMPE 020ADELEK5EA0EE B 010TF                    09900110    + 02900                      A JS
        SUSAP KMKEK5FR19R  AHAGIN 010HAGINK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR19R  AHAGIN 020ADELEK5EA0EE B 010TF                    27940110    + 02900                      A JS
        SUSAP KMKEK5FR19R  R      010ADELEK5EA0E  I    IF                                + 02900   18000                A JS
        SUSAP KMKEK5FR19R  R      020OMOGEK5EA1E  F 051TF                    18920071    + 02800              RW19R K5PGA JS
        SUSAP KMKEK5FR19R  R      020OMOGEK5EA2WALPV      ALNAV/VNAV ALNAV                                                JS
        SUSAP KMKEK5FR19R  R      021BAYZEK5EA0E S  031TF                    18920039    V 0154001553       -300         A JS
        SUSAP KMKEK5FR19R  R      030RW19RK5P30GY M 031TF                    18920026      00725            -300         A JS
        SUSAP KMKEK5FR19R  R      040         0  M     CA                    1892        + 02000                      A JS
        SUSAP KMKEK5FR19R  R      050BAE  K5D 0VY  R   DF                                + 02800                      A JS
        SUSAP KMKEK5FR19R  R      060BAE  K5D 0VE  R   HM                    09000040    + 02800                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW19R   0096901892 N42572001W087533609+0300    +0169600671078554200I
```

QUALITY 4

CITY AND STATE	ELEVATION: 729 THRE: 671	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 19R, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 06/30/2011

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

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMKEK5PR19R  RW19R001 0000W19A0N4257200050W08753360935+01696030ON4255515800W0875351210010675003200054 1F4003504BBE32CD
    SUSAP KMKEK5PR19R  RW19R002E      +02046+02046LPV       99322

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 1234567890123456789012345678901234567390123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMKEK5SRW19RK5PG              0   18018002925                                                                        M
```

CITY AND STATE	ELEVATION: 729 THRE: 671	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 19R, AMDT 2 20 OCT 2011	AMDT: 1 DATED: 06/30/2011

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BRANS (IAF)	CITKI (FB)	163.79 / 10.50	2900
FITGU (IAF)	CITKI (FB)	343.89 / 10.50	2900
CITKI (IF)	FAHEY (FB)	253.84 / 6.85	2500
FAHEY (FAF)	RW25L (MAP) (FO)	253.74 / 5.60	
RW25L (MAP)	960 MSL	253.74	
960 MSL	OMTOE (FB)		
OMTOE	BAE VORTAC (FO)	334.49 / 15.42	2900

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW25L

CLIMB TO 2900 DIRECT OMTOE AND ON TRACK 334.49 TO BAE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 090.00 INBOUND.
CHART FAS OBST: 930 ROD ON OL STK 425649N/0875138W
DISTANCE TO THLD FROM 290 HATH: 0.76 NM.
CHART VDP AT 1.45 MILES TO RW25L*
*LNAV ONLY.
WAAS CHANNEL # 62826
REFERENCE PATH ID: W25A
LTP HAE: 169.1 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CITKI
3. FAC: 253.74 FAF: FAHEY DIST FAF TO MAP: 5.60 THLD: 5.60
4. MIN. ALT: CITKI 2900, FAHEY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: FAHEY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 47.0 34:1 IS NOT CLEAR
8. MSA FROM: RW25L 2900

MAG VAR: 2W EPOCH YEAR: 1995

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	960	1	290	960	1	290	960	1	290	960	1	290			
LNAV/VNAV DA	1249	2	579	1249	2	579	1249	2	579	1249	2	579			
LNAV MDA	1180	1	510	1180	1	510	1180	1 3/8	510	1180	1 3/8	510			
CIRCLING	1240	1	511	1240	1	511	1240	1 1/2	511	1280	2	551			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 723 THRE: 670 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 25L, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED 01/20/2005

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMKE
RUNWAY	RW25L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	425645.1170N
LTP/FTP LONGITUDE	0875323.5380W
LTP/FTP ELLIPSOIDAL HEIGHT	+01691
FPAP LATITUDE	425617.0600N
FPAP LONGITUDE	0875518.6800W
THRESHOLD CROSSING HEIGHT (TCH)	00047.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0352
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	C45847A2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02041
FPAP ORTHOMETRIC HEIGHT	+02041

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 25L, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 01/20/2005

