U.S. Department
of Transportation

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

**Federal Aviation
Administration**

Transmittal Letter 11-06 **February 4, 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 corrected copies of procedures that were previously published in TL 11-03, TL 11-04, TL 11-05:

Grand Junction, CO, Grand Junction Rgnl, MONUMENT TWO Graphic DP
Berlin, NH, Berlin Rgnl, VOR/DME RWY 18, Amdt 2
New York, NY, John F Kennedy Intl, RNAV (GPS) X RWY 31L, Amdt 1B
New York, NY, John F Kennedy Intl, RNAV (GPS) Y RWY 4L, Amdt 1B
New York, NY, John F Kennedy Intl, RNAV (GPS) Y RWY 4R, Amdt 1B
New York, NY, John F Kennedy Intl, RNAV (GPS) Y RWY 31L, Amdt 1B
New York, NY, John F Kennedy Intl, RNAV (GPS) Y RWY 31R, Amdt 1B
Spokane, WA, Spokane Intl, RNAV (RNP) Z RWY 3, Orig
Spokane, WA, Spokane Intl, RNAV (RNP) Z RWY 7, Orig
Spokane, WA, Spokane Intl, RNAV (RNP) Z RWY 21, Orig
Spokane, WA, Spokane Intl, RNAV (RNP) Z RWY 25, Orig

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MONUMENT	TWO	MONMT2.JNC	ONE	09/25/2008	10 MAR 2011

TYPE: OBSTACLE

DP ROUTE DESCRIPTION:

TAKEOFF RWY 11: CLIMB HEADING 112.17 TO 6800, THEN CLIMBING RIGHT TURN VIA HEADING 240 UNTIL RECEIVING JNC VOR/DME, THEN PROCEED DIRECT JNC VOR/DME, THENCE...
TAKEOFF RWY 29: CLIMB HEADING 292.19 TO 7000, THEN CLIMBING LEFT TURN VIA HEADING 240 UNTIL RECEIVING JNC VOR/DME, THEN PROCEED DIRECT JNC VOR/DME, THENCE...

...CROSS JNC VOR/DME AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT. IF REQUIRED, CONTINUE CLIMB IN JNC HOLDING PATTERN TO CROSS JNC AT OR ABOVE MEA/MCA FOR ROUTE OF FLIGHT.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

RWY 4, NA-OBSTACLES
RWY 22, NA- OBSTACLES, FACILITY RECEPTION (JNC VOR/DME).
RWY 11 - STANDARD WITH MINIMUM CLIMB OF 390 FT PER NM T
RWY 29 - STANDARD WITH MINIMUM CLIMB OF 220 FT PER NM T

TAKEOFF OBSTACLES NOTES:

NOTE: RWY11, POLE AND LIGHT BEGINNING 252 FT FROM DER, 286 FT LEFT OF CENTERLINE, UP TO 20 FT AGL/4880 FT MSL. TREE 3240 FT FROM DER, 1352 FT LEFT OF CENTERLINE, 100 FT AGL/5019 FT MSL.

CONTROLLING OBSTACLES:

RWY 11: 5019 FT MSL TREE 380858.58N/1083007.25W
RWY 29: 7476 FT MSL TOWER 380358.00N/1084454.00W
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 11 - 10079 FT MSL AAO 380312.44N/1081511.09W
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 29 - 10079 FT MSL AAO 380312.44N/1081511.09W

LOST COMMUNICATIONS PROCEDURES:

QUALITY CHECKED

ADDITIONAL FLIGHT DATA:

CHART HOLDING AT JNC VOR/DME. HOLD W, LT, 075 00 INBOUND

This is a corrected copy of a procedure in TL 11-04.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MONUMENT	TWO	MONMT2.JNC	ONE	09/25/2008	10 MAR 2011

AIRPORTS SERVED:

GRAND JUNCTION REGIONAL	GRAND JUNCTION, CO

COMMUNICATIONS:

ATIS, GND CON, TWR, ZDV

FIXES AND/OR NAVAIDS:

REMARKS:

QUALITY CHECKED

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

This is a corrected copy of a procedure published in TL 11-05, dated 21 Jan 2011.

MISSED APPROACH

MAP: WUGAV/BML VOR/DME 2.20 DME

CLIMB TO 3100 ON BML VOR/DME R-192 THEN CLIMBING RIGHT TURN TO 6000 DIRECT BML VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 210.00 INBOUND.
CHART FAS OBST: 1759 TREE 443724N/0711231W
BML VOR/DME TO RW18: 3.58/60
CHART: MAX 10000 AT BML VOR/DME

1. PT **R** SIDE OF COURSE **030.00** OUTBOUND **4400** FT WITHIN **10** MILES OF **BML VOR/DME** (IAF)
2.
3. FAC **191.73** FAF **BML VOR/DME** DIST FAF TO MAP THLD **3.10**
4. MIN. ALT **YEKUK/BML 2.30 DME 3100, BML VOR/DME 2400**
8. MSA FROM: **BML VOR/DME 090-180 6600, 180-270 7500, 270-090 5400**

MAG VAR: **17W** 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
S-18	2060	1 1/4	899	2060	1 1/4	899	2060	2 1/2	899		NA				
CIRCLING	2180	1 1/4	1019	2280	1 1/2	1119	2280	3	1119		NA				

NOTES:

CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1161 THRE: 1161 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BERLIN, NH	**BERLIN RGNL**	**BML**	**VOR/DME RWY 18, AMDT 2** 10 MAR 2011	AMDT **1D**
				DATE **06/08/2006**

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
DPK VOR/DME	SESKE (FB)	230.01 / 10.00	3000
CHANT	WUNKA (FB)	050.06 / 7.78	3000
SESKE (IAF)	ZACHS (FB)	229.92 / 9.47	2000
WUNKA (IAF)	ZACHS (FB)	050.13 / 8.00	2000
ZACHS (IF)	MEALS (FB)	314.91 / 6.76	1800
MEALS (FAF)	RW31L (MAP) (FO)	314.83 / 5.38	
RW31L (MAP)	414 MSL	314.83	
414 MSL	CHANT (FO)		3000

MISSED APPROACH

LNAV: RW31L

CLIMBING LEFT TURN TO 3000 DIRECT CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 338 ATCT 403833N/0734653W
CHART VDP AT 1.69 MILES TO RW31L.
MEALS TO RW31L: 3.04/48.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZACHS
3. FAC: 314.83 FAF: MEALS DIST FAF TO MAP: 5.38 THLD: 5.38
4. MIN. ALT: ZACHS 2000, MEALS 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW31L 2900

This is a corrected copy of a procedure published in TL 11-03, dated 24 Dec 2010
updated ARINC coding

MAG VAR: 14W 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
LNAV MDA	600	5000	586	600	5000	586	600	1 1/2	586	600	1 3/4	586			
CIRCLING	640	1	626	640	1	626	640	1 3/4	626	640	2	626			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DPK VOR/DME ON AIRWAY RADIALS 221 CW 258.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 14 TDZE: 14 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED 09/25/2008

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK   K6011770VDLW N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CHANT K60    C     N40185829W073452499                    W0131    NAR          CHANT
        SUSAEAENRT   MEALS K60    C     N40351202W073405091                    W0133    NAR          MEALS
        SUSAEAENRT   SESKE K60    W     N40392446W073255665                    W0134    NAR          SESKE
        SUSAEAENRT   WUNKA K60    W     N40251575W073392519                    W0132    NAR          WUNKA
        SUSAEAENRT   ZACHS K60    C     N40314369W073331391                    W0133    NAR          ZACHS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000014        1800018000C    MNAR    JOHN F KENNEDY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR31LX ACHANT 010CHANTK6EA0E       IF                                          18000                B JS
        SUSAP KJFKK6FR31LX ACHANT 020WUNKAK6EA0E  A 020TF                      05010078    + 03000                      B JS
        SUSAP KJFKK6FR31LX ACHANT 030ZACHSK6EA0EE B 010TF                      05010080    + 02000                      B JS
        SUSAP KJFKK6FR31LX ADPK   010DPK  K6D 0V       IF                                          18000                B JS
        SUSAP KJFKK6FR31LX ADPK   020SESKEK6EA0E  A 020TF                      23000100    + 03000                      B JS
        SUSAP KJFKK6FR31LX ADPK   030ZACHSK6EA0EE B 010TF                      22990095    + 02000                      B JS
        SUSAP KJFKK6FR31LX R      010ZACHSK6EA0E  I    IF                                    + 02000    18000             B JS
        SUSAP KJFKK6FR31LX R      020MEALSK6EA1E  F 051TF                      31490068    + 01800          RW31L K6PGB JS
        SUSAP KJFKK6FR31LX R      020MEALSK6EA2WN          N          ALNAV                                               JS
        SUSAP KJFKK6FR31LX R      030RW31LK6PG0GY M 031TF                      31480054      00062        -304          B JS
        SUSAP KJFKK6FR31LX R      040          0  M     CA                     3148        + 00414                      B JS
        SUSAP KJFKK6FR31LX R      050CHANTK6EA0EY  L   DF                                  + 03000                      B JS
        SUSAP KJFKK6FR31LX R      060CHANTK6EA0EE  R   HM                     01200050    + 03000                      B JS
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CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED: 09/25/2008

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            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW31L   0145113148 N40375728W073465478+0000     -00278000143263512001

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW31LK6PG               0   18018002925                                                                  M
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) X RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

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
REPRE (IF)	KRSTL (FB)	044.67 / 6.07	1500
KRSTL (FAF)	RW04L (MAP) (FO)	044.72 / 4.43	
RW04L (MAP)	280 MSL	044.72	
280 MSL	WORDI (FB)		2000
WORDI	DUFFY (FO)	091.29 / 7.05	3000

This is a corrected copy of a procedure published in TL 11-03, dated 24 Dec 2010
updated ARINC coding

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04L

CLIMB TO 2000 DIRECT WORDI THEN CLIMB TO 3000 ON TRACK 091.29 TO DUFFY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, LT, 244.00 INBOUND.
CHART FAS OBST: 14 BUSH 403716N/0734706W
CHART FAS OBST: 211 BLDG 403529N/0734715W
DISTANCE TO THLD FROM 268 HAT: 0.66 NM.
CHART VDP AT 1.43 MILES TO RW04L*
*LNAV ONLY.
WAAS CHANNEL # 77519
REFERENCE PATH ID: W04A
LTP HAE: -28.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT REPRE
3. FAC: 044.72 FAF: KRSTL DIST FAF TO MAP: 4.43 THLD: 4.43
4. MIN. ALT: REPRE 2000, KRSTL 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: KRSTL 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 57.0 34:1 IS CLEAR
8. MSA FROM: RW04L 2900

MAG VAR: 14W 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	280	5000	268	280	5000	268	280	5000	268	280	5000	268			
LNAV/VNAV DA	480	1 1/2	468	480	1 1/2	468	480	1 1/2	468	480	1 1/2	468			
LNAV MDA	540	5000	528	540	5000	528	540	1 1/2	528	540	1 3/4	528			
CIRCLING	640	1	626	640	1	626	640	1 3/4	626	640	2	626			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 14 TDZE: 12 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED 09/25/2008

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW04L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	403719.2600N
LTP/FTP LONGITUDE	0734708.1100W
LTP/FTP ELLIPSOIDAL HEIGHT	-00286
FPAP LATITUDE	403855.6500N
FPAP LONGITUDE	0734552.8000W
THRESHOLD CROSSING HEIGHT (TCH)	00057.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	75507C02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00037
FPAP ORTHOMETRIC HEIGHT	+00037

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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   DUFFY K60    C     N40472800W073312139                     W0134     NAR           DUFFY
        SUSAEAENRT   KRSTL K60    C     N40333044W073500657                     W0132     NAR           KRSTL
        SUSAEAENRT   REPRE K60    W     N40281725W073541018                     W0131     NAR           REPRE
        SUSAEAENRT   WORDI K60    W     N40455520W073402473                     W0133     NAR           WORDI

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000014         1800018000C    MNAR    JOHN F KENNEDY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR04LY R      010REPREK6EA0E  I    IF                                  + 02000     18000               A JS
        SUSAP KJFKK6FR04LY R      020KRSTLK6EA1E  F 051TF                    04470061     + 01500                RW04L K6PGA JS
        SUSAP KJFKK6FR04LY R      020KRSTLK6EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KJFKK6FR04LY R      030RW04LK6PG0GY M 031TF                    04470044       00069           -300          A JS
        SUSAP KJFKK6FR04LY R      040         0  M     CA                    0447         + 00280                       A JS
        SUSAP KJFKK6FR04LY R      050WORDIK6EA0E       DF                               + 02000                       A JS
        SUSAP KJFKK6FR04LY R      060DUFFYK6EA0EY   010TF                    0913         + 03000                       A JS
        SUSAP KJFKK6FR04LY R      070DUFFYK6EA0EE  L   HM                    24400040     + 03000                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW04L   0113510448 N40371926W073470811+0000     -00286000120000571501

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR04LY RW04L001Y0000W04A0N4037192600W07347081100-002860300N4038556500W0734552800010675000000570F40050075507C02
        SUSAP KJFKK6PR04LY RW04L002E      +00037+00037LPV       77519
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CITY AND STATE	ELEVATION: 14 TDZE: 12	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED: 09/25/2008