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV 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)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BAE    K5011640VTHA N43070067W088170365     N43070067W088170365E0020010702      NARBADGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BRANS K50    W      N43103776W087414545                    W0038     NAR           BRANS
        SUSAEAENRT   CITKI K50    C      N43003909W087371710                    W0038     NAR           CITKI
        SUSAEAENRT   FAHEY K50    C      N42583064W087460910                    W0037     NAR           FAHEY
        SUSAEAENRT   FITGU K50    W      N42504023W087325019                    W0038     NAR           FITGU
        SUSAEAENRT   OMTOE K50    W      N42532033W088072023                    W0034     NAR           OMTOE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5AMKE     0     096YHN42564996W087534823W002000729         1800018000C    MNAR    GENERAL MITCHELL INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5FR25L  ABRANS 010BRANSK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR25L  ABRANS 020CITKIK5EA0EE B 010TF                    16380105    + 02900                       A JS
        SUSAP KMKEK5FR25L  AFITGU 010FITGUK5EA0E  A    IF                                          18000                A JS
        SUSAP KMKEK5FR25L  AFITGU 020CITKIK5EA0EE B 010TF                    34390105    + 02900                       A JS
        SUSAP KMKEK5FR25L  R      010CITKIK5EA0E  I    IF                                + 02900   18000               A JS
        SUSAP KMKEK5FR25L  R      020FAHEYK5EA1E  F 051TF                    25380069    + 02500             RW25L K5PGA JS
        SUSAP KMKEK5FR25L  R      020FAHEYK5EA2WALPV      ALNAV/VNAV ALNAV                                              JS
        SUSAP KMKEK5FR25L  R      030RW25LK5PG0GY M 031TF                    25370056      00717          -300         A JS
        SUSAP KMKEK5FR25L  R      040         0  M     CA                    2537        + 00960                     A JS
        SUSAP KMKEK5FR25L  R      050OMTOEK5EA0E       DF                                                          A JS
        SUSAP KMKEK5FR25L  R      060BAE  K5D 0VY   010TF                    3345        + 02900                     A JS
        SUSAP KMKEK5FR25L  R      070BAE  K5D 0VE  R   HM                    09000040    + 02900                     A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMKEK5GRW25L   0083002537 N42564512W087532354+0700    +0169100670043247150R
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CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: GENERAL MITCHELL INTL	RNAV	RNAV (GPS) RWY 25L, AMDT 1 20 OCT 2011	AMDT: ORIG-A DATED: 01/20/2005

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          1         2         3         4         5         6         7         8         9         0         1         2         3
PP  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMKEK5PR25L  RW25L001 0000W25A0N4256451170W08753235380+016910300N4256170600W0875518680010675035200047OF400500C45847A2
    SUSAP KMKEK5PR25L  RW25L002E      +02041+02041LPV       62826

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
    ------------------------------------------------------------------------------------------------------------------------------
    SUSAP KMKEK5SRW25LK5PG              0   18018002925                                                                  M
```

CITY AND STATE	ELEVATION: 729 THRE: 670	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MILWAUKEE, WI	AIRPORT NAME: **GENERAL MITCHELL INTL**	**RNAV**	**RNAV (GPS) RWY 25L, AMDT 1** 20 OCT 2011	AMDT: **ORIG-A**
				DATED: **01/20/2005**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HUTGU (IAF)	VOKPE (NOPT) (FB)	054.20 / 6.50	2700
UZVAC (IAF)	VOKPE (NOPT) (FB)	234.36 / 6.50	2700
VOKPE (IF/IAF)	WUGBU (FB)	144.28 / 6.14	2600
WUGBU (FAF)	HOKIX/2.20 NM TO RW14 (FB)	144.34 / 2.76	
HOKIX/2.20 NM TO RW14	RW14 (MAP) (FO)	144.37 / 2.20	
RW14 (MAP)	1500 MSL	144.37	1500
1500 MSL	WISGA (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW14

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 DIRECT WISGA AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 054.42 INBOUND.
CHART FAS OBST: 1134 WATER TWR 435726N/0880642W
CHART FAS OBST: 1149 TREE 435818N/0880858W
DISTANCE TO THLD FROM 349 HATH: 0.95 NM.
WAAS CHANNEL # 99625
REFERENCE PATH ID: W14A
LTP HAE: 261.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW VOKPE, RT, 144.28 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 144.34 FAF: WUGBU DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: VOKPE 2700, WUGBU 2600, HOKIX/2.20 NM TO RW14 1720*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: WUGBU 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 2010

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1326	1 1/8	349	1326	1 1/8	349		NA			NA				
LNAV/VNAV DA	1367	1 1/4	390	1367	1 1/4	390		NA			NA				
LNAV MDA	1480	1	503	1480	1	503		NA			NA				
CIRCLING	1540	1	548	1540	1	548		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: USE OSHKOSH ALTIMETER SETTING, WHEN NOT RECEIVED USE APPLETON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	054/30 CW 234/30 (NOPT)	054/10 CW 234/10	3100
2.	054/10 CW 234/10	VOKPE (IF/IAF) (FO)	2700
3.	234/30 CW 324/30	UZVAC (IAF) (FB)	3100
4.	324/30 CW 054/30	HUTGU (IAF) (FB)	2800

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 20 OCT 2011	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	8D1
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	435653.1430N
LTP/FTP LONGITUDE	0880703.8560W
LTP/FTP ELLIPSOIDAL HEIGHT	+02618
FPAP LATITUDE	435543.5000N
FPAP LONGITUDE	0880546.9200W
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	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4FEF28A3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02977
FPAP ORTHOMETRIC HEIGHT	+02977

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 20 OCT 2011	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   HOKIX K50    W     N43583628W088085793                     W0036     NAR           HOKIX
         SUSAEAENRT   HUTGU K50    W     N44012901W088234227                     W0034     NAR           HUTGU
         SUSAEAENRT   UZVAC K50    W     N44093694W088093783                     W0036     NAR           UZVAC
         SUSAEAENRT   VOKPE K50    W     N44053319W088164053                     W0035     NAR           VOKPE
         SUSAEAENRT   WISGA K50    W     N43434149W088040032                     W0036     NAR           WISGA
         SUSAEAENRT   WUGBU K50    W     N44004545W088112101                     W0035     NAR           WUGBU

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5A8D1     0     036YHN43563878W088065343W003000992         1800018000C    MNAR    NEW HOLSTEIN MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5FR14   AHUTGU 010HUTGUK5EA0E  A    IF                                          18000                A JS
         SUSAP 8D1 K5FR14   AHUTGU 020VOKPEK5EA0EE B 010TF                    05420065    + 02700                       A JS
         SUSAP 8D1 K5FR14   AUZVAC 010UZVACK5EA0E  A    IF                                          18000                A JS
         SUSAP 8D1 K5FR14   AUZVAC 020VOKPEK5EA0EE B 010TF                    23440065    + 02700                       A JS
         SUSAP 8D1 K5FR14   AVOKPE 010VOKPEK5EA0EE AR   HF                    14430040    + 02700     18000             A JS
         SUSAP 8D1 K5FR14   R       010VOKPEK5EA0E  I    IF                                + 02700     18000             A JS
         SUSAP 8D1 K5FR14   R       020WUGBUK5EA1E  F 051TF                    14430061    + 02600                       A JS
         SUSAP 8D1 K5FR14   R       020WUGBUK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
         SUSAP 8D1 K5FR14   R       021HOKIXK5EA0E S  031TF                    14430028    V 0172001722        -300      A JS
         SUSAP 8D1 K5FR14   R       030RW14 K5PG0GY M 031TF                    14440022      01022             -300      A JS
         SUSAP 8D1 K5FR14   R       040         0  M     CA                    1444        + 01500                       A JS
         SUSAP 8D1 K5FR14   R       050WISGAK5EA0EY  R   DF                              + 03000                       A JS
         SUSAP 8D1 K5FR14   R       060WISGAK5EA0EE  R   HM                    05440040    + 03000                       A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5GRW14    0036001444 N43565314W088070386+0000    +026180097700004507 5R
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QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 20 OCT 2011	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 8D1 K5PR14   RW14 001 0000W14A0N4356531430W08807038560+026180300N4355435000W088054692001067516560004 50F4005004FEF28A3
        SUSAP 8D1 K5PR14   RW14 002E      +02977+02977LPV       99625
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 14, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MURBE (IAF)	UDEKE (NOPT) (FB)	234.58 / 6.50	2700
WISGA (IAF)	UDEKE (NOPT) (FB)	054.42 / 6.50	2700
UDEKE (IF/IAF)	KONPE (FB)	324.50 / 6.14	2600
KONPE (FAF)	SOYOB/1.70 NM TO RW32 (FB)	324.44 / 3.26	
SOYOB/1.70 NM TO RW32	RW32 (MAP) (FO)	324.41 / 1.70	
RW32 (MAP)	1500 MSL	324.41	1500
1500 MSL	WISGA (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW32

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 DIRECT WISGA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 054.42 INBOUND.
CHART FAS OBST: 1129 TREE 435547N/0880523W
CHART FAS OBST: 1149 TREE 435439N/0880526W
DISTANCE TO THLD FROM 399 HATH: 1.11 NM.