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW04LK6PG               0   18018002925                                                          M
```

CITY AND STATE	ELEVATION: 14 TDZE: 12	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME:	RNAV	RNAV (GPS) Y RWY 4L, AMDT 1B	AMDT: 1A
	JOHN F KENNEDY INTL		10 MAR 2011	DATED: 09/25/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
VERRU (IF)	EBBEE (FB)	044.68 / 6.06	1500
EBBEE (FAF)	RW04R (MAP) (FO)	044.73 / 4.44	
RW04R (MAP)	270 MSL	044.73	
270 MSL	FEXAK (FB)		
FEXAK	DPK VOR/DME (FO)	082.50 / 21.49	4000

This is a corrected copy of a procedure published in TL 11-03, dated 24 Dec 2010
updated ARINC coding

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW04R

CLIMB TO 4000 DIRECT FEXAK AND ON TRACK
082.50 TO DPK VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VERRU
3. FAC: 044.73 FAF: EBBEE DIST FAF TO MAP: 4.44 THLD: 4.44
4. MIN. ALT: VERRU 2000, EBBEE 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1500 GS ALT AT: EBBEE 1500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 53.0 34:1 IS CLEAR
8. MSA FROM: RW04R 2900

ADDITIONAL FLIGHT DATA:
HOLD E, LT, 260.00 INBOUND.
CHART FAS OBST: 277 STACK 403639N/0734540W
CHART FAS OBST: 211 BLDG 403529N/0734715W
DISTANCE TO THLD FROM 257 HAT: 0.64 NM.
CHART VDP AT 1.68 MILES TO RW04R*
*LNAV ONLY.
WAAS CHANNEL # 81819
REFERENCE PATH ID: W04B
LTP HAE: -28.3 M

MAG VAR: 14W 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	270	2400	257	270	2400	257	270	2400	257	270	2400	257			
LNAV/VNAV DA	520	6000	507	520	6000	507	520	6000	507	520	6000	507			
LNAV MDA	600	2400	587	600	2400	587	600	2400	587	600	2400	587			
CIRCLING	640	1	626	640	1	626	640	1 3/4	626	640	2	626			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.

CITY AND STATE	ELEVATION: 14 TDZE: 13 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1B 10 MAR 2011	AMDT: 1A DATED 09/25/2008

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW04R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04B
LTP/FTP LATITUDE	403731.5300N
LTP/FTP LONGITUDE	0734613.2500W
LTP/FTP ELLIPSOIDAL HEIGHT	-00283
FPAP LATITUDE	403848.1400N
FPAP LONGITUDE	0734513.3800W
THRESHOLD CROSSING HEIGHT (TCH)	00053.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	BEE4F537

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00040
FPAP ORTHOMETRIC HEIGHT	+00040

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED: 09/25/2008

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK    K6011770VDLW N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EBBEE K60    C     N40334218W073491220                    W0132     NAR           EBBEE
        SUSAEAENRT   FEXAK K60    W     N40394050W073443244                    W0133     NAR           FEXAK
        SUSAEAENRT   VERRU K60    W     N40282958W073531547                    W0131     NAR           VERRU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000014         1800018000C    MNAR    JOHN F KENNEDY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR04RY R      010VERRUK6EA0E  I    IF                                + 02000     18000                A JS
        SUSAP KJFKK6FR04RY R      020EBBEEK6EA1E  F 051TF                    04470061     + 01500                RW04R K6PGA JS
        SUSAP KJFKK6FR04RY R      020EBBEEK6EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KJFKK6FR04RY R      030RW04RK6PG0GY M 031TF                    04470044       00066            -300        A JS
        SUSAP KJFKK6FR04RY R      040         0  M     CA                    0447         + 00270                      A JS
        SUSAP KJFKK6FR04RY R      050FEXAKK6EA0E       DF                                                            A JS
        SUSAP KJFKK6FR04RY R      060DPK  K6D 0VY   010TF                    0825         + 04000                      A JS
        SUSAP KJFKK6FR04RY R      070DPK  K6D 0VE  L   HM                     26000040     + 04000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW04R   0084000448 N40373153W073461325+0000    -00283000130000532001

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR04RY RW04R001Y0000W04B0N4037315300W07346132500-002830300N4038481400W0734513380010675019200053OF400500BEE4F537
        SUSAP KJFKK6PR04RY RW04R002E      +00040+00040LPV       81819
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CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW04RK6PG              0   18018002925                                                          M
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CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 4R, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

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
DPK VOR/DME	SESKE (FB)	230.01 / 10.00	3000
CHANT	WUNKA (FB)	050.06 / 7.78	3000
SESKE (IAF)	ZACHS (FB)	229.92 / 9.47	2000
WUNKA (IAF)	ZACHS (FB)	050.13 / 8.00	2000
ZACHS (IF)	MEALS (FB)	314.91 / 6.76	1800
MEALS (FAF)	RW31L (MAP) (FO)	314.83 / 5.38	
RW31L (MAP)	270 MSL	314.83	
(SEE FORM 8260-10)			

This is a corrected copy of a procedure published in TL 11-03, dated 24 Dec 2010. *updated ARINC coding*

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31L

CLIMB TO 2000 DIRECT OMEME AND LEFT TURN ON TRACK 216.25 TO NELRE THEN CLIMB TO 3000 ON TRACK 165.32 TO CHANT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 012.00 INBOUND.
CHART FAS OBST: 277 STACK 403639N/0734540W
DISTANCE TO THLD FROM 257 HAT: 0.66 NM.
CHART VDP AT 1.63 MILES TO RW31L*
*LNAV ONLY.
WAAS CHANNEL # 50119
REFERENCE PATH ID: W31A
LTP HAE: -27.8 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZACHS
3. FAC: 314.83 FAF: MEALS DIST FAF TO MAP: 5.38 THLD: 5.38
4. MIN. ALT: ZACHS 2000, MEALS 1800
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: MEALS 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 48.0 34:1 IS CLEAR
8. MSA FROM: RW31L 2900

MAG VAR: 14W 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	270	4000	256	270	4000	256	270	4000	256	270	4000	256			
LNAV/VNAV DA	600	2	586	600	2	586	600	2	586	600	2	586			
LNAV MDA	600	5000	586	600	5000	586	600	1 1/2	586	600	1 3/4	586			
CIRCLING	640	1	626	640	1	626	640	1 3/4	626	640	2	626			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON DPK VOR/DME AIRWAY RADIALS 221 CW 258.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CITY AND STATE	ELEVATION: 14 TDZE: 14 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED 09/25/2008

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
270 MSL	OMEME (FB)		
OMEME	NELRE (FB)	216.25 / 7.12	2000
NELRE	CHANT (FO)	165.32 / 17.02	3000

CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED: 09/25/2008

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW31L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	403757.2760N
LTP/FTP LONGITUDE	0734654.7820W
LTP/FTP ELLIPSOIDAL HEIGHT	-00278
FPAP LATITUDE	403854.1000N
FPAP LONGITUDE	0734900.1700W
THRESHOLD CROSSING HEIGHT (TCH)	00048.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	107.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	45016F60

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00042
FPAP ORTHOMETRIC HEIGHT	+00042

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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
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        DPK    K6011770VDLW N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CHANT K60    C     N40185829W073452499                    W0131     NAR          CHANT
        SUSAEAENRT   MEALS K60    C     N40351202W073405091                    W0133     NAR          MEALS
        SUSAEAENRT   NELRE K60    W     N40335517W073560571                    W0131     NAR          NELRE
        SUSAEAENRT   OMEME K60    W     N40403068W073523360                    W0132     NAR          OMEME
        SUSAEAENRT   SESKE K60    W     N40392446W073255665                    W0134     NAR          SESKE
        SUSAEAENRT   WUNKA K60    W     N40251575W073392519                    W0132     NAR          WUNKA
        SUSAEAENRT   ZACHS K60    C     N40314369W073331391                    W0133     NAR          ZACHS

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000014         1800018000C    MNAR    JOHN F KENNEDY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR31LY ACHANT 010CHANTK6EA0E       IF                                          18000                A JS
        SUSAP KJFKK6FR31LY ACHANT 020WUNKAK6EA0E  A 020TF                    05010078    + 03000                      A JS
        SUSAP KJFKK6FR31LY ACHANT 030ZACHSK6EA0EE B 010TF                    05010080    + 02000                      A JS
        SUSAP KJFKK6FR31LY ADPK   010DPK  K6D 0V       IF                                          18000                A JS
        SUSAP KJFKK6FR31LY ADPK   020SESKEK6EA0E  A 020TF                    23000100    + 03000                      A JS
        SUSAP KJFKK6FR31LY ADPK   030ZACHSK6EA0EE B 010TF                    22990095    + 02000                      A JS
        SUSAP KJFKK6FR31LY R      010ZACHSK6EA0E  I    IF                                + 02000     18000            A JS
        SUSAP KJFKK6FR31LY R      020MEALSK6EA1E  F 051TF                    31490068    + 01800          RW31L K6PGA JS
        SUSAP KJFKK6FR31LY R      020MEALSK6EA2WALPV       ALNAV/VNAV ALNAV                                            JS
        SUSAP KJFKK6FR31LY R      030RW31LK6PG0GY M 031TF                    31480054      00062          -300      A JS
        SUSAP KJFKK6FR31LY R      040         0  M     CA                    3148        + 00270                      A JS
        SUSAP KJFKK6FR31LY R      050OMEMEK6EA0E       DF                                                           A JS
        SUSAP KJFKK6FR31LY R      060NELREK6EA0E   L010TFY                    2163          02000                      A JS
        SUSAP KJFKK6FR31LY R      070CHANTK6EA0EY   010TF                    1653        + 03000                      A JS
        SUSAP KJFKK6FR31LY R      080CHANTK6EA0EE  R   HM                    01200050    + 03000                      A JS
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CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

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```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW31L    0145113148 N40375728W073465478+0000     -0027800014326351200I

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR31LY RW31L001Y0000W31A0N4037572760W07346547820-002780300N4038541000W0734900170010750000000480F40050045016F60
        SUSAP KJFKK6PR31LY RW31L002E      +00042+00042LPV       50119

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW31LK6PG               0   18018002925                                                                  M
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CITY AND STATE	ELEVATION: 14 TDZE: 14	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31L, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

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
DPK VOR/DME (IAF)	CATOD (FB)	229.60 / 18.36	3000
CATOD (IF)	ZULAB (FAF)	314.93 / 6.31	1900
ZULAB (FAF)	RW31R (MAP) (FO)	314.85 / 5.68	
RW31R (MAP)	270 MSL	314.85	
270 MSL	AVIME (FB)		2000
AVIME	COL VOR/DME (FO)	218.61 / 26.63	4000

This is a corrected copy of a procedure published in TL 11-03, dated 24 Dec 2010

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31R

CLIMB TO 2000 DIRECT AVIME THEN CLIMB TO 4000
ON TRACK 218.61 TO COL VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CATOD
3. FAC: 314.85 FAF: ZULAB DIST FAF TO MAP: 5.68 THLD: 5.68
4. MIN. ALT: CATOD 3000, ZULAB 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: ZULAB 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.0 34:1 IS CLEAR
8. MSA FROM: RW31R 2900

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 193.00 INBOUND.
CHART FAS OBST: 118 ASR ANT 403822N/0734559W
CHART FAS OBST: 360 STACK 403658N/0733851W
DISTANCE TO THLD FROM 257 HAT: 0.65 NM.
CHART VDP AT 1.63 MILES TO RW31R*
*LNAV ONLY.
WAAS CHANNEL # 45519
REFERENCE PATH ID: W31B
LTP HAE: -28.2 M

MAG VAR: 14W 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	270	2400	257	270	2400	257	270	2400	257	270	2400	257			
LNAV/VNAV DA	420	5000	407	420	5000	407	420	5000	407	420	5000	407			
LNAV MDA	580	2400	567	580	2400	567	580	5000	567	580	6000	567			
CIRCLING	640	1	626	640	1	626	640	1 3/4	626	640	2	626			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 49C (120F).
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV ALL CAT'S VISIBILITY TO RVR 5000.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DPK VOR/DME ON VIA AIRWAY RADIALS 221 CW 258.
CHART NOTES: MINIMUM ALTITUDE AT CATOD 2000 WHEN AUTHORIZED BY ATC

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED 09/25/2008

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KJFK
RUNWAY	RW31R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31B
LTP/FTP LATITUDE	403842.6105N
LTP/FTP LONGITUDE	0734544.8530W
LTP/FTP ELLIPSOIDAL HEIGHT	-00282
FPAP LATITUDE	403928.2200N
FPAP LONGITUDE	0734725.4300W
THRESHOLD CROSSING HEIGHT (TCH)	00049.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	78B98746

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00041
FPAP ORTHOMETRIC HEIGHT	+00041

QUALITY 4 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
NEW YORK, NY	ELEVATION: 14 TDZE: 13 AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1B 10 MAR 2011	SUP: AMDT: 1A DATED: 09/25/2008

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        COL   K6011540VDLA N40184188W074093502    N40184188W074093502W0110001291     NARCOLTS NECK
        SUSAD        DPK   K6011770VDLW N40473036W073181324    N40473036W073181324W0120001171     NARDEER PARK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AVIME K60    W     N40425630W073550544                    W0132     NAR          AVIME
        SUSAEAENRT   CATOD K60    C     N40323338W073321404                    W0133     NAR          CATOD
        SUSAEAENRT   ZULAB K60    C     N40354799W073392065                    W0133     NAR          ZULAB

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6AJFK     0     145YHN40382310W073464413W014000014         1800018000C    MNAR    JOHN F KENNEDY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6FR31RY ADPK   010DPK  K6D 0V  A    IF                                          18000                A JS
        SUSAP KJFKK6FR31RY ADPK   020CATODK6EA0EE B 010TF                    22960184    + 03000                      A JS
        SUSAP KJFKK6FR31RY R      010CATODK6EA0E  I    IF                                + 03000     18000            A JS
        SUSAP KJFKK6FR31RY R      020ZULABK6EA1E  F 051TF                    31490063    + 01900                RW31R K6PGA JS
        SUSAP KJFKK6FR31RY R      020ZULABK6EA2WALPV       ALNAV/VNAV ALNAV                                              JS
        SUSAP KJFKK6FR31RY R      030RW31RK6PG0GY M 031TF                    31490057      00062          -300          A JS
        SUSAP KJFKK6FR31RY R      040          0  M     CA                  3149        + 00270                      A JS
        SUSAP KJFKK6FR31RY R      050AVIMEK6EA0E        DF                                02000                      A JS
        SUSAP KJFKK6FR31RY R      060COL  K6D 0VY   010TF                    2186          04000                      A JS
        SUSAP KJFKK6FR31RY R      070COL  K6D 0VE  R   HM                    19300040    + 04000                      A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6GRW31R   0100003148 N40384261W073454485+0000    -00282000131030491501
```

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1B 10 MAR 2011	AMDT: 1A
				DATED: 09/25/2008