WAAS CHANNEL # 58225
REFERENCE PATH ID: W32A
LTP HAE: 261.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE UDEKE, RT, 324.50 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 324.44 FAF: KONPE DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: UDEKE 2700, KONPE 2600, SOYOB/1.70 NM TO RW32 1560*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: KONPE 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 3W EPOCH YEAR: 2010

MINIMUMS

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

ALTERNATE: N A | X |

CATEGORY ======>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1376	1 3/8	399	1376	1 3/8	399		NA			NA				
LNAV/VNAV DA	1509	1 7/8	532	1509	1 7/8	532		NA			NA				
LNAV MDA	1480	1	503	1480	1	503		NA			NA				
CIRCLING	1540	1	548	1540	1	548		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA AT NIGHT.
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 20 OCT 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: USE OSHKOSH ALTIMETER SETTING, WHEN NOT RECEIVED USE APPLETON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	235/30 CW 054/30 (NOPT)	235/5 CW 054/5	2800
2.	235/5 CW 054/5	UDEKE (IF/IAF) (FO)	2700
3.	054/30 CW 144/30	WISGA (IAF) (FB)	2800
4.	144/30 CW 235/30	MURBE (IAF) (FB)	3100

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 20 OCT 2011	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	8D1
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	435625.3930N
LTP/FTP LONGITUDE	0880633.1910W
LTP/FTP ELLIPSOIDAL HEIGHT	+02618
FPAP LATITUDE	435735.0100N
FPAP LONGITUDE	0880750.1700W
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	1656
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	0C6E74E3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02976
FPAP ORTHOMETRIC HEIGHT	+02976

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

ARINC PACKET - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   KONPE K50    W     N43523290W088021662                      W0036     NAR           KONPE
         SUSAEAENRT   MURBE K50    W     N43514711W087495749                      W0038     NAR           MURBE
         SUSAEAENRT   SOYOB K50    W     N43550567W088050513                      W0036     NAR           SOYOB
         SUSAEAENRT   UDEKE K50    W     N43474452W087565938                      W0037     NAR           UDEKE
         SUSAEAENRT   WISGA K50    W     N43434149W088040032                      W0036     NAR           WISGA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5A8D1     0     036YHN43563878W088065343W003000992          1800018000C    MNAR    NEW HOLSTEIN MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5FR32    AMURBE 010MURBEK5EA0E  A    IF                                          18000                A JS
         SUSAP 8D1 K5FR32    AMURBE 020UDEKEK5EA0EE B 010TF                    23460065    + 02700                      A JS
         SUSAP 8D1 K5FR32    AUDEKE 010UDEKEK5EA0EE AR   HF                    32450040    + 02700     18000            A JS
         SUSAP 8D1 K5FR32    AWISGA 010WISGAK5EA0E  A    IF                                          18000            A JS
         SUSAP 8D1 K5FR32    AWISGA 020UDEKEK5EA0EE B 010TF                    05440065    + 02700                      A JS
         SUSAP 8D1 K5FR32    R      010UDEKEK5EA0E  I    IF                                + 02700     18000            A JS
         SUSAP 8D1 K5FR32    R      020KONPEK5EA1E  F 051TF                    32450061    + 02600                      A JS
         SUSAP 8D1 K5FR32    R      020KONPEK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
         SUSAP 8D1 K5FR32    R      021SOYOBK5EA0E S  031TF                    32440033    V 0156001563       -300      A JS
         SUSAP 8D1 K5FR32    R      030RW32 K5PG0GY M 031TF                    32440017      01022            -300      A JS
         SUSAP 8D1 K5FR32    R      040         0  M     CA                    3244        + 01500                      A JS
         SUSAP 8D1 K5FR32    R      050WISGAK5EA0EY  L   DF                                + 03000                      A JS
         SUSAP 8D1 K5FR32    R      060WISGAK5EA0EE  R   HM                    05440040    + 03000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY   123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------------
         SUSAP 8D1 K5GRW32    0036003244 N43562539W088063319+0000    +0261800977000045075R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 20 OCT 2011	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 8D1 K5PR32    RW32 001 0000W32A0N4356253930W08806331910+026180300N4357350100W088075017001067516560004 50F4005000C6E74E3
        SUSAP 8D1 K5PR32    RW32 002E       +02976+02976LPV        58225
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 THRE: 977	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW HOLSTEIN, WI	AIRPORT NAME: NEW HOLSTEIN MUNI	RNAV	RNAV (GPS) RWY 32, ORIG 20 OCT 2011	AMDT: NONE
				DATED:

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
NEW HOLSTEIN, WI	NEW HOLSTEIN MUNI	20 OCT 2011	ORIG

TAKEOFF MINIMUMS:

RWY 04/22, NA - ENVIRONMENTAL
RWY 14, STANDARD.
RWY 32, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 350 FEET PER NM TO 1200 FEET.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 14, RISING TERRAIN BEGINNING 135 FT FROM DER, 187 FT LEFT OF CENTERLINE, UP TO 985 FT MSL, TERRAIN WITH TREES BEGINNING 143 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1117 FT MSL.
NOTE: RWY 32, VEHICLES ON ROAD BEGINNING 6 FT FROM DER, 19 FT RIGHT OF CENTERLINE, UP TO 19 FT AGL/998 FT MSL. POLES BEGINNING 332 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 37 FT AGL/1033 FT MSL, TERRAIN WITH TREES BEGINNING 561 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/1129 FT MSL.

CONTROLLING OBSTACLES:

RWY 32: 1129 FT MSL TREE 435724.23N-0880726.33W.

QUALITY CHECK

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
OSH VORTAC (IAF)	CAKBA/6.00 DME	096.00 / 6.00	2600
CAKBA/6.00 DME (IF)	EXEMP/14.00 DME	096.00 / 8.00 (OSH R-096)	2600

MISSED APPROACH

MAP: MACWY/ 19.20 DME

CLIMBING LEFT TURN TO 2600 ON OSH VORTAC R-096 TO EXEMP/14.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 096.00 INBOUND.
FAS OBST: 1229 AAO 435801N/0881156W
FAC CROSSES MID POINT OF RWY 14/32.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT OSH VORTAC
3. FAC 096.00 FAF EXEMP/14.00 DME DIST FAF TO MAP ____ THLD ____
4. MIN. ALT CAKBA 2600, EXEMP 2600
8. MSA FROM: OSH VORTAC 2700

MAG VAR: EPOCH YEAR:

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1560	1	568	1560	1	568		NA			NA				

NOTES:

CHART NOTE: CIRCLING TO RWY 32 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE OSHKOSH ALTIMETER SETTING, WHEN NOT RECEIVED USE APPLETON ALTIMETER SETTING.
CHART NOTE: CIRCLING NA TO RWY 04/22.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT OSH VORTAC ON V510 NORTHWEST BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 992 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR/DME OR GPS-A
NEW HOLSTEIN, WI	NEW HOLSTEIN MUNI	OSH	VOR/DME-A, AMDT 2 20 OCT 2011	AMDT 1 DATE 09/01/2005

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30804 ; Amdt. No. 3445]

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 September 16, 2011.

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
20-Oct-11	NJ	Readington	Solberg-Hunterdon	1/0833	9/1/11	RNAV (GPS) RWY 4, Orig
20-Oct-11	NJ	Readington	Solberg-Hunterdon	1/0834	9/1/11	RNAV (GPS) RWY 22, Orig
20-Oct-11	NJ	Readington	Solberg-Hunterdon	1/0835	9/1/11	VOR RWY 4, Amdt 1
20-Oct-11	NJ	Readington	Solberg-Hunterdon	1/0836	9/1/11	VOR A, Amdt 9
20-Oct-11	TX	Brownsville	Brownsville / South Padre Island Intl	1/1141	9/8/11	VOR/DME RNAV OR GPS RWY 35, Amdt 3
20-Oct-11	TX	Brownsville	Brownsville / South Padre Island Intl	1/1142	9/8/11	VOR OR TACAN OR GPS A, Amdt 1A
20-Oct-11	TX	Brownsville	Brownsville / South Padre Island Intl	1/1143	9/8/11	LOC BC RWY 31L, Amdt 11B
20-Oct-11	AL	Bay Minette	Bay Minette Muni	1/1453	9/1/11	RNAV (GPS) RWY 26, Orig-B
20-Oct-11	IL	Marion	Williamson County Rgnl	1/2688	9/1/11	RNAV (GPS) RWY 2, Orig