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6PR31RY RW31R001Y0000W31B0N4038426105W07345448530-002820300N4039282200W07347254300106750000000490F40050078B98746
        SUSAP KJFKK6PR31RY RW31R002E      +00041+00041LPV       45519
```

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                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJFKK6SRW31RK6PG                0   18018002925                                                                    M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 14 TDZE: 13	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
NEW YORK, NY	AIRPORT NAME: JOHN F KENNEDY INTL	RNAV	RNAV (GPS) Y RWY 31R, AMDT 1B 10 MAR 2011	AMDT: 1A DATED: 09/25/2008

U.S. Department of Transportation
Federal Aviation Administration

ILS - 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
ROPES (IAF)	CUMOG (TF) (FB) (RNP 1.00)	241.80/13.88	6500
CUMOG (IF)	WIPRO (TF) (FB) (RNP 1.00)	241.53/5.00	5200
WIPRO	JUDON (RF) (FB) (RNP 1.00)	(2.30 NM RADIUS CW IJQOQ)/2.92	4500
ATOXE (IAF)	IRLUC (TF) (FB) (RNP 1.00)	314.24/9.47	4500
IRLUC (IF)	JUDON (TF) (FB) (RNP 1.00)	314.14/2.00	4000
JUDON	OTEPE (RF) (FB) (RNP 1.00)	(2.22 NM RADIUS CW OGXOH)/2.84	3500
JOMRU (IAF)	HODIX (TF) (FB) (RNP1.00)	198.78/24.45	4600
HODIX (IF)	JEVPI (TF) (FB) (RNP 1.00)	198.53/2.00	4000

MISSED APPROACH

MAP: DA

CLIMB TO 7000 ON TRACK 027.49 TO HUPRA, AND ON TRACK 353.71 TO JOMRU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT ZORIL**
3. FAC: **027.45** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **ZORIL 3500**
5. DIST TO THLD FROM OM: **3.30** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3500** GS ALT AT: **ZORIL 3500** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **55.0# 34:1 IS CLEAR**
8. MSA FROM: **RW03 7100**

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 188.60 INBOUND
CHART FAS OBST: 2535 TREE 473625N/1173432W
CHART FAS OBST: 2475 TREE 473620N/1173351W
CHART OBST: 2507 TREE 473605N/1173423W
 # TCH 2440 MSL (DO NOT CHART)
DISTANCE TO THLD FROM 342 HAT: 0.90 NM
ROUTE TYPE: A,R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S

MAG VAR: **18E** EPOCH YEAR: **2000**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA	2727	4000	342	2727	4000	342	2727	4000	342	2727	4000	342			
RNP 0.30 DA	2850	6000	465	2850	6000	465	2850	6000	465	2850	6000	465			

NOTES: **CHART NOTE: GPS REQUIRED. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C (-3F) OR ABOVE 43C (109F). CHART PLANVIEW NOTE AT ZOOMR, JOMRU, ROPES, AND ATOXE: (RNP 0.30). CHART PLANVIEW NOTE AT JEVPI, WIPRO, AND JUDON: MAX 180 KIAS. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZOOMR ON V2-448 SOUTHWEST BOUND AND AT JOMRU ON V112 NORTHBOUND.**

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 11-04.

CITY AND STATE	ELEVATION: 2385 TDZE: 2385 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	**SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 10 MAR 2011	AMDT: **NONE** / DATE

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV **STANDARD INSTRUMENT APPROACH PROCEDURE**

FLIGHT STANDARDS SERVICES 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 (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEVPI	OTEPE (RF) (FB) (RNP 1.00)	(2.30 NM RADIUS CCW UDXOH)/6.87	3900
ZOOMR (IAF)	HUNUN (TF) (FB) (RNP 1.00)	063.12/23.53	4000
HUNUN (IF)	OTEPE (TF) (FB) (RNP 1.00)	027.34/5.43	3700
OTEPE	ZORIL (TF) (FB) (RNP 0.30)	027.42/2.00	3500
ZORIL (FAF)	RW03 (MAP)(TF)(FO)	027.45/3.30	
RW03 (MAP)	HUPRA (TF) (FB) (RNP 1.00)	027.49/7.60	
HUPRA	JOMRU (TF) (FO) (RNP 1.00)	353.71/15.52	7000

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOXE ON V253 SOUTHEAST BOUND AND AT ROPES ON V2 EAST BOUND.
CHART NOTE: FOR INOPERATIVE ALSF-2 INCREASE RNP 0.11 DA ALL CATS VISIBILITY TO 1 1/4, INCREASE RNP 0.30 DA ALL CATS VISIBILITY TO 1 1/2.
CHART PLANVIEW NOTE ADJACENT TO JOMRU, ATOXE, ROPES, IAF: RF REQUIRED.

CITY AND STATE	ELEVATION: 2385 TDZE: 2385 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	SPOKANE INTL	RNAV	10 MAR 2011 RNAV (RNP) Z RWY 3, ORIG	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 PACKET - 424-18 - RNAV (RNP)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   ATOXE K10    C   L N47200770W117311767                    E0156     NAR          ATOXE
         SUSAEAENRT   CUMOG K10    W     N47295985W117281847                    E0156     NAR          CUMOG
         SUSAEAENRT   HODIX K10    W     N47373005W117415638                    E0157     NAR          HODIX
         SUSAEAENRT   HUNUN K10    W     N47290464W117441714                    E0157     NAR          HUNUN
         SUSAEAENRT   HUPRA K10    W     N47415554W117245880                    E0157     NAR          HUPRA
         SUSAEAENRT   IJQOQ K10    W     N47312074W117361071                    E0157     NAR          CNF(IJQOQ)
         SUSAEAENRT   IRLUC K10    W     N47283026W117374798                    E0157     NAR          IRLUC
         SUSAEAENRT   JEVPI K10    W     N47355366W117434192                    E0157     NAR          JEVPI
         SUSAEAENRT   JOMRU K10    C   L N47570656W117201766                    E0157     NAR          JOMRU
         SUSAEAENRT   JUDON K10    W     N47301629W117391069                    E0157     NAR          JUDON
         SUSAEAENRT   OGXOH K10    W     N47311857W117361702                    E0157     NAR          CNF(OGXOH)
         SUSAEAENRT   OTEPE K10    W     N47325342W117383496                    E0157     NAR          OTEPE
         SUSAEAENRT   ROPES K10    C   L N47322907W117080962                    E0155     NAR          ROPES
         SUSAEAENRT   UDXOH K10    W     N47343164W117405801                    E0157     NAR          CNF(UDXOH)
         SUSAEAENRT   WIPRO K10    W     N47290515W117353343                    E0157     NAR          WIPRO
         SUSAEAENRT   ZOOMR K10    C   B N47253189W118183362                    E0159     NAR          ZOOMR
         SUSAEAENRT   ZORIL K10    W     N47341758W117362872                    E0157     NAR          ZORIL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGEGK1AGEG     0     110YHN47370850W117320680E018002385          1800018000C    MNAR     SPOKANE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGEGK1FR03-Z AATOXE 010ATOXEK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR03-Z AATOXE 020IRLUCK1EA0E  B 010TF                    31420095    + 04500                      A PS
         SUSAP KGEGK1FR03-Z AATOXE 030JUDONK1EA0E    010TF                    31410020    + 04000        180           A-PS
         SUSAP KGEGK1FR03-Z AATOXE 040OTEPEK1EA0EE  R010RF       0022203141   02740028    + 03500                OGXOH K1EAA PS
         SUSAP KGEGK1FR03-Z AJOMRU 010JOMRUK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR03-Z AJOMRU 020HODIXK1EA0E  B 010TF                    19880245    + 04600                      A PS
         SUSAP KGEGK1FR03-Z AJOMRU 030JEVPIK1EA0E    010TF                    19850020    + 04000        180           A-PS
         SUSAP KGEGK1FR03-Z AJOMRU 040OTEPEK1EA0EE  L010RF       0023001985   02740069    + 03900                UDXOH K1EAA PS
         SUSAP KGEGK1FR03-Z AROPES 010ROPESK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR03-Z AROPES 020CUMOGK1EA0E  B 010TF                    24180139    + 06500                      A PS
         SUSAP KGEGK1FR03-Z AROPES 030WIPROK1EA0E    010TF                    24150050    + 05200        180           A-PS
         SUSAP KGEGK1FR03-Z AROPES 040JUDONK1EA0E   R010RF       0023002415   31420029    + 04500        180    IJQOQ K1EAA-PS
         SUSAP KGEGK1FR03-Z AROPES 050OTEPEK1EA0EE  R010RF       0022203142   02740028    + 03500                OGXOH K1EAA PS
         SUSAP KGEGK1FR03-Z AZOOMR 010ZOOMRK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR03-Z AZOOMR 020HUNUNK1EA0E  B 010TF                    06310235    + 04000                      A PS
```

CITY AND STATE	ELEVATION: **2385** TDZE: **2385**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: **SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 10 MAR 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 KGEGK1FR03-Z AZOOMR 030OTEPEK1EA0EE   010TF                  02730054    + 03700                          A PS
SUSAP KGEGK1FR03-Z R      010OTEPEK1EA0E  I    IF                              + 03500     18000                A PS
SUSAP KGEGK1FR03-Z R      020ZORILK1EA1E  F 031TF                02740020    + 03500                 RW03  K1PGA PS
SUSAP KGEGK1FR03-Z R      020ZORILK1EA2W                                          A031A112                     PS
SUSAP KGEGK1FR03-Z R      030RW03 K1PG0GY M 031TF                02750033      02440             -300         A PS
SUSAP KGEGK1FR03-Z R      040HUPRAK1EA0E M  010TF                02750076                                     A PS
SUSAP KGEGK1FR03-Z R      050JOMRUK1EA0EY   010TF                35370155    + 07000                          A PS
SUSAP KGEGK1FR03-Z R      060JOMRUK1EA0EE  R020HM                18860070    + 07000                          A PS
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGEGK1GRW03     0110020275 N47363629W117330029-0600     +07086023850000551501
```

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGEGK1SRW03 K1PG               0   18018007125                                                          M
```

CITY AND STATE	ELEVATION: **2385** TDZE: **2385**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: **SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 3, ORIG** 10 MAR 2011	AMDT: **NONE**
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROPES (IAF)	HUBSI (TF) (FB) (RNP 1.00)	252.29/13.98	6500
HUBSI (IF)	JILEB (TF) (FB) (RNP 1.00)	252.05/6.00	5000
JILEB	JUKDO (RF) (FB) (RNP 1.00)	(2.26 NM RADIUS CW ROJQY)/2.57	4300
JUKDO	WESKU (RF) (FB) (RNP 1.00)	(2.26 NM RADIUS CW ROJQY)/2.19	3900
WESKU	HUREV (RF) (FB) (RNP 1.00)	(2.26 NM RADIUS CW ROJQY)/2.37	3400
ATOXE (IAF)	ZOTAV (TF) (FB) (RNP 1.00)	317.13/13.12	4300
ZOTAV (IF)	JUKDO (TF) (FB) (RNP 1.00)	317.04/2.00	4300
JOMRU (IAF)	WONEV (TF) (FB) (RNP 1.00)	201.33/19.20	4600

MISSED APPROACH

MAP DA

CLIMB TO 7000 ON TRACK 072.49 TO JERPU, LEFT TURN TO OZALO, AND ON TRACK 333.74 TO JOMRU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT HUREV**
3. FAC: **072.43** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: **HUREV 3400**
5. DIST TO THLD FROM OM: **3.00** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3400** GS ALT AT: **HUREV 3400** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **60.0# 34:1 IS NOT CLEAR**
8. MSA FROM: **RW07 7200**

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 188.60 INBOUND.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
 # TCH 2436 MSL (DO NOT CHART)
DISTANCE TO THLD FROM 273 HAT: 0.67 NM
CHART FAS OBST: 2405 BLDG 473658N/1173350W

MAG VAR: **18E** EPOCH YEAR: **2000**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA *	**2649**	**1**	**273**	**2649**	**1**	**273**	**2649**	**1**	**273**	**2649**	**1**	**273**			
RNP 0.30 DA	**2853**	**1 3/4**	**477**	**2853**	**1 3/4**	**477**	**2853**	**1 3/4**	**477**	**2853**	**1 3/4**	**477**			

NOTES: **CHART NOTE: GPS REQUIRED. CHART NOTE: RF REQUIRED. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C (-3F) OR ABOVE 42C (109F). CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZOOMR ON V2-448 SOUTHWEST BOUND AND AT JOMRU ON V112 NORTHBOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOXE ON V253 SOUTHEAST BOUND AND AT ROPES ON V2 EASTBOUND. CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.**

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 11-04.

CITY AND STATE	ELEVATION: 2385 TDZE: 2376 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	**SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 7, ORIG** 10 MAR 2011	AMDT: **NONE** DATE

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WONEV (IF)	ZINAG (TF) (FB) (RNP 1.00)	201.11/2.00	4000
ZINAG	OMPIZ (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CCW YIDTU)/2.29	4000
OMPIZ	HUREV (RF) (FB) (RNP 1.00)	(2.24 NM RADIUS CCW YIDTU)/2.74	3400
ZOOMR (IAF)	WOLDA (TF) (FB) (RNP 1.00)	041.23/22.73	4500
WOLDA (IF)	JIVKA (TF) (FB) (RNP 1.00)	072.29/6.01	3900
JIVKA	HUREV (TF) (FB) (RNP 1.00)	072.40/2.15	3400
HUREV (FAF)	RW07 (TF) (FO)	072.43/3.00	
RW07 (MAP)	JERPU (TF) (FB) (RNP 1.00)	072.49/6.07	
JERPU	OZALO (RF) (FB) (RNP 1.00)	(4.80 NM RADIUS CCW IYOVY)/8.27	
OZALO	JOMRU (TF) (FO) (RNP 1.00)	333.74/14.83	7000

NOTES (CONT'D)

CHART PLANVIEW NOTE AT JILEB, JUKDO, AND ZINAG: MAX 180 KIAS.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.
CHART NOTE: *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 281 FEET PER NM TO 3000.

CITY AND STATE	ELEVATION: 2385 TDZE: 2376 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	SPOKANE INTL	RNAV	10 MAR 2011 RNAV (RNP) Z RWY 7, ORIG	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 (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATOXE K1O    C   L N47200770W117311767                E0156    NAR          ATOXE
        SUSAEAENRT   HUBSI K1O    W     N47323151W117284791                E0156    NAR          HUBSI
        SUSAEAENRT   HUREV K1O    W     N47370252W117373795                E0157    NAR          HUREV
        SUSAEAENRT   IYOVY K1O    W     N47414544W117240954                E0157    NAR          CNF(IYOVY)
        SUSAEAENRT   JERPU K1O    W     N47365761W117241302                E0156    NAR          JERPU
        SUSAEAENRT   JILEB K1O    W     N47323148W117373928                E0157    NAR          JILEB
        SUSAEAENRT   JIVKA K1O    W     N47370346W117404857                E0157    NAR          JIVKA
        SUSAEAENRT   JOMRU K1O    C   L N47570656W117201766                E0157    NAR          JOMRU
        SUSAEAENRT   JUKDO K1O    W     N47334973W117404099                E0157    NAR          JUKDO
        SUSAEAENRT   OMPIZ K1O    W     N47383183W117404371                E0157    NAR          OMPIZ
        SUSAEAENRT   OZALO K1O    W     N47422668W117170755                E0156    NAR          OZALO
        SUSAEAENRT   ROJQY K1O    W     N47344700W117373949                E0157    NAR          CNF(ROJQY)
        SUSAEAENRT   ROPES K1O    C   L N47322907W117080962                E0155    NAR          ROPES
        SUSAEAENRT   WESKU K1O    W     N47355563W117403224                E0157    NAR          WESKU
        SUSAEAENRT   WOLDA K1O    W     N47370563W117494166                E0158    NAR          WOLDA
        SUSAEAENRT   WONEV K1O    W     N47421458W117381877                E0157    NAR          WONEV
        SUSAEAENRT   YIDTU K1O    W     N47391684W117373643                E0157    NAR          CNF(YIDTU)
        SUSAEAENRT   ZINAG K1O    W     N47404151W117401080                E0157    NAR          ZINAG
        SUSAEAENRT   ZOOMR K1O    C   B N47253189W118183362                E0159    NAR          ZOOMR
        SUSAEAENRT   ZOTAV K1O    W     N47320101W117392620                E0157    NAR          ZOTAV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1AGEG     0     110YHN47370850W117320680E018002385          1800018000C    MNAR    SPOKANE INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1FR07-Z AATOXE 010ATOXEK1EA0E  A    IF                                                18000              A PS
        SUSAP KGEGK1FR07-Z AATOXE 020ZOTAVK1EA0E  B 010TF                      31710131    + 04300                        A PS
        SUSAP KGEGK1FR07-Z AATOXE 030JUKDOK1EA0E    010TF                      31700020    + 04300         180            A-PS
        SUSAP KGEGK1FR07-Z AATOXE 040WESKUK1EA0E    R010RF      0022603170     01240022    + 03900                ROJQY K1EAA PS
        SUSAP KGEGK1FR07-Z AATOXE 050HUREVK1EA0EE   R010RF      0022600124     07240024    + 03400                ROJQY K1EAA PS
        SUSAP KGEGK1FR07-Z AJOMRU 010JOMRUK1EA0E  A    IF                                                18000              A PS
        SUSAP KGEGK1FR07-Z AJOMRU 020WONEVK1EA0E  B 010TF                      20130192    + 04600                        A PS
        SUSAP KGEGK1FR07-Z AJOMRU 030ZINAGK1EA0E    010TF                      20110020    + 04000         180            A-PS
        SUSAP KGEGK1FR07-Z AJOMRU 040OMPIZK1EA0E    L010RF      0022402011     14240023    + 04000                YIDTU K1EAA PS
        SUSAP KGEGK1FR07-Z AJOMRU 050HUREVK1EA0EE   L010RF      0022401424     07240027    + 03400                YIDTU K1EAA PS
        SUSAP KGEGK1FR07-Z AROPES 010ROPESK1EA0E  A    IF                                                18000              A PS
        SUSAP KGEGK1FR07-Z AROPES 020HUBSIK1EA0E  B 010TF                      25230140    + 06500                        A PS
```

CITY AND STATE	ELEVATION: **2385** TDZE: **2376**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: **SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 7, ORIG** 10 MAR 2011	AMDT: **NONE**
				DATED:

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```
SUSAP KGEGK1FR07-Z AROPES 030JILEBK1EA0E    010TF                    25210060    + 05000          180              A-PS
SUSAP KGEGK1FR07-Z AROPES 040JUKDOK1EA0E   R010RF       0022602521   31700026    + 04300          180    ROJQY K1EAA-PS
SUSAP KGEGK1FR07-Z AROPES 050WESKUK1EA0E   R010RF       0022603170   01240022    + 03900                 ROJQY K1EAA PS
SUSAP KGEGK1FR07-Z AROPES 060HUREVK1EA0EE  R010RF       0022600124   07240024    + 03400                 ROJQY K1EAA PS
SUSAP KGEGK1FR07-Z AZOOMR 010ZOOMRK1EA0E  A    IF                                          18000                A PS
SUSAP KGEGK1FR07-Z AZOOMR 020WOLDAK1EA0E  B 010TF                    04120227    + 04500                         A PS
SUSAP KGEGK1FR07-Z AZOOMR 030JIVKAK1EA0E    010TF                    07230060    + 03900                         A PS
SUSAP KGEGK1FR07-Z AZOOMR 040HUREVK1EA0EE   010TF                    07240022    + 03400                         A PS
SUSAP KGEGK1FR07-Z R      020HUREVK1EA1E  F    IF                                + 03400     18000        RW07 BK1PGA PS
SUSAP KGEGK1FR07-Z R      020HUREVK1EA2W                                             A031A112                      PS
SUSAP KGEGK1FR07-Z R      030RW07 K1PG0GY M 031TF                    07240030      02436              -300         A PS
SUSAP KGEGK1FR07-Z R      040JERPUK1EA0E M  010TF                    07250061                                      A PS
SUSAP KGEGK1FR07-Z R      050OZALOK1EA0E   L010RF       0048000725   33370083                            IYOVY K1EAA PS
SUSAP KGEGK1FR07-Z R      060JOMRUK1EA0EY   010TF                    33370148    + 07000                         A PS
SUSAP KGEGK1FR07-Z R      070JOMRUK1EA0EE  R020HM                    18860070    + 07000                         A PS
```