20-Oct-11	IL	Marion	Williamson County Rgnl	1/2689	9/1/11	RNAV (GPS) RWY 20, Orig
20-Oct-11	IL	Marion	Williamson County Rgnl	1/2690	9/1/11	VOR RWY 2, Amdt 13
20-Oct-11	IL	Marion	Williamson County Rgnl	1/2691	9/1/11	NDB RWY 20, Amdt 10
20-Oct-11	IL	Marion	Williamson County Rgnl	1/2692	9/1/11	VOR RWY 20, Amdt 17
20-Oct-11	NY	Albany	Albany Intl	1/3420	9/1/11	ILS OR LOC RWY 1, Amdt 11 ; ILS RWY 1 (SA CAT II), Amdt 11
20-Oct-11	FL	Tallahassee	Tallahassee Rgnl	1/3426	9/1/11	RADAR-1, Amdt 5A
20-Oct-11	MA	Nantucket	Nantucket Memorial	1/4378	9/1/11	RNAV (GPS) RWY 24, Orig
20-Oct-11	MA	Nantucket	Nantucket Memorial	1/4379	9/1/11	ILS OR LOC RWY 6, Amdt 1
20-Oct-11	MA	Nantucket	Nantucket Memorial	1/4380	9/1/11	ILS OR LOC RWY 24, Amdt 15E
20-Oct-11	MA	Nantucket	Nantucket Memorial	1/4381	9/1/11	RNAV (GPS) RWY 6, Orig
20-Oct-11	MA	Nantucket	Nantucket Memorial	1/4382	9/1/11	VOR RWY 24, Amdt 14
20-Oct-11	WI	Milwaukee	Milwaukee / Lawrence J. Timmerman	1/4409	9/1/11	RNAV (GPS) RWY 4L, Orig
20-Oct-11	WI	Milwaukee	Milwaukee / Lawrence J. Timmerman	1/4410	9/1/11	RNAV (GPS) RWY 22R, Orig
20-Oct-11	IN	Gary	Gary/Chicago Intl	1/4565	9/8/11	NDB OR GPS RWY 30, Amdt 7B

20-Oct-11	NY	New York	La Guardia	1/5043	9/1/11	ILS OR LOC RWY 22, Amdt 20 ; ILS RWY 22 (SA CAT I), Amdt 20 ; ILS RWY 22 (SA CAT II), Amdt 20
20-Oct-11	IL	Mount Vernon	Mount Vernon	1/7201	9/8/11	RNAV (GPS) RWY 5, Orig
20-Oct-11	IL	Mount Vernon	Mount Vernon	1/7202	9/8/11	RNAV (GPS) RWY 23, Orig
20-Oct-11	IL	Mount Vernon	Mount Vernon	1/7233	9/8/11	VOR RWY 5, Amdt 16B
20-Oct-11	IL	Mount Vernon	Mount Vernon	1/7270	9/8/11	VOR RWY 23, Amdt 16
20-Oct-11	IA	Pocahontas	Pocahontas Muni	1/7324	9/8/11	RNAV (GPS) RWY 12, Orig
20-Oct-11	IA	Pocahontas	Pocahontas Muni	1/7325	9/8/11	NDB RWY 12, Amdt 5
20-Oct-11	TX	Dallas	Dallas Executive	1/8190	8/25/11	ILS OR LOC RWY 31, Amdt 8A

AIRAC Date: 20 OCT 2011

FDC 1/0833 N51 FI/P IAP SOLBERG-HUNTERDON, READINGTON, NJ. RNAV (GPS) RWY 4, ORIG... CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ) DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 4, ORIG-A.

FDC 1/0834 N51 FI/P IAP SOLBERG-HUNTERDON, READINGTON, NJ. RNAV (GPS) RWY 22, ORIG... CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ). THIS IS RNAV (GPS) RWY 22, ORIG-A.

FDC 1/0835 N51 FI/P IAP SOLBERG-HUNTERDON, READINGTON, NJ. VOR RWY 4, AMDT 1... CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ). THIS IS VOR RWY 4, AMDT 1A.

FDC 1/0836 N51 FI/P IAP SOLBERG-HUNTERDON, READINGTON, NJ. VOR A, AMDT 9... CHART IN PLANVIEW: SOMERSET AIRPORT (SMQ). THIS IS VOR A, AMDT 9A.

FDC 1/1141 BRO FI/P IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. VOR/DME RNAV OR GPS RWY 35, AMDT 3... CIRCLING CATS B/C MDA 540/HAA 517. CHART NOTE: WHEN VGSI INOP CIRCLING RWY 17 NA AT NIGHT. THIS IS VOR/DME RNAV OR GPS RWY 35, AMDT 3A.

FDC 1/1142 BRO FI/P IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. VOR OR TACAN OR GPS A, AMDT 1A... CIRCLING CATS B/C MDA 540/HAA 517. CHART NOTE: WHEN VGSI INOP CIRCLING RWY 17 NA AT NIGHT. THIS IS VOR OR TACAN A, AMDT 1B.

FDC 1/1143 BRO FI/P IAP BROWNSVILLE/SOUTH PADRE ISLAND INTL, BROWNSVILLE, TX. LOC BC RWY 31L, AMDT 11B... CIRCLING CATS B/C MDA 540/HAA 518. CHART NOTE: WHEN VGSI INOP CIRCLING RWY 17 NA AT NIGHT. THIS IS LOC BC RWY 31L, AMDT 11C.

FDC 1/1453 1R8 FI/P IAP BAY MINETTE MUNI, BAY MINETTE, AL. RNAV (GPS) RWY 26, ORIG-B... DELETE PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 26, ORIG-C.

FDC 1/2688 MWA FI/P IAP WILLIAMSON COUNTY RGNL, MARION, IL. RNAV (GPS) RWY 2, ORIG... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT. THIS IS RNAV (GPS) RWY 2, ORIG-A.

FDC 1/2689 MWA FI/P IAP WILLIAMSON COUNTY RGNL, MARION, IL. RNAV (GPS) RWY 20, ORIG... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15 C (5 F) OR ABOVE 41 C (105 F). THIS IS RNAV (GPS) RWY 20, ORIG-A.

FDC 1/2690 MWA FI/P IAP WILLIAMSON COUNTY RGNL, MARION, IL. VOR RWY 2, AMDT 13... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT. THIS IS VOR RWY 2, AMDT 13A.

FDC 1/2691 MWA FI/P IAP WILLIAMSON COUNTY RGNL, MARION, IL. NDB RWY 20, AMDT 10... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT. THIS IS NDB RWY 20, AMDT 10A.

FDC 1/2692 MWA FI/P IAP WILLIAMSON COUNTY RGNL, MARION, IL. VOR RWY 20, AMDT 17... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 11 NA AT NIGHT. THIS IS VOR RWY 20, AMDT 17A.

FDC 1/3420 ALB FI/P IAP ALBANY INTL, ALBANY, NY. ILS OR LOC RWY 1, AMDT 11... ILS RWY 1 (SA CAT II) AMDT 11 CHANGE SA CAT II NOTE TO READ: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN. THIS IS ILS OR LOC RWY 1, AMDT 11A, ILS RWY 1 (SA CAT II) AMDT 11A.

FDC 1/3426 TLH FI/P IAP TALLAHASSEE RGNL, TALLAHASSEE, FL. RADAR-1, AMDT 5A... CIRCLING CATS A/B MDA 580/HAA 499. THIS IS RADAR-1, AMDT 5B.

FDC 1/4378 ACK FI/P IAP NANTUCKET MEMORIAL, NANTUCKET, MA. RNAV (GPS) RWY 24, ORIG... CIRCLING CAT A MDA 480/HAA 432. THIS IS RNAV (GPS) RWY 24, ORIG-A.

FDC 1/4379 ACK FI/P IAP NANTUCKET MEMORIAL, NANTUCKET, MA. ILS OR LOC RWY 6, AMDT 1... CIRCLING CAT A MDA 480/HAA 432. THIS IS ILS OR LOC RWY 6, AMDT 1A.

FDC 1/4380 ACK FI/P IAP NANTUCKET MEMORIAL, NANTUCKET, MA. ILS OR LOC RWY 24, AMDT 15E... CIRCLING CAT A MDA 480/HAA 432. THIS IS ILS OR LOC RWY 24, AMDT 15F.

FDC 1/4381 ACK FI/P IAP NANTUCKET MEMORIAL, NANTUCKET, MA. RNAV (GPS) RWY 6, ORIG... CIRCLING CAT A MDA 480/HAA 432. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 1/4382 ACK FI/P IAP NANTUCKET MEMORIAL, NANTUCKET, MA. VOR RWY 24, AMDT 14... S-24 MDA 440/HAT 392 ALL CATS. CIRCLING CAT A MDA 480/HAA 432. THIS IS VOR RWY 24, AMDT 14A.

FDC 1/4409 MWC FI/P IAP MILWAUKEE / LAWRENCE J. TIMMERMAN, MILWAUKEE, WI. RNAV (GPS) RWY 4L, ORIG... CHANGE CIRCLING NA AT NIGHT NOTE TO READ: CIRCLING TO RWY 4R, 15R, 22L, 33L NA AT NIGHT. THIS IS RNAV (GPS) RWY 4L, ORIG-A.

FDC 1/4410 MWC FI/P IAP MILWAUKEE / LAWRENCE J. TIMMERMAN, MILWAUKEE, WI. RNAV (GPS) RWY 22R, ORIG... CHANGE CIRCLING NA AT NIGHT NOTE TO READ: CIRCLING TO RWY 4R, 15R, 22L, 33L NA AT NIGHT. THIS IS RNAV (GPS) RWY 22R, ORIG-A.