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            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGEGK1GRW07     0081990725 N47370107W117331176-0100     +0705902376000060150R
```

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA    1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234
       ------------------------------------------------------------------------------------------------------------------------
       SUSAP KGEGK1SRW07 K1PGB              0   18018007225                                                              M
```

CITY AND STATE	ELEVATION: 2385 TDZE: 2376	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: SPOKANE INTL	RNAV	RNAV (RNP) Z RWY 7, ORIG	AMDT: NONE
			10 MAR 2011	DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOOMR (IAF)	WEGNE (TF) (FB) (RNP 1.00)	040.86/29.41	4500
WEGNE (IF)	JIVBO (TF) (FB) (RNP 1.00)	041.32/7.00	4000
JIVBO	OXOJO (RF) (FB) (RNP 1.00)	(2.60 NM RADIUS CW UKIYI)/4.19	3500
OXOJO	WAVIX (RF) (FB) (RNP 1.00)	(2.60 NM RADIUS CW UKIYI)/3.35	3400
JOMRU (IAF)	CEBUS (TF) (FB) (RNP 1.00)	154.80/10.85	5000
CEBUS (IF)	JIXEG (TF) (FB) (RNP 1.00)	207.67/6.83	3700
JIXEG	WAVIX (TF) (FB) (RNP 1.00)	207.58/2.10	3400

MISSED APPROACH

MAP: DA

CLIMB TO 5000 ON TRACK 207.51 TO IRUHO AND ON TRACK 248.07 TO GANGS AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. **PROFILE STARTS AT WAVIX**
3. FAC: **207.55** FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: ____
5. DIST TO THLD FROM OM: **3.19** MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: **3400** GS ALT AT: **WAVIX 3400** OM: ____ MM: ____ IM: ____
7. GS ANGLE: **3.00** TCH: **58.8#** **34:1 IS CLEAR**
8. MSA FROM: **RW21 7200**

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 052.48 INBOUND
CHART FAS OBST: 2398 TREE 473821N/1173012W
CHART: 2391 TREE 473822N/1172953W
DISTANCE TO THLD FROM 250 HAT: 0.69NM
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
 # TCH 2376.1 MSL (DO NOT CHART)

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 11-04.

MAG VAR: **18E** EPOCH YEAR: **2000**

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA ##	**2596**	**2400**	**250**	**2596**	**2400**	**250**	**2596**	**2400**	**250**	**2596**	**2400**	**250**			
RNP 0.15 DA	**2676**	**4000**	**330**	**2676**	**4000**	**330**	**2676**	**4000**	**330**	**2676**	**4000**	**330**			
RNP 0.30 DA	**2729**	**5000**	**383**	**2729**	**5000**	**383**	**2729**	**5000**	**383**	**2729**	**5000**	**383**			

NOTES: **CHART NOTES: GPS REQUIRED. FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C (-3F) OR ABOVE 43C (109F).**
CHART PLANVIEW NOTE AT JIVBO, OPTIY, ZUDSI: MAX 180 KIAS.
CHART PLANVIEW NOTE: ## MISSED APPROACH REQUIRES MINIMUM CLIMB GRADIENT OF 272 FT PER NM TO 3000.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 2385 TDZE: 2346 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	**SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG** 10 MAR 2011	AMDT: **NONE** DATE

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TERMINAL ROUTES (CONT'D)

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ROPES (IAF)	CUFYE (TF) (FB) (RNP 1.00)	290.61/5.07	6500
CUFYE	CUMUR (TF) (FB) (RNP 1.00)	290.54/2.00	5900
CUMUR (IF)	INVUW (TF) (FB) (RNP 1.00)	290.51/2.00	5600
INVUW	OPTIY (TF) (FB) (RNP 1.00)	290.48/3.46	4500
ATOXE (IAF)	CAHLA (TF) (FB) (RNP 1.00)	000.84/12.41	4600
CAHLA (IF)	ZUDSI (TF) (FB) (RNP 1.00)	008.06/5.84	4600
ZUDSI	OPTIY (RF) (FB) (RNP 1.00)	(2.60 NM RADIUS CCW YIVUD)/3.53	4500
OPTIY	WAVIX (RF) (FB) (RNP 1.00)	(2.60 NM RADIUS CCW YIVUD)/3.76	3400
WAVIX (FAF)	RW21 (TF) (FO)	207.55/3.19	
RW21 (MAP)	IRUHO (TF) (FB) (RNP 1.00)	207.51/10.00	
IRUHO	GANGS (TF) (FO) (RNP 1.00)	248.07/9.77	5000

NOTES: (CONT'D)

CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZOOMR ON V2-448 SOUTHWEST BOUND AND AT JOMRU ON V112 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOXE ON V253 SOUTHWEST BOUND AND AT ROPES ON V2 EASTBOUND.

CHART NOTE: FOR INOPERATIVE ALSF-2 INCREASE RNP 0.11 VISIBILITY ALL CATS TO 1, RNP 0.15 VISIBILITY ALL CATS TO 1 1/4 AND RNP 0.30 VISIBILITY ALL CATS TO 1 1/2.

CHART PLANVIEW NOTE ADJACENT TO ZOOMR, ATOXE, AND ROPES IAF: RF REQUIRED.

CITY AND STATE	ELEVATION: 2385 TDZE: 2317 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	SPOKANE INTL	RNAV	10 MAR 2011 RNAV (RNP) Z RWY 21, ORIG	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 PACKET - 424-18 - RNAV (RNP)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAEAENRT   ATOXE K1D     C   L N47200770W117311767                E0156     NAR           ATOXE
         SUSAEAENRT   CAHLA K1D     W     N47315182W117252279                E0156     NAR           CAHLA
         SUSAEAENRT   CEBUS K1D     W     N47462098W117181667                E0157     NAR           CEBUS
         SUSAEAENRT   CUFYE K1D     W     N47353871W117140094                E0156     NAR           CUFYE
         SUSAEAENRT   CUMUR K1D     W     N47365341W117161968                E0156     NAR           CUMUR
         SUSAEAENRT   GANGS K1D     C   L N47301062W117555974                E0158     NAR           GANGS
         SUSAEAENRT   INVUW K1D     W     N47380806W117183853                E0156     NAR           INVUW
         SUSAEAENRT   IRUHO K1D     W     N47305166W117413720                E0157     NAR           IRUHO
         SUSAEAENRT   JIVBO K1D     W     N47441175W117322320                E0157     NAR           JIVBO
         SUSAEAENRT   JIXEG K1D     W     N47413455W117253059                E0157     NAR           JIXEG
         SUSAEAENRT   JOMRU K1D     C   L N47570656W117201766                E0157     NAR           JOMRU
         SUSAEAENRT   OPTIY K1D     W     N47401709W117223900                E0157     NAR           OPTIY
         SUSAEAENRT   OXOJO K1D     W     N47431125W117270211                E0157     NAR           OXOJO
         SUSAEAENRT   ROPES K1D     C   L N47322907W117080962                E0155     NAR           ROPES
         SUSAEAENRT   UKIYI K1D     W     N47415753W117302566                E0157     NAR           CNF(UKIYI)
         SUSAEAENRT   WAVIX K1D     W     N47400626W117274392                E0157     NAR           WAVIX
         SUSAEAENRT   WEGNE K1D     W     N47403792W117411834                E0157     NAR           WEGNE
         SUSAEAENRT   YIVUD K1D     W     N47381493W117250238                E0157     NAR           CNF(YIVUD)
         SUSAEAENRT   ZOOMR K1D     C   B N47253189W118183362                E0159     NAR           ZOOMR
         SUSAEAENRT   ZUDSI K1D     W     N47370626W117213532                E0156     NAR           ZUDSI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGEGK1AGEG     0     110YHN47370850W117320680E018002385          1800018000C    MNAR     SPOKANE INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAP KGEGK1FR21-Z AATOXE 010ATOXEK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR21-Z AATOXE 020CAHLAK1EA0E  B 010TF                    00080124    + 04600                      A PS
         SUSAP KGEGK1FR21-Z AATOXE 030ZUDSIK1EA0E    010TF                    00810058    + 04600        180           A-PS
         SUSAP KGEGK1FR21-Z AATOXE 040OPTIYK1EA0E   L010RF      0026000081    29040035    + 04500        180    YIVUD K1EAA-PS
         SUSAP KGEGK1FR21-Z AATOXE 050WAVIXK1EA0EE  L010RF      0026002904    20760038    + 03400               YIVUD K1EAA PS
         SUSAP KGEGK1FR21-Z AJOMRU 010JOMRUK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR21-Z AJOMRU 020CEBUSK1EA0E  B 010TF                    15480109    + 05000                      A PS
         SUSAP KGEGK1FR21-Z AJOMRU 030JIXEGK1EA0E    010TF                    20770068    + 03700                      A PS
         SUSAP KGEGK1FR21-Z AJOMRU 040WAVIXK1EA0EE   010TF                    20760021    + 03400                      A PS
         SUSAP KGEGK1FR21-Z AROPES 010ROPESK1EA0E  A    IF                                          18000                A PS
         SUSAP KGEGK1FR21-Z AROPES 020CUFYEK1EA0E    010TF                    29060051    + 06500                      A PS
         SUSAP KGEGK1FR21-Z AROPES 030CUMURK1EA0E  B 010TF                    29050020    + 05900                      A PS
```

CITY AND STATE	ELEVATION: **2385** TDZE: **2346**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: **SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 21, ORIG** 10 MAR 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 KGEGK1FR21-Z AROPES 040INVUWK1EA0E    010TF                  29050020    + 05600                          A PS
SUSAP KGEGK1FR21-Z AROPES 050OPTIYK1EA0E    010TF                  29050035    + 04500          180             A-PS
SUSAP KGEGK1FR21-Z AROPES 060WAVIXK1EA0EE  L010RF       0026002905  20760038    + 03400                  YIVUD K1EAA PS
SUSAP KGEGK1FR21-Z AZOOMR 010ZOOMRK1EA0E  A    IF                                          18000                    A PS
SUSAP KGEGK1FR21-Z AZOOMR 020WEGNEK1EA0E  B 010TF                  04090294    + 04500                          A PS
SUSAP KGEGK1FR21-Z AZOOMR 030JIVBOK1EA0E    010TF                  04130070    + 04000          180             A-PS
SUSAP KGEGK1FR21-Z AZOOMR 040OXOJOK1EA0E   R010RF       0026000413  13380042    + 03500                  UKIYI K1EAA PS
SUSAP KGEGK1FR21-Z AZOOMR 050WAVIXK1EA0EE  R010RF       0026001338  20760034    + 03400                  UKIYI K1EAA PS
SUSAP KGEGK1FR21-Z R      020WAVIXK1EA1E  F    IF                                  + 03400     18000        RW21 BK1PGA PS
SUSAP KGEGK1FR21-Z R      020WAVIXK1EA2W                                               A031A152A112                    PS
SUSAP KGEGK1FR21-Z R      030RW21 K1PG0GY M 031TF                  20760032      02376              -300          A PS
SUSAP KGEGK1FR21-Z R      040IRUHOK1EA0E M  010TF                  20750100                                       A PS
SUSAP KGEGK1FR21-Z R      050GANGSK1EA0EY   010TF                  24810098    + 05000                          A PS
SUSAP KGEGK1FR21-Z R      060GANGSK1EA0EE  R020HM                  05250050    + 05000                          A PS
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1GRW21    0110022075 N47375238W117310576+0600    +06879023170000591501
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1SRW21 K1PGB              0   18018007225                                                                  M
```

CITY AND STATE	ELEVATION: 2385 TDZE: 2346	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: SPOKANE INTL	RNAV	RNAV (RNP) Z RWY 21, ORIG 10 MAR 2011	AMDT: NONE
				DATED:

U.S. Department of Transportation
Federal Aviation Administration

RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HIPRR	ROPES (TF) (FB) (RNP 2.00)	256.46/12.08	7500
ROPES (IAF)	HITVI (TF) (FB) (RNP 0.50)	295.85/6.36	5300
ATOXE (IAF)	EGIYI (TF) (FB) (RNP 1.00)	003.93/10.00	4100
ZOOMR (IAF)	WOSAX (TF) (FB) (RNP 1.00)	061.50/29.12	4200
JOMRU (IAF)	IQITO (TF) (FB) (RNP 1.00)	167.80/12.99	4000
HITVI (IF)	KAXYU (TF) (FB) (RNP 0.30)	252.72/5.26	4000
KAXYU	WARKI (TF) (FB) (RNP 0.30)	252.62/2.69	3400
EGIYI (IF)	WEDUD (TF) (FB) (RNP 0.30)	004.00/4.47	3700

MISSED APPROACH

MAP DA

CLIMB TO 5000 ON TRACK 252.58 TO TEFXY AND ON TRACK 215.79 TO GANGS AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 052.48 INBOUND.
ROUTE TYPE: A, R
ROUTE TYPE QUALIFIER 1: P
ROUTE TYPE QUALIFIER 2: S
TCH 2422 MSL (DO NOT CHART)
DISTANCE TO THLD FROM 377 HAT: 1.03 NM

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WARKI
3. FAC: 252.58 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: WARKI 3400
5. DIST TO THLD FROM OM: 3.05 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: WARKI 3400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 # 34:1 IS NOT CLEAR
8. MSA FROM: RW25 7100

MAG VAR: 18E EPOCH YEAR: 2000

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA	DH/ MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED															
RNP 0.11 DA	2750	1 1/4	377	2750	1 1/4	377	2750	1 1/4	377	2750	1 1/4	377			
RNP 0.30 DA	2796	1 1/2	423	2796	1 1/2	423	2796	1 1/2	423	2796	1 1/2	423			

NOTES: CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE ADJACENT TO ZOOMR, ATOXE, JOMRU, IAF: RF REQUIRED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19C (-3F)OR ABOVE 42C (109F).
CHART PLANVIEW NOTE AT ZOOMR, ATOXE, JOMRU, HIPRR: RNP 0.30.
CHART PLANVIEW NOTE AT INIXE, WEDUD, YOCUG : MAX 180 KIAS.

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 11-04.

CITY AND STATE	ELEVATION: 2385 TDZE: 2373 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	SPOKANE INTL	RNAV	RNAV (RNP) Z RWY 25, ORIG	AMDT: NONE
			10 MAR 2011	DATE

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

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEDUD	WARKI (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW YIYDU)/4.86	3400
WOSAX (IF)	INIXE (TF) (FB) (RNP 1.00)	061.21/7.08	4100
INIXE	WEDUD (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW YIYDL)/2.50	3700
WEDUD	WARKI (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CCW YIYDU)/4.86	3400
IQITO (IF)	YOCUG (TF) (FB) (RNP 0.30)	167.77/5.00	3400
YOCUG	WARKI (RF) (FB) (RNP 0.30)	(2.50 NM RADIUS CW XOWIR)/3.70	3400
WARKI (FAF)	RW25 (MAP) (TF) (FO)	252.58/3.05	
RW25 (MAP)	TEFXY (TF) (FB) (RNP 1.00)	252.58/7.40	
TEFXY	GANGS (TF) (FO) (RNP 1.00)	215.79/11.64	5000

NOTES (CONT'D)

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZOOMR ON V2-448 SOUTHWEST BOUND AND AT JOMRU ON V112 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOXE ON V253 SOUTHEAST BCUND AND AT ROPES AND HIPRR ON V2 EASTBOUND.
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE	ELEVATION: 2385 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	SPOKANE INTL	KGEG	10 MAR 2011 RNAV (RNP) Z RWY 25, ORIG	AMDT:
				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 (RNP)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATOXE K10    C   L N47200770W117311767                    E0156     NAR           ATOXE
        SUSAEAENRT   EGIYI K10    W     N47292386W117254724                    E0156     NAR           EGIYI
        SUSAEAENRT   GANGS K10    C   L N47301062W117555974                    E0158     NAR           GANGS
        SUSAEAENRT   HIPRR K10    R   L N47313418W116502314                    E0154     NAR           HIPRR
        SUSAEAENRT   HITVI K10    W     N47365322W117145661                    E0156     NAR           HITVI
        SUSAEAENRT   INIXE K10    W     N47320137W117260318                    E0156     NAR           INIXE
        SUSAEAENRT   IQITO K10    W     N47441180W117221427                    E0157     NAR           IQITO
        SUSAEAENRT   JOMRU K10    C   L N47570656W117201766                    E0157     NAR           JOMRU
        SUSAEAENRT   KAXYU K10    W     N47365692W117224326                    E0156     NAR           KAXYU
        SUSAEAENRT   ROPES K10    C   L N47322907W117080962                    E0155     NAR           ROPES
        SUSAEAENRT   TEFXY K10    W     N47370387W117420837                    E0157     NAR           TEFXY
        SUSAEAENRT   WARKI K10    W     N47365861W117264189                    E0157     NAR           WARKI
        SUSAEAENRT   WEDUD K10    W     N47333242W117231883                    E0156     NAR           WEDUD
        SUSAEAENRT   WOSAX K10    W     N47304238W117361902                    E0157     NAR           WOSAX
        SUSAEAENRT   XOWIR K10    W     N47392852W117263964                    E0157     NAR           CNF(XOWIR)
        SUSAEAENRT   YIYDU K10    W     N47342871W117264413                    E0156     NAR           CNF(YIYDU)
        SUSAEAENRT   YOCUG K10    W     N47391349W117225888                    E0156     NAR           YOCUG
        SUSAEAENRT   ZOOMR K10    C   B N47253189W118183362                    E0159     NAR           ZOOMR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1AGEG     0     110YHN47370850W11732068OE018002385          1800018000C    MNAR    SPOKANE INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1FR25-Z AATOXE 010ATOXEK1EA0E  A    IF                                                  18000                A PS
        SUSAP KGEGK1FR25-Z AATOXE 020EGIYIK1EA0E  B 010TF                    00390100    + 04100                                A PS
        SUSAP KGEGK1FR25-Z AATOXE 030WEDUDK1EA0E    031TF                    00400045    + 03700          180                   A-PS
        SUSAP KGEGK1FR25-Z AATOXE 040WARKIK1EA0EE  L031RF       0025000040    25260049    + 03400                  YIYDU K1EAA PS
        SUSAP KGEGK1FR25-Z AHIPRR 010HIPRRK1EA0E      IF                                                  18000                A PS
        SUSAP KGEGK1FR25-Z AHIPRR 020ROPESK1EA0E  A 020TF                    25650121    + 07500                                A PS
        SUSAP KGEGK1FR25-Z AHIPRR 030HITVIK1EA0E  B 051TF                    29590064    + 05300                                A PS
        SUSAP KGEGK1FR25-Z AHIPRR 040KAXYUK1EA0E    031TF                    25270053    + 04000                                A PS
        SUSAP KGEGK1FR25-Z AHIPRR 050WARKIK1EA0EE   031TF                    25260027    + 03400                                A PS
        SUSAP KGEGK1FR25-Z AJOMRU 010JOMRUK1EA0E  A    IF                                                  18000                A PS
        SUSAP KGEGK1FR25-Z AJOMRU 020IQITOK1EA0E  B 010TF                    16780130    + 04000                                A PS
        SUSAP KGEGK1FR25-Z AJOMRU 030YOCUGK1EA0E    031TF                    16780050    + 03400          180                   A-PS
        SUSAP KGEGK1FR25-Z AJOMRU 040WARKIK1EA0EE  R031RF       0025001678    25260037    + 03400                  XOWIR K1EAA PS
        SUSAP KGEGK1FR25-Z AZOOMR 010ZOOMRK1EA0E  A    IF                                                  18000                A PS
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CITY AND STATE	ELEVATION: 2385 TDZE: 2373	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: SPOKANE INTL	RNAV	RNAV (RNP) Z RWY 25, ORIG 10 MAR 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.

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SUSAP KGEGK1FR25-Z AZOOMR 020WOSAXK1EA0E  B 010TF                    06150291    + 04200                          A PS
SUSAP KGEGK1FR25-Z AZOOMR 030INIXEK1EA0E    010TF                    06120071    + 04100          180             A-PS
SUSAP KGEGK1FR25-Z AZOOMR 040WEDUDK1EA0E   L031RF       0025000612   00400025    + 03700          180   YIYDU K1EAA-PS
SUSAP KGEGK1FR25-Z AZOOMR 050WARKIK1EA0EE  L031RF       0025000040   25260049    + 03400                YIYDU K1EAA PS
SUSAP KGEGK1FR25-Z R      020WARKIK1EA1E  F    IF                               + 03400     18000      RW25  K1PGA PS
SUSAP KGEGK1FR25-Z R      020WARKIK1EA2W                                            A031A112                     PS
SUSAP KGEGK1FR25-Z R      030RW25 K1PG0GY M 031TF                  25260031      02422             -300          A PS
SUSAP KGEGK1FR25-Z R      040TEFXYK1EA0E M  010TF                  25260074                                     A PS
SUSAP KGEGK1FR25-Z R      050GANGSK1EA0EY   010TF                  21580116    + 05000                          A PS
SUSAP KGEGK1FR25-Z R      060GANGSK1EA0EE  R020HM                  05250050    + 05000                          A PS

                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1GRW25    0081992525 N47370036W117311210+0100    +0704502372000050150R

                  1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGEGK1SRW25 K1PG              0   18018007125                                                              M
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CITY AND STATE	ELEVATION: **2385** TDZE: **2373**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
SPOKANE, WA	AIRPORT NAME: **SPOKANE INTL**	**RNAV**	**RNAV (RNP) Z RWY 25, ORIG**	AMDT: **NONE**
			10 MAR 2011	DATED:

[4910-13]

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 97

[Docket No. 30767 ; Amdt. No. 3412]

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 February 4, 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 10 MAR 2011

Little Rock, AR, Adams Field, RNAV (GPS) RWY 18, Amdt 1
Show Low, AZ, Show Low Rgnl, RNAV (GPS) RWY 24, Amdt 1
Titusville, FL, Arthur Dunn Air Park, Takeoff Minimums and Obstacle DP, Amdt 2
Atlanta, GA, Atlanta Rgnl Falcon Field, ILS OR LOC RWY 31, Amdt 1
Atlanta, GA, Atlanta Rgnl Falcon Field, NDB RWY 31, Amdt 2
Atlanta, GA, Atlanta Rgnl Falcon Field, RNAV (GPS) RWY 13, Amdt 1
Atlanta, GA, Atlanta Rgnl Falcon Field, RNAV (GPS) RWY 31, Amdt 1A
Atlanta, GA, Atlanta Rgnl Falcon Field, Takeoff Minimums and Obstacle DP, Amdt 2
Algona, IA, Algona Muni, Takeoff Minimums and Obstacle DP, Amdt 4
Ankeny, IA, Ankeny Rgnl, RNAV (GPS) RWY 18, Amdt 1
Davenport, IA, Davenport Muni, ILS OR LOC RWY 15, Amdt 1
Davenport, IA, Davenport Muni, RNAV (GPS) RWY 3, Amdt 1
Davenport, IA, Davenport Muni, RNAV (GPS) RWY 15, Amdt 2
Davenport, IA, Davenport Muni, RNAV (GPS) RWY 21 Amdt 1
Davenport, IA, Davenport Muni, RNAV (GPS) RWY 33, Amdt 1
Moline, IL, Quad City Intl., LOC RWY 10, Orig
Moline, IL, Quad City Intl., RNAV (GPS) RWY 28, Orig
Moline, IL, Quad City Intl, Takeoff Minimums and Obstacle DP, Orig
French Lick, IN, French Lick Muni, GPS RWY 26, Orig-A, CANCELLED
French Lick, IN, French Lick Muni, RNAV (GPS) RWY 8, Amdt 1
French Lick, IN, French Lick Muni, RNAV (GPS) RWY 26, Orig
Winchester, IN, Randolph County, GPS RWY 25, Orig-A, CANCELLED
Winchester, IN, Randolph County, RNAV (GPS) RWY 8, Orig
Winchester, IN, Randolph County, RNAV (GPS) RWY 26, Orig
Winchester, IN, Randolph County, VOR-A, Amdt 9
El Dorado, KS, Captain Jack Thomas/El Dorado, GPS RWY 4, Orig, CANCELLED
El Dorado, KS, Captain Jack Thomas/El Dorado, GPS RWY 15, Orig, CANCELLED
El Dorado, KS, Captain Jack Thomas/El Dorado, GPS RWY 22, Orig, CANCELLED
El Dorado, KS, Captain Jack Thomas/El Dorado, GPS RWY 33, Orig-B, CANCELLED
El Dorado, KS, Captain Jack Thomas/El Dorado, NDB RWY 4, Amdt 3, CANCELLED
El Dorado, KS, Captain Jack Thomas/El Dorado, RNAV (GPS) RWY 4, Orig
El Dorado, KS, Captain Jack Thomas/El Dorado, RNAV (GPS) RWY 15, Orig
El Dorado, KS, Captain Jack Thomas/El Dorado, RNAV (GPS) RWY 22, Orig
El Dorado, KS, Captain Jack Thomas/El Dorado, RNAV (GPS) RWY 33, Orig
Marysville, KS, Marysville Muni, NDB RWY 34, Amdt 5
Marysville, KS, Marysville Muni, RNAV (GPS) RWY 16, Orig
Marysville, KS, Marysville Muni, RNAV (GPS) RWY 34, Orig
Shreveport, LA, Shreveport Downtown, Takeoff Minimums and Obstacle DP, Amdt 3A
Ely, MN, Ely Muni, VOR-A, Orig, CANCELLED
Paynesville, MN, Paynesville Muni, RNAV (GPS) RWY 11, Orig
Paynesville, MN, Paynesville Muni, RNAV (GPS) RWY 29, Orig
Kansas City, MO, Kansas City Intl, ILS OR LOC RWY 1L, Amdt 14

Mountain View, MO, Mountain View, Takeoff Minimums and Obstacle DP, Amdt 4
Potosi, MO, Washington County, RNAV (GPS) RWY 2, Amdt 1
Potosi, MO, Washington County, RNAV (GPS) RWY 20, Amdt 1
Wilmington, NC, Wilmington Intl, ILS OR LOC RWY 35, Amdt 21
Bismarck, ND, Bismarck Muni, Takeoff Minimums and Obstacle DP, Amdt 8
Berlin, NH, Berlin Rgnl, VOR-B, Amdt 3
Columbus, OH, Ohio State University, ILS OR LOC RWY 9R, Amdt 5
Hamilton, OH, Butler Co Rgnl, Takeoff Minimums and Obstacle DP, Amdt 4
Tulsa, OK, Richard Lloyd Jones Jr., Takeoff Minimums and Obstacle DP, Amdt 7
John Day, OR, Grant Co Rgnl/Ogilvie Field, RNAV (GPS) Z RWY 9, Orig-A
Rapid City, SD, Rapid City Rgnl, Takeoff Minimums and Obstacle DP, Amdt 7
Anahuac, TX, Chambers County, Takeoff Minimums and Obstacle DP, Orig
Brownsville, TX, Brownsville/South Padre Island Intl, VOR/DME RNAV OR GPS RWY 17, Amdt 3A, CANCELLED
Coleman, TX, Coleman Muni, Takeoff Minimums and Obstacle DP, Orig
Dallas, TX, Dallas Love Field, RNAV (GPS) Z RWY 13L, Orig-B
Midlothian/Waxahachie, TX, Mid-Way Rgnl, RNAV (GPS) RWY 18, Orig
Midlothian/Waxahachie, TX, Mid-Way Rgnl, Takeoff Minimums and Obstacle DP, Amdt 1
Mineola, TX, Mineola Wisener Field, Takeoff Minimums and Obstacle DP, Orig
Wink, TX, Winkler County, Takeoff Minimums and Obstacle DP, Orig-A
Amery, WI, Amery Muni, NDB RWY 18, Amdt 6A**,** CANCELLED
Williamson, WV, Mingo County Rgnl, Takeoff Minimums and Obstacle DP, Orig, CANCELLED

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
LIT VORTAC	ALMOW (FO)	348.53 / 15.42	2700
BIBBS (IAF)	ALMOW (NOPT) (FB)	093.70 / 19.65	2700
DUMPI (IAF)	ALMOW (NOPT) (FB)	266.38 / 13.36	2700
ALMOW (IF/IAF)	VEXSI (FB)	179.51 / 6.50	1900
VEXSI *(FAF)*	ZEDEB/2.30 NM TO RW18 (FB)	179.51 / 2.70	
ZEDEB/2.30 NM TO RW18	RW18 (MAP) (FO)	179.51 / 2.30	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW18

CLIMB TO 4000 DIRECT FEHXE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 359.51 INBOUND.
CHART FAS OBST: 558 TOWER 344621N/0921445W
CHART R-2403A AND R-2403B.
749 AAO 344937N/0921527W
VEXSI TO RWY 18: 3.00/50
CHART: ASR

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ALMOW, RT, 179.51 INBOUND, 2700 FT. IN LIEU OF PT (IAF)
3. FAC: 179.51 FAF: VEXSI DIST FAF TO MAP: 5.00 THLD: 5.00
4. MIN. ALT: ALMOW 2700, VEXSI 1900, ZEDEB/2.30 NM TO RW18 1040
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: RW18 3300

MAG VAR: 2E 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
LNAV MDA	820	1	561	820	1	561	820	1 5/8	561	820	1 5/8	561			
CIRCLING	820	1	554	820	1	554	940	2	674	1180	3	914			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON LIT VORTAC AIRWAY RADIALS 273 CW 059.
CHART NOTE: PROCEDURE NOT AUTHORIZED WHEN RESTRICTED AREAS R-2403A/B IN EFFECT.
CHART NOTE: STRAIGHT-IN/CIRCLING RWY 18 PROCEDURE NA AT NIGHT.

@ CAT D 1000-3

CITY AND STATE	ELEVATION: 266 THRE: 259 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG DATED 12/27/2001

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
RW18 (MAP)	666 MSL	179.51	
666 MSL	FEHXE (FO)		4000

CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 12/27/2001

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        LIT   K4011390VTHW N34403962W092104990    N34403962W092104990E0050002402     NARLITTLE ROCK

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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       SUSAEAENRT   ALMOW K40    W     N34555389W092135505                    E0010     NAR           ALMOW
       SUSAEAENRT   BIBBS K40    C   L N34575351W092374185                    E0013     NAR           BIBBS
       SUSAEAENRT   DUMPI K40    C   L N34561771W091574086                    E0009     NAR           DUMPI
       SUSAEAENRT   FEHXE K40    W     N34292760W092144582                    E0011     NAR           FEHXE
       SUSAEAENRT   VEXSI K40    W     N34492339W092140755                    E0011     NAR           VEXSI
       SUSAEAENRT   ZEDEB K40    W     N34464142W092141273                    E0011     NAR           ZEDEB

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLITK4ALIT     0     082YHN34434600W092132920E002000266         1800018000C    MNAR    ADAMS FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
       SUSAP KLITK4FR18   ABIBBS 010BIBBSK4EA0E  A    IF                                          18000                B JS
       SUSAP KLITK4FR18   ABIBBS 020ALMOWK4EA0EE B 010TF                    09370197    + 02700                      B JS
       SUSAP KLITK4FR18   ADUMPI 010DUMPIK4EA0E  A    IF                                          18000                B JS
       SUSAP KLITK4FR18   ADUMPI 020ALMOWK4EA0EE B 010TF                    26640134    + 02700                      B JS
       SUSAP KLITK4FR18   ALIT   010LIT  K4D 0V       IF                                          18000                B JS
       SUSAP KLITK4FR18   ALIT   020ALMOWK4EA0EY   020TF                    34850154    + 02700                      B JS
       SUSAP KLITK4FR18   ALIT   030ALMOWK4EA0EE AR   HF                    17950040    + 02700                      B JS
       SUSAP KLITK4FR18   R      010ALMOWK4EA0E  I    IF                                + 02700     18000            B JS
       SUSAP KLITK4FR18   R      020VEXSIK4EA1E  F 051TF                    17950065    + 01900                RW18  K4PGB JS
       SUSAP KLITK4FR18   R      020VEXSIK4EA2WN          N          ALNAV                                             JS
       SUSAP KLITK4FR18   R      021ZEDEBK4EA0E S  031TF                    17950027    V 0104001041       -300          B JS
       SUSAP KLITK4FR18   R      030RW18 K4PG0GY M 031TF                    17950023      00309            -300          B JS
       SUSAP KLITK4FR18   R      040         0  M     CA                    1795        + 00666                      B JS
       SUSAP KLITK4FR18   R      050FEHXEK4EA0EY      DF                                + 04000                      B JS
       SUSAP KLITK4FR18   R      060FEHXEK4EA0EE  R   HM                    35950040    + 04000                      B JS
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QUALITY A Chart

CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED: 12/27/2001

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          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLITK4GRW18     0062241795 N34442324W092141714-0100     +0052300259000050150R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KLITK4SRW18 K4PG               0    18018003325                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 266 THRE: 259	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
LITTLE ROCK, AR	AIRPORT NAME: ADAMS FIELD	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 12/27/2001

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
DEHOG	JASUR (FO)	097.58 / 12.81	9700
CAMVI	JASUR (FO)	039.79 / 22.64	9900
SJN VORTAC (IAF)	JASUR (NOPT) (FB)	245.33 / 31.86	9700
JASUR (IF/IAF)	POBUE (FB)	243.12 / 3.88	8700
POBUE	CUBOL (FB)	243.07 / 2.20	8200
CUBOL (FAF)	HEVAM/2.70 NM TO RW24 (FB)	243.05 / 2.72	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 12000 DIRECT ZAXIN AND ON TRACK 185.59 TO CAMVI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 054.98 INBOUND.
CHART FAS OBST: 6589 POLE 341526N/1095853W
CHART FAS OBST: 6805 TREE 341515N/1095814W
6919 AAO 341630N/1095253W
DISTANCE TO THLD FROM 250 HAT: 0.65 NM.
CHART VDP AT 1.29 MILES TO RW24*
*LNAV ONLY.
WAAS CHANNEL # 72718
REFERENCE PATH ID: W24A
LTP HAE: 1926.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE JASUR, RT, 243.12 INBOUND, 9700 FT. IN LIEU OF PT (IAF)
3. FAC: 243.05 FAF: CUBOL DIST FAF TO MAP: 5.42 THLD: 5.42
4. MIN. ALT: JASUR 9700, POBUE 8700, CUBOL 8200, HEVAM/2.70 NM TO RW24 7300*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 8200 GS ALT AT: CUBOL 8200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 49.3 34:1 IS CLEAR
8. MSA FROM: RW24 12600

MAG VAR: 13E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	6655	3/4	250	6655	3/4	250	6655	3/4	250		NA				
LNAV/VNAV DA	7081	2 1/2	676	7081	2 1/2	676	7081	2 1/2	676		NA				
LNAV MDA	6860	1	455	6860	1	455	6860	1 1/4	455		NA				
CIRCLING	6960	1	545	6960	1	545	6960	1 1/2	545		NA				

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -27C (-16F) OR ABOVE 54C (130F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 6415 TDZE: 6405	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
SHOW LOW, AZ	AIRPORT NAME: SHOW LOW RGNL	RNAV	RNAV (GPS) RWY 24, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED 05/15/2003

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

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
HEVAM/2.70 NM TO RW24	RW24 (MAP) (FO)	243.02 / 2.70	
RW24 (MAP)	6655 MSL	243.02	
6655 MSL	ZAXIN (FB)		
ZAXIN	CAMVI (FO)	185.59 / 10.56	12000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ST JOHNS ALTIMETER SETTING AND INCREASE ALL DA 175 FEET AND ALL MDA 180 FEET, INCREASE LPV ALL CATS VISIBILITY 3/4 MILE AND LNAV/VNAV ALL CATS, LNAV CAT C, AND CIRCLING CAT C VISIBILITY 1/2 MILE.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SJN VORTAC ON V264 EASTBOUND.

CHART NOTE: BARO-VNAV AND VDP NA WITH ST JOHNS ALTIMETER SETTING.

CHART NOTE: CIRCLING NA SE OF RWYS 3 AND 24

QUALITY CHECKED

CITY AND STATE	ELEVATION: 6415 TDZE: 6405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SHOW LOW, AZ	AIRPORT NAME: SHOW LOW RGNL	RNAV	RNAV (GPS) RWY 24, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 05/15/2003

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KSOW
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	341606.8440N
LTP/FTP LONGITUDE	1095944.7080W
LTP/FTP ELLIPSOIDAL HEIGHT	+19269
FPAP LATITUDE	341545.2200N
FPAP LONGITUDE	1100129.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00049.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0560
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	61C656ED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K2
LTP ORTHOMETRIC HEIGHT	+19507
FPAP ORTHOMETRIC HEIGHT	+19507

QUALITY CHECKED

CITY AND STATE	ELEVATION: 6415 TDZE: 6405 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SHOW LOW, AZ	SHOW LOW RGNL	RNAV	RNAV (GPS) RWY 24, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 05/15/2003

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

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        SJN   K2011230VTH  N34252655W109083671    N34252655W109083671E0120068402     NARSAINT JOHNS

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   CAMVI K20    C   L N34051245W110080235                    E0105     NAR           CAMVI
       SUSAEAENRT   CUBOL K20    W     N34172549W109532414                    E0105     NAR           CUBOL
       SUSAEAENRT   DEHOG K20    C   L N34232494W110004514                    E0105     NAR           DEHOG
       SUSAEAENRT   HEVAM K20    W     N34164609W109563503                    E0105     NAR           HEVAM
       SUSAEAENRT   JASUR K20    W     N34185343W109461647                    E0104     NAR           JASUR
       SUSAEAENRT   POBUE K20    W     N34175739W109504926                    E0104     NAR           POBUE
       SUSAEAENRT   ZAXIN K20    W     N34151402W110035917                    E0105     NAR           ZAXIN

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KSOWK2ASOW     0     072YHN34155570W110002040E013006415        1800018000C    MNAR    SHOW LOW RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------
       SUSAP KSOWK2FR24   ACAMVI 010CAMVIK2EA0E       IF                                          18000                A JS
       SUSAP KSOWK2FR24   ACAMVI 020JASURK2EA0EY A 020TF                    03980226    + 09900                      A JS
       SUSAP KSOWK2FR24   ACAMVI 030JASURK2EA0EE AR   HF                    24310070    + 09700                      A JS
       SUSAP KSOWK2FR24   ADEHOG 010DEHOGK2EA0E       IF                                          18000                A JS
       SUSAP KSOWK2FR24   ADEHOG 020JASURK2EA0EY A 020TF                    09760128    + 09700                      A JS
       SUSAP KSOWK2FR24   ADEHOG 030JASURK2EA0EE AR   HF                    24310070    + 09700                      A JS
       SUSAP KSOWK2FR24   ASJN   010SJN  K2D 0V  A    IF                                          18000                A JS
       SUSAP KSOWK2FR24   ASJN   020JASURK2EA0EE B 010TF                    24530319    + 09700                      A JS
       SUSAP KSOWK2FR24   R      010JASURK2EA0E  I    IF                                 + 09700  18000                A JS
       SUSAP KSOWK2FR24   R      011POBUEK2EA0E S  051TF                    24310039    + 08700                      A JS
       SUSAP KSOWK2FR24   R      020CUBOLK2EA1E  F 051TF                    24310022    + 08200              RW24  K2PGA JS
       SUSAP KSOWK2FR24   R      020CUBOLK2EA2WALPV       ALNAV/VNAV ALNAV                                            JS
       SUSAP KSOWK2FR24   R      021HEVAMK2EA0E S  031TF                    24310027    V 0730007316       -300      A JS
       SUSAP KSOWK2FR24   R      030RW24 K2PG0GY M 031TF                    24300027      06449            -300      A JS
       SUSAP KSOWK2FR24   R      040         0  M  010CA                    2430        + 06655                      A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 6415 TDZE: 6405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SHOW LOW, AZ	AIRPORT NAME: SHOW LOW RGNL	RNAV	RNAV (GPS) RWY 24, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 05/15/2003

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

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSOWK2FR24   R      050ZAXINK2EA0E    010DF                                                                  A JS
        SUSAP KSOWK2FR24   R      060CAMVIK2EA0EY   010TF                    1856        + 12000                           A JS
        SUSAP KSOWK2FR24   R      070CAMVIK2EA0EE  R020HM                    05500070    + 12000                           A JS
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSOWK2GRW24    0072002430 N34160684W109594471+0000    +1926906400000049100R
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSOWK2PR24   RW24 001 0000W24A0N3416068440W10959447080+192690300N3415452200W110012901001067505600004 93F40050061C656ED
        SUSAP KSOWK2PR24   RW24 002E      +19507+19507LPV       72718
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSOWK2SRW24 K2PG                0   18018012625                                                                  M
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 6415 TDZE: 6405	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
SHOW LOW, AZ	AIRPORT NAME: SHOW LOW RGNL	RNAV	RNAV (GPS) RWY 24, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 05/15/2003

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
TITUSVILLE, FL	ARTHUR DUNN AIR PARK	10 MAR 2011	2

TAKEOFF MINIMUMS:

RWY 4, 22, NA – TURF.
RWY 33, STANDARD.
RWY 15, 400-2 ¼ OR STANDARD WITH MINIMUM CLIMB OF 350 FT PER NM TO 700.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 40 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 77 FT AGL/111 FT MSL. TOWERS BEGINNING 4975 FT FROM DER, 132 FT RIGHT OF CENTERLINE, UP TO 399 FT AGL/419 FT MSL. BUILDINGS AND POLES BEGINNING 170 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/71 FT MSL.
NOTE: RWY 33, SIGNS, POLES, AND ANTENNAS BEGINNING 7 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 56 FT AGL/85 FT MSL. TREES BEGINNING 128 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/89 FT MSL. VEHICLES BEGINNING 414 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/39 FT MSL.

CONTROLLING OBSTACLES:

RWY 15: 376 FT MSL TOWER 283547.19N/0804908.00W, 419 FT MSL TOWER 283536.00N/0804900.00W

QUALITY 3 CHECKED

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
ATL VORTAC	FFC NDB/INT/I-FFC 6.06 DME/RADAR	187.48 / 19.82	3000
HUSKY INT	FFC NDB	267.88 / 25.51	3000
TIROE INT	FFC NDB	093.10 / 19.09	3000

MISSED APPROACH

ILS: DA
LOC: 5.06 MILES AFTER FFC NDB/I-FFC 6.06 DME/RADAR OR AT I-FFC 1.00 DME FIX

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 275 AND LGC VORTAC R-047 TO TIROE INT/LGC 23.04 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2500 DIRECT DIRECT FFC NDB AND HOLD SE, LT, 310.18 INBOUND. (ADF REQUIRED).

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 046.93 INBOUND.
CHART FAS OBST: 911 TREE 332109N/0843342W
CHART: 1099 AAO 331827N/0842907W
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE FFC NDB, LT, 310.18 INBOUND.
CHART IN PLANVIEW (YECUY): AT 331418.01N/0842330.66W

1. PT R SIDE OF COURSE 130.15 OUTBOUND 2500 FT WITHIN 10 MILES OF FFC NDB (IAF)
2.
3. FAC: 310.15 FAF: FFC NDB/INT/I-FFC 6.06 DME/RADAR DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: FFC NDB 2500, AGEHO/2.50 DME 1240*
5. DIST TO THLD FROM OM: 5.06 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1012
6. MIN GS INCPT: 2500 GS ALT AT: - OM: 2481 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 38.0
8. MSA FROM: FFC NDB 3500

MAG VAR: 2W 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
S-ILS 31	1080	1	272	1080	1	272	1080	1	272	1080	1	272			
S-LOC 31	1240	1	432	1240	1	432	1240	1 1/4	432	1240	1 1/2	432			
CIRCLING	1320	1	512	1320	1	512	1320	1 1/2	512	1440	2	632			
AGEHO FIX MINIMUMS															
S-LOC 31	1180	1	372	1180	1	372	1180	1	372	1180	1 1/4	372			
CIRCLING	1320	1	512	1320	1	512	1320	1 1/2	512	1440	2	632			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
*LOC ONLY
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWNAN COWETA COUNTY ALTIMETER
(SEE FORM 8260-10)

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	ATLANTA RGNL FALCON FIELD	I-FFC	ILS OR LOC RWY 31, AMDT 1 10 MAR 2011	AMDT: ORIG DATED 03/12/2009

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.):
SETTING AND INCREASE DA TO 1127 AND ALL MDA 60 FEET; INCREASE S-ILS ALL CATS
VISIBILITY AND CIRCLING CAT D VISIBILITY 1/4 MILE: INCREASE AGEHO FIX MINIMUMS
S-LOC CATS C AND D AND CIRCLING CAT D 1/4 MILE.
CHART PROFILE NOTE: * 1300 WHEN USING NEWNAN COWETA COUNTY ALTIMETER SETTING.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME:	I-FFC	ILS OR LOC RWY 31, AMDT 1	AMDT: ORIG
	ATLANTA RGNL FALCON FIELD		10 MAR 2011	DATED: 03/12/2009

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.

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        ATL   K7011690VTH  N33374466W084260626    N33374268W084260626E0000010002     NARATLANTA
        SUSAD        LGC   K7011560VTH  N33025683W085122240    N33025683W085122240E0010007982     NARLAGRANGE
        SUSAD KFFCK7 IFFC  K7011195 IT                    IFFCN33214612W084345468     007970     NARATLANTA RGNL FALCON FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HUSKY K70    C   L N33194965W083584875                    W0048     NAR           HUSKY
        SUSAEAENRT   PECAT K70    R     N33180327W084291108                    W0044     NAR           PECAT NDB
        SUSAEAENRT   TIROE K70    C   L N33182323W084515771                    W0041     NAR           TIROE
        SUSAEAENRT   YECUY K70    W     N33141801W084233066                    W0045     NAR           YECUY

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7AFFC     0     052YHN33212610W084341860W002000808         1800018000C    MNAR    ATLANTA RGNL FALCON FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7FI31   AATL   010ATL  K7D 0V       IF                                          18000                  0 NS
        SUSAP KFFCK7FI31   AATL   020PECATK7EA0E       TF                                  + 03000                        0 NS
        SUSAP KFFCK7FI31   AATL   030PECATK7EA0EE AL    PI ATL K7      1875019817520100D    + 02500                        0 NS
        SUSAP KFFCK7FI31   AHUSKY 010HUSKYK7EA0E       IF                                          18000                  0 NS
        SUSAP KFFCK7FI31   AHUSKY 020PECATK7EA0E       TF                                  + 03000                        0 NS
        SUSAP KFFCK7FI31   AHUSKY 030PECATK7EA0EE AL    PI ATL K7      1875019817520100D    + 02500                        0 NS
        SUSAP KFFCK7FI31   ATIROE 010TIROEK7EA0E       IF                                          18000                  0 NS
        SUSAP KFFCK7FI31   ATIROE 020PECATK7EA0E       TF                                  + 03000                        0 NS
        SUSAP KFFCK7FI31   ATIROE 030PECATK7EA0EE AL    PI ATL K7      1875019817520100D    + 02500                        0 NS
        SUSAP KFFCK7FI31   I      010YECUYK7EA0E  I     IF IFFCK7      13010121         PI  J 025000250018000                0 NS
        SUSAP KFFCK7FI31   I      020PECATK7EA0E  F     CF IFFCK7      1301006131000061PI  H 0250002481         -300FFC   K7PN0 NS
        SUSAP KFFCK7FI31   I      030RW31 K7PGOGY M     CF IFFCK7      1301001031000051PI    00845              -300           0 NS
        SUSAP KFFCK7FI31   I      040          0  M     CA                    3102         + 01700                        0 NS
        SUSAP KFFCK7FI31   I      050          0        VI                    2750                                        0 NS
        SUSAP KFFCK7FI31   I      060TIROEK7EA0EY       CF LGC K7      0469023022690070D    + 04000                        0 NS
        SUSAP KFFCK7FI31   I      070TIROEK7EA0EE  R    HM                    0469T010     + 04000                        0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7GRW31     0052193102 N33211137W084335622-0200     +0216800807020038100I
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: **ATLANTA RGNL FALCON FIELD**	**I-FFC**	**ILS OR LOC RWY 31, AMDT 1** 10 MAR 2011	AMDT: **ORIG**
				DATED: **03/12/2009**

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7IIFFC1    011195RW31 N33214894W0843453243102N33211522W0843407791130 10120600300W00203800792

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7SFFC  K7PN              0   18018003525                                                                    M

                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKFFCK7 FFC   K7003160H  W N33180327W084291108                    W0020          NARPECAT
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	I-FFC	ILS OR LOC RWY 31, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 03/12/2009

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
ATL VORTAC	FFC NDB	187.48 / 19.82	3000
HUSKY INT	FFC NDB	267.88 / 25.51	3000
TIROE INT	FFC NDB	093.10 / 19.09	3000

MISSED APPROACH

MAP: 5.06 MILES AFTER FFC NDB

CLIMB TO 1700 THEN CLIMBING LEFT TURN TO 2500 DIRECT FFC NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 310.18 INBOUND.
CHART FAS OBST: 1019 TANK 331940N/0843235W
1099 AAO 331827N/0842907W
FFC NDB TO RW31: 3.07/45.

1. PT R SIDE OF COURSE 130.18 OUTBOUND 2500 FT WITHIN 10 MILES OF FFC NDB (IAF)
2.
3. FAC 310.18 FAF FFC NDB DIST FAF TO MAP 5.06 THLD 5.06
4. MIN. ALT FFC NDB 2500
8. MSA FROM: FFC NDB 3500

MAG VAR: 2W 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-31	1320	1	512	1320	1	512	1320	1 1/2	512	1320	1 3/4	512			
CIRCLING	1320	1	512	1320	1	512	1320	1 1/2	512	1440	2	632			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE NEWNAN COWETA COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 60, INCREASE S-31 AND CIRCLING CAT D VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	FFC	NDB RWY 31, AMDT 2 10 MAR 2011	AMDT 1B
				DATE 03/17/2005

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 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
HUSKY	OYOYA (FB)	291.77 / 37.96	3100
BOWLN	LEYSI (FB)	316.01 / 29.41	3100
TIROE	LEYSI (FB)	024.05 / 6.77	3100
OYOYA (IAF)	HEKAT (FB)	220.06 / 5.00	3100
LEYSI (IAF)	HEKAT (FB)	040.00 / 5.00	3100
HEKAT (IF)	CAVOV (FB)	130.03 / 6.05	2500
CAVOV (FAF)	RW13 (MAP) (FO)	130.08 / 5.15	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

CLIMB TO 3100 DIRECT FANBU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 310.19 INBOUND.
CHART FAS OBST: 984 TREE 332133N/0843526W
CHART FAS OBST: 1110 TOWER 332344N/0843600W
1179 AAO 332428N/0844003W
DISTANCE TO THLD FROM 200 HAT: 0.50 NM.
CHART VDP AT 1.67 MILES TO RW13*
*LNAV ONLY.
WAAS CHANNEL # 61006
REFERENCE PATH ID: W13A
LTP HAE: 213.8 M

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT HEKAT
3. FAC: 130.08 FAF: CAVOV DIST FAF TO MAP: 5.15 THLD: 5.15
4. MIN. ALT: HEKAT 3100, CAVOV 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: CAVOV 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW13 3500

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	997	3/4	200	997	3/4	200	997	3/4	200	997	3/4	200			
LNAV/VNAV DA	1254	1 3/4	457	1254	1 3/4	457	1254	1 3/4	457	1254	1 3/4	457			
LNAV MDA	1360	1	563	1360	1	563	1360	1 1/2	563	1360	1 3/4	563			
CIRCLING	1360	1	552	1360	1	552	1360	1 1/2	552	1440	2	632			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: BARO-VNAV, VDP, AND LNAV/VNAV DA NA WHEN USING NEWNAN COWETA COUNTY ALTIMETER SETTING.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 797 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 1 10 MAR 2011	AMDT: ORIG 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
RW13 (MAP)	997 MSL	130.08	
997 MSL	FANBU (FO)		3100

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE COWETA COUNTY ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET, INCREASE LNAV AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOWLN ON V97 SOUTHBOUND AND V154 SOUTHEAST BOUND, AND ARRIVALS AT TIROE ON V154 SOUTHBOUND.

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 797 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 1 10 MAR 2011	AMDT: ORIG 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	KFFC
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	332142.0350N
LTP/FTP LONGITUDE	0843442.7585W
LTP/FTP ELLIPSOIDAL HEIGHT	+02138
FPAP LATITUDE	332046.9100N
FPAP LONGITUDE	0843319.1000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1160
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	8731A705

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02428
FPAP ORTHOMETRIC HEIGHT	+02428

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 797	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 1 10 MAR 2011	AMDT: ORIG 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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BOWLN K70    R   L N33041487W084233936                    W0044    NAR          BOWLN
          SUSAEAENRT   CAVOV K70    W     N33245308W084393312                    W0043    NAR          CAVOV
          SUSAEAENRT   FANBU K70    W     N33180010W084290640                    W0044    NAR          FANBU
          SUSAEAENRT   HEKAT K70    W     N33283730W084451471                    W0042    NAR          HEKAT
          SUSAEAENRT   HUSKY K70    C   L N33194965W083584875                    W0048    NAR          HUSKY
          SUSAEAENRT   LEYSI K70    W     N33244059W084485542                    W0042    NAR          LEYSI
          SUSAEAENRT   OYOYA K70    W     N33323408W084413350                    W0043    NAR          OYOYA
          SUSAEAENRT   TIROE K70    C   L N33182323W084515771                    W0041    NAR          TIROE

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFCK7AFFC      0     052YHN33212610W084341860W002000808          1800018000C    MNAR    ATLANTA RGNL FALCON FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFFCK7FR13   ABOWLN 010BOWLNK7EA0E       IF                                          18000                A JS
          SUSAP KFFCK7FR13   ABOWLN 020LEYSIK7EA0E  A 020TF                    31600294    + 03100                       A JS
          SUSAP KFFCK7FR13   ABOWLN 030HEKATK7EA0EE B 010TF                    04000050    + 03100                       A JS
          SUSAP KFFCK7FR13   AHUSKY 010HUSKYK7EA0E       IF                                          18000                A JS
          SUSAP KFFCK7FR13   AHUSKY 020OYOYAK7EA0E  A 020TF                    29180380    + 03100                       A JS
          SUSAP KFFCK7FR13   AHUSKY 030HEKATK7EA0EE B 010TF                    22010050    + 03100                       A JS
          SUSAP KFFCK7FR13   ATIROE 010TIROEK7EA0E       IF                                          18000                A JS
          SUSAP KFFCK7FR13   ATIROE 020LEYSIK7EA0E  A 020TF                    02410068    + 03100                       A JS
          SUSAP KFFCK7FR13   ATIROE 030HEKATK7EA0EE B 010TF                    04000050    + 03100                       A JS
          SUSAP KFFCK7FR13   R       010HEKATK7EA0E  I    IF                              + 03100     18000            A JS
          SUSAP KFFCK7FR13   R       020CAVOVK7EA1E  F 051TF                    13000061    + 02500              RW13  K7PGA JS
          SUSAP KFFCK7FR13   R       020CAVOVK7EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KFFCK7FR13   R       030RW13 K7PG0GY M 031TF                    13010052      00837          -300       A JS
          SUSAP KFFCK7FR13   R       040         0  M  010CA                    1301        + 00997                  A JS
          SUSAP KFFCK7FR13   R       050FANBUK7EA0EY   010DF                              + 03100                  A JS
          SUSAP KFFCK7FR13   R       060FANBUK7EA0EE  R020HM                    31020040    + 03100                  A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 797	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 13, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 12/20/2007

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7GRW13    0052191301 N33214204W084344276+0200    +0213800797000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7PR13   RW13 001 0000W13A0N3321420350W08434427585+021380300N3320469100W084331910001067511600004O0F4003508731A705
        SUSAP KFFCK7PR13   RW13 002E      +02428+02428LPV       61006

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7SRW13 K7PG              0   18018003525                                                                  M
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 797	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: **ATLANTA RGNL FALCON FIELD**	**RNAV**	**RNAV (GPS) RWY 13, AMDT 1** 10 MAR 2011	AMDT: **ORIG**
				DATED: **12/20/2007**

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
TIROE	NOLVE (FB)	113.03 / 22.34	3000
HUSKY (IAF)	INOGE (FB)	257.02 / 21.38	3000
BOWLN (IAF)	INOGE (FB)	003.07 / 9.98	3000
NOLVE (IAF)	INOGE (FB)	040.21 / 5.00	3000
INOGE (IF)	BAGAY (FB)	310.24 / 6.10	2500
BAGAY (FAF)	RW31 (MAP) (FO)	310.19 / 5.10	
RW31 (MAP)	1129 MSL	310.19	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW31

CLIMB TO 4000 DIRECT DUTPE AND ON TRACK 251.41 TO TIROE AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 049.93 INBOUND.
CHART FAS OBST: 1020 TOWER 332137N/0843347W
CHART FAS OBST: 919 STACK 332114N/0843344W
DISTANCE TO THLD FROM 321 HAT: 0.87 NM.
WAAS CHANNEL # 72706
REFERENCE PATH ID: W31A
LTP HAE: 216.8 M

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT INOGE
3. FAC: 310.19 FAF: BAGAY DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: INOGE 3000, BAGAY 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2500 GS ALT AT: BAGAY 2500 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW31 3500

MAG VAR: 2W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1129	1 1/4	321	1129	1 1/4	321	1129	1 1/4	321	1129	1 1/4	321			
LNAV/VNAV DA	1181	1 1/4	373	1181	1 1/4	373	1181	1 1/4	373	1181	1 1/4	373			
LNAV MDA	1280	1	472	1280	1	472	1280	1 1/4	472	1280	1 1/2	472			
CIRCLING	1320	1	512	1320	1	512	1320	1 1/2	512	1440	2	632			

NOTES:
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY.
CHART NOTE: BARO-VNAV NA WHEN USING NEWNAN COWETA COUNTY ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD		RNAV (GPS) RWY 31, AMDT 1A 10 MAR 2011	AMDT: 1
				DATED 03/12/2009

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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
1129 MSL	DUTPE		
DUTPE	TIROE (FO)	251.41 / 13.47	4000

NOTES, (CONT.):
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOWLN ON V97 SOUTHBOUND.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE NEWNAN COWETA COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1176, LNAV/VNAV DA TO 1228 AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV CAT C AND D VISIBILITY 1/4 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 1A 10 MAR 2011	AMDT: 1
				DATED: 03/12/2009

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFFC
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	332111.3700N
LTP/FTP LONGITUDE	0843356.2200W
LTP/FTP ELLIPSOIDAL HEIGHT	+02168
FPAP LATITUDE	332142.8400N
FPAP LONGITUDE	0843443.9600W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	98.25
LENGTH OFFSET	0040
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D472F1B3

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02458
FPAP ORTHOMETRIC HEIGHT	+02458

QUALITY 4 CHECKED

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BAGAY K70    W     N33180174W084290888                    W0044     NAR          BAGAY
        SUSAEAENRT   BOWLN K70    R   L N33041487W084233936                    W0044     NAR          BOWLN
        SUSAEAENRT   DUTPE K70    W     N33230894W084365469                    W0043     NAR          DUTPE
        SUSAEAENRT   HUSKY K70    C   L N33194965W083584875                    W0048     NAR          HUSKY
        SUSAEAENRT   INOGE K70    W     N33141493W084232600                    W0045     NAR          INOGE
        SUSAEAENRT   NOLVE K70    W     N33101880W084270722                    W0044     NAR          NOLVE
        SUSAEAENRT   TIROE K70    C   L N33182323W084515771                    W0041     NAR          TIROE

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7AFFC     0     052YHN33212610W084341860W002000808         1800018000C    MNAR    ATLANTA RGNL FALCON FIELD

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7FR31   ABOWLN 010BOWLNK7EA0E  A    IF                                          18000                A JS
        SUSAP KFFCK7FR31   ABOWLN 020INOGEK7EA0EE B 010TF                    00310100    + 03000                      A JS
        SUSAP KFFCK7FR31   AHUSKY 010HUSKYK7EA0E  A    IF                                          18000                A JS
        SUSAP KFFCK7FR31   AHUSKY 020INOGEK7EA0EE B 010TF                    25700214    + 03000                      A JS
        SUSAP KFFCK7FR31   ATIROE 010TIROEK7EA0E       IF                                          18000                A JS
        SUSAP KFFCK7FR31   ATIROE 020NOLVEK7EA0E  A 020TF                    11300223    + 03000                      A JS
        SUSAP KFFCK7FR31   ATIROE 030INOGEK7EA0EE B 010TF                    04020050    + 03000                      A JS
        SUSAP KFFCK7FR31   R      010INOGEK7EA0E  I    IF                                + 03000     18000            A JS
        SUSAP KFFCK7FR31   R      020BAGAYK7EA1E  F 051TF                    31020061    + 02500                RW31  K7PGA JS
        SUSAP KFFCK7FR31   R      020BAGAYK7EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KFFCK7FR31   R      030RW31 K7PG0GY M 031TF                    31020051      00852          -300           A JS
        SUSAP KFFCK7FR31   R      040         0  M  010CA                    3102        + 01129                      A JS
        SUSAP KFFCK7FR31   R      050DUTPEK7EA0E    010DF                                                              A JS
        SUSAP KFFCK7FR31   R      060TIROEK7EA0EY   010TF                    2514        + 04000                      A JS
        SUSAP KFFCK7FR31   R      070TIROEK7EA0EE  R020HM                    04990040    + 04000                      A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7GRW31    0052193102 N33211137W084335622-0200    +0216800807020038100I
```

QUALITY 4 Quality

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 1A 10 MAR 2011	AMDT: 1
				DATED: 03/12/2009

```
            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7PR31    RW31 001 0000W31A0N3321113700W0843356220 0+021680300N3321428400W0843443960009825004000045 0F400500D472F1B3
        SUSAP KFFCK7PR31    RW31 002E       +02458+02458LPV        72706

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFFCK7SRW31 K7PG                0    18018003525                                                              M
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 808 TDZE: 808	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ATLANTA, GA	AIRPORT NAME: ATLANTA RGNL FALCON FIELD	RNAV	RNAV (GPS) RWY 31, AMDT 1A 10 MAR 2011	AMDT: 1
				DATED: 03/12/2009

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
ATLANTA, GEORGIA	ATLANTA RGNL FALCON FIELD	10 MAR 2011	2

TAKEOFF MINIMUMS:

RWY 13, STANDARD
RWY 31, 300 – 1

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TREES BEGINNING 960' FROM DER, 51' RIGHT OF CENTERLINE, UP TO 98' AGL/877' MSL. TREES BEGINNING 377' FROM DER, 465' LEFT OF CENTERLINE, UP TO 88' AGL/887' MSL.
NOTE: RWY 31, TREES BEGINNING 288' FROM DER, 538' RIGHT OF CENTERLINE, UP TO 100' AGL/999' MSL

CONTROLLING OBSTACLES:

RWY 31: 959 MSL TREE, 332200.94N-0843452.98W

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.
ALGONA, IA	ALGONA MUNI	10 MAR 2011	4

TAKEOFF MINIMUMS:

RWY 12, 30: STANDARD

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, TREES BEGINNING 16 FT FROM DER, 491 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1319 FT MSL.
NOTE: RWY 30, TREES BEGINNING 16 FT FROM DER, 290 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1329 FT MSL. VEHICLE 255 FT FROM DER, 449 FT RIGHT OF CENTERLINE, 15 FT AGL/1244 FT MSL. TREES BEGINNING 3652 FT FROM DER, 1352 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1329 FT MSL.

CONTROLLING OBSTACLES:

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
TNU VOR/DME	BALVE (FO)	290.00 / 22.22	4000
ZEMET	JOGPI (FB)	064.31 / 11.77	4000
JOGPI (IAF)	BALVE (NOPT) (FB)	131.74 / 6.98	4000
NEVAD (IAF)	BALVE (NOPT) (FB)	189.71 / 5.44	4000
BALVE (IF/IAF)	COSED (FB)	177.02 / 6.10	3400
COSED (FAF)	ZUKUK/2.50 NM TO RW18 (FB)	177.02 / 5.20	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 1580 THEN CLIMBING LEFT TURN TO 4000 DIRECT TNU VOR/DME AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N BALVE, RT, 177.02 INBOUND, 4000 FT. IN LIEU OF PT (IAF)
3. FAC: 177.02 FAF: COSED DIST FAF TO MAP: 7.70 THLD: 7.70
4. MIN. ALT: BALVE 4000, COSED 3400, ZUKUK/2.50 NM TO RW18 1720*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3400 GS ALT AT: COSED 3400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 45.0 34:1 IS NOT CLEAR
8. MSA FROM: RW18 4000

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 226.61 INBOUND.
CHART FAS OBST: 1059 TREE 414252N/0933311W
CHART FAS OBST: 1089 TREE 414348N/0933323W
CHART 2996 TOWER 414948N/0933327W
DISTANCE TO THLD FROM 269 HATH: 0.70 NM.
CHART VDP AT 1.28 MILES TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 82720
REFERENCE PATH ID: W18A
CHART ARRIVAL HOLDING AT TNU VOR/DME: HOLD NE, RT, 226.61 INBOUND, 4000.
LTP HAE: 244.1 M

MAG VAR: 3E 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	1172	7/8	269	1172	7/8	269	1172	7/8	269		NA				
LNAV/VNAV DA	1369	1 5/8	466	1369	1 5/8	466	1369	1 5/8	466		NA				
LNAV MDA	1340	1	437	1340	1	437	1340	1 1/4	437		NA				
CIRCLING	1560	1	650	1560	1	650	1560	1 3/4	650		NA				

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 910 THRE: 903 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ANKENY, IA	ANKENY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG-A 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 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
ZUKUK/2.50 NM TO RW18	RW18 (MAP) (FO)	177.02 / 2.50	
RW18 (MAP)	1580 MSL	177.02	1580
1580 MSL	TNU VOR/DME (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 22 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WITH DES MOINES INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DES MOINES INTL ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET; INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/8 MILE, AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NEVAD ON V13-161 NORTH BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZEMET ON V505 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: HOLDING AT TNU VOR/DME NOT REQUIRED ON V77 SOUTHWEST BOUND AND V172 WEST BOUND.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 910 THRE: 903	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANKENY, IA	AIRPORT NAME: ANKENY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				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 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	KIKV
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	414151.5455N
LTP/FTP LONGITUDE	0933356.9630W
LTP/FTP ELLIPSOIDAL HEIGHT	+02441
FPAP LATITUDE	414022.4100N
FPAP LONGITUDE	0933357.0000W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D8DB7740

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02754
FPAP ORTHOMETRIC HEIGHT	+02754

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 910 THRE: 903	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANKENY, IA	AIRPORT NAME: ANKENY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 05/07/2009

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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        TNU    K3011250VDL  N41470176W093063232    N41470176W093063232E0020009801     NARNEWTON

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   BALVE K30    W      N41553981W093335657                    E0014     NAR           BALVE
       SUSAEAENRT   COSED K30    W      N41493365W093335674                    E0014     NAR           COSED
       SUSAEAENRT   JOGPI K30    W      N42003484W093403495                    E0015     NAR           JOGPI
       SUSAEAENRT   NEVAD K30    C    L N42005812W093322044                    E0014     NAR           NEVAD
       SUSAEAENRT   ZEMET K30    R    L N41560323W093550887                    E0017     NAR           ZEMET
       SUSAEAENRT   ZUKUK K30    W      N41442162W093335689                    E0015     NAR           ZUKUK

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
       SUSAP KIKVK3AIKV     0      055YHN41412810W093335940E003000910          1800018000C     MNAR     ANKENY RGNL

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
-------------------------------------------------------------------------------------------------------------------------------
       SUSAP KIKVK3FR18   ANEVAD 010NEVADK3EA0E  A    IF                                                18000                A JS
       SUSAP KIKVK3FR18   ANEVAD 020BALVEK3EA0EE B 010TF                     18970054    + 04000                               A JS
       SUSAP KIKVK3FR18   ATNU   010TNU  K3D 0V  H    IF                                                18000                A JS
       SUSAP KIKVK3FR18   ATNU   020BALVEK3EA0EY   020TF                     29000222    + 04000                               A JS
       SUSAP KIKVK3FR18   ATNU   030BALVEK3EA0EE AR   HF                     17700040    + 04000                               A JS
       SUSAP KIKVK3FR18   AZEMET 010ZEMETK3EA0E       IF                                                18000                A JS
       SUSAP KIKVK3FR18   AZEMET 020JOGPIK3EA0E  A 020TF                     06430118    + 04000                               A JS
       SUSAP KIKVK3FR18   AZEMET 030BALVEK3EA0EE B 010TF                     13170070    + 04000                               A JS
       SUSAP KIKVK3FR18   R      010BALVEK3EA0E  I    IF                                 + 04000     18000                    A JS
       SUSAP KIKVK3FR18   R      020COSEDK3EA1E  F 051TF                     17700061    + 03400                 RW18  K3PGA JS
       SUSAP KIKVK3FR18   R      020COSEDK3EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
       SUSAP KIKVK3FR18   R      021ZUKUKK3EA0E S  031TF                     17700052    V 0172001745        -300              A JS
       SUSAP KIKVK3FR18   R      030RW18 K3PG0GY M 031TF                     17700025      00948             -300              A JS
       SUSAP KIKVK3FR18   R      040         0  M     CA                     1770        + 01580                               A JS
       SUSAP KIKVK3FR18   R      050TNU  K3D 0VY  L   DF                                 + 04000                               A JS
       SUSAP KIKVK3FR18   R      060TNU  K3D 0VE  R020HM                     22660040    + 04000                               A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 910 THRE: 903	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANKENY, IA	AIRPORT NAME: ANKENY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 05/07/2009

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```
            1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIKVK3GRW18     0055001770 N41415155W093335696-0300     +0244100903000045100R

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIKVK3PR18    RW18 001 0000W18A0N4141515455W09333569630+024410300N4140224100W0933357000010675107200045OF400500D8DB7740
        SUSAP KIKVK3PR18    RW18 002E       +02754+02754LPV        82720

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KIKVK3SRW18 K3PG                0   18018004025                                                                   M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 910 THRE: 903	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ANKENY, IA	AIRPORT NAME: ANKENY RGNL	RNAV	RNAV (GPS) RWY 18, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 05/07/2009

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
CVA VORTAC	OTALE INT/I-DVN 7.01 DME/RADAR	262.73 / 7.98	2700

MISSED APPROACH

ILS: DA
LOC: 5.94 MILES AFTER OTALE INT/DVN 7.01 DME/RADAR OR AT I -DVN 1.07 DME FIX

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 ON HEADING 320 AND ON MZV VORTAC R-352 TO OTALE INT/I-DVN 7.01 DME/RADAR AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 ON HEADING 320 AND ON DBQ VORTAC R-173 TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 148.55 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N OTALE INT/I-DVN 7.01 DME/RADAR, LT, 173.02 INBOUND.
CHART FAS OBST: 859 TREE 413812N/0903611W
CHART DV LOM IN HALF-TONE
CHART MZV R-352 RADIAL AT OTALE
CHART VDP AT 2.04 DME*;
DISTANCE VDP TO THLD 0.97 MILES.
CHART IN PLANVIEW (IXIWU) AT 414712.99N/0904341.76W

1. PT L SIDE OF COURSE 328.55 OUTBOUND 2700 FT WITHIN 10 MILES OF OTALE (IAF)
2.
3. FAC: 148.55 FAF: OTALE INT/I-DVN 7.01 DME/RADAR DIST FAF TO MAP: 5.94 THLD: 5.94
4. MIN. ALT: OTALE 2700, YIKUT INT/I-DVN 2.77 DME 1260*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1072
6. MIN GS INCPT: 2700 GS ALT AT: OTALE 2700 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 56.4
8. MSA FROM: CVA VORTAC 090-270 3100, 270-090 2300

MAG VAR: 1E EPOCH YEAR: 1985

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 15	951	1/2	200	951	1/2	200	951	1/2	200	951	1/2	200			
S-LOC 15	1260	1/2	509	1260	1/2	509	1260	1	509	1260	1	509			
CIRCLING	1260	1	509	1260	1	509	1260	1 1/2	509	1320	2	569			
YIKUT FIX MINIMUMS															
S-LOC 15	1100	1/2	349	1100	1/2	349	1100	5/8	349	1100	5/8	349			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	2	569			

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
CHART NOTE: VDP NA WITH QUAD CITY INTL ALTIMETER SETTING.
*1320 WHEN USING QUAD CITY INTL ALTIMETER SETTING.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 6

CITY AND STATE	ELEVATION: 751 THRE: 751 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	DAVENPORT MUNI	I-DVN	ILS OR LOC RWY 15, AMDT 1 10 MAR 2011	ILS RWY 15 AMDT: ORIG-A DATED 02/16/2006

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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MISSED APPROACH INSTRUCTIONS, (CONT.):
OTALE/DBQ 42.08 DME/RADAR AND HOLD. (DME OR RADAR REQUIRED).

NOTES, (CONT.):
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 3 AND RWY 21 NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USED QUAD CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET; INCREASE S-LOC 15 CAT C AND D VISIBILITY 1/4 MILE AND YIKUT FIX MINIMUMS S-LOC 15 CAT C AND D VISIBILITY 1/8 MILE.
CHART PROFILE NOTE: USE I-DVN DME WHEN ON THE LOC COURSE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 751	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP: ILS RWY 15
DAVENPORT, IA	AIRPORT NAME: **DAVENPORT MUNI**	**I-DVN**	**ILS OR LOC RWY 15, AMDT 1** 10 MAR 2011	AMDT: **ORIG-A**
				DATED: **02/16/2006**

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
JUVOD (IAF)	YODUP (NOPT) (FB)	098.37 / 8.60	3000
YODUP (IF/IAF)	HODRA (FB)	028.49 / 6.10	2400
HODRA (FAF)	LICBI/1.50 NM TO RW03 (FB)	028.53 / 3.56	
LICBI/1.50 NM TO RW03	RW03 (MAP) (FO)	028.56 / 1.50	
RW03 (MAP)	997 MSL	028.56	
997 MSL	ZATPA (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 3000 DIRECT ZATPA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 208.65 INBOUND.
CHART FAS OBST: 866 TOWER 413546N/0903641W
DISTANCE TO THLD FROM 250 HATH: 0.65 NM.
WAAS CHANNEL # 42620
REFERENCE PATH ID: W03A
LTP HAE: 194.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW YODUP, RT, 028.49 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 028.53 FAF: HODRA DIST FAF TO MAP: 5.06 THLD: 5.06
4. MIN. ALT: YODUP 3000, HODRA 2400, LICBI/1.50 NM TO RW03 1260*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: HODRA 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 42.7 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 1E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	997	1	250	997	1	250	997	1	250	997	1	250			
LNAV/VNAV DA	1168	1 3/8	421	1168	1 3/8	421	1168	1 3/8	421	1168	1 3/8	421			
LNAV MDA	1120	1	373	1120	1	373	1120	1	373	1120	1	373			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	2	569			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
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: 751 THRE: 747 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 1 10 MAR 2011	AMDT: ORIG DATED 02/16/2006

FAA FORM 8260 - 3 / 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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NOTES, (CONT.):
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE QUAD CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY AND LNAV CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT IN AND CIRCLING TO RWY 03 AND CIRCLING TO RWY 21 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	209/30 CW