FDC 1/4565 GYY FI/P IAP GARY/CHICAGO INTL, GARY, IN. NDB OR GPS RWY 30, AMDT 7B... S-30 HAT 589 ALL CATS, CAT A/B VIS RVR 4000, CAT C/D VIS 1 1/4. CIRCLING HAA 589 ALL CATS VIS CAT C 1 3/4. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CHICAGO MIDWAY ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. INCREASE S-30 CAT C AND D VISIBILITY 1/2 MILE AND CIRCLING CAT C VISIBILITY 1/4 MILE. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE CAT D VISIBILITY TO 1 3/4. CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CHICAGO MIDWAY ALTIMETER SETTING, INCREASE CAT D VISIBILITY TO 1 7/8. CHART: APT ELEV 591. DELETE: TDZE 592. CHART: THRE 591. THIS IS NDB RWY 30, AMDT 7C.

FDC 1/5043 LGA FI/P IAP LA GUARDIA, NEW YORK, NY. ILS OR LOC RWY 22, AMDT 20... ILS RWY 22 (SA CAT I) AMDT 20 ILS RWY 22 (SA CAT II) AMDT 20 CHANGE ILS RWY 22 (SA CAT I) NOTE TO READ: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH. CHART SA CAT II NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN. THIS IS ILS OR LOC RWY 22, AMDT 20A, ILS RWY 22 (SA CAT I) AMDT 20A, ILS RWY 22 (SA CAT II) AMDT 20A.

FDC 1/7201 MVN FI/P IAP MOUNT VERNON, MOUNT VERNON, IL. RNAV (GPS) RWY 5, ORIG... CHART NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, ORIG-A.

FDC 1/7202 MVN FI/P IAP MOUNT VERNON, MOUNT VERNON, IL. RNAV (GPS) RWY 23, ORIG... CHART NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 1/7233 MVN FI/P IAP MOUNT VERNON , MOUNT VERNON, IL. VOR RWY 5, AMDT 16B... DME MINIMUMS CIRCLING CAT A/B MDA 1000/HAA 520. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTRALIA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT D VISIBILITY 1/4 MILE. CHART PROFILE NOTE: (ASTERISK) 1140 WHEN USING CENTRALIA ALTIMETER SETTING. ADD (ASTERISK) TO 1080 AT VNN 5.4 DME FIX. CHART NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR RWY 5, AMDT 16C.

FDC 1/7270 MVN FI/P IAP MOUNT VERNON, MOUNT VERNON, IL. VOR RWY 23, AMDT 16... S-23 CAT A/B VISIBILITY 1/2 MILE. CIRCLING CAT A/B MDA 1000/HAA 520. DELETE CHART NOTE: FOR INOPERATIVE MALSR, INCREASE CATS A AND B VISIBILITY TO 1 MILE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTRALIA ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, AND INCREASE S-23 CAT C/D, AND CIRCLING CAT D VISIBILITY 1/4 MILE. CHART NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT. THIS IS VOR RWY 23, AMDT 16A.

FDC 1/7324 POH FI/P IAP POCAHONTAS MUNI, POCAHONTAS, IA. RNAV (GPS) RWY 12, ORIG... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 30 NA AT NIGHT. THIS IS RNAV (GPS) RWY 12, ORIG-A.

FDC 1/7325 POH FI/P IAP POCAHONTAS MUNI, POCAHONTAS, IA. NDB RWY 12, AMDT 5... CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 30 NA AT NIGHT. THIS IS NDB RWY 12, AMDT 5A.

FDC 1/8190 RBD FI/P IAP DALLAS EXECUTIVE, DALLAS, TX. ILS OR LOC RWY 31, AMDT 8A... MISSED APPROACH: CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 090 AND CVE VOR/DME R-125 TO FLIPP/CVE 38.5 DME AND HOLD. CHART PLANVIEW NOTE: RADAR REQUIRED. DELETE TERMINAL ROUTES FROM CQY VORTAC TO LNC NDB AND LNC NDB TO FUJET INT. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE DA 47 FEET AND ALL MDA 60 FEET, INCREASE S-ILS 31 ALL CATS AND S-LOC 31 CAT C VISIBILITY 1/4 MILE. MSA FROM TTT VOR/DME 25 NM 090-270 3600, 270-090 3000. CHART NOTE: DME REQUIRED. DELETE PLANVIEW NOTE: ADF REQUIRED. CHANGE ALL REFERENCE TO FUJET INT TO READ FUJET/RADAR. THIS IS ILS OR LOC RWY 31, AMDT 8B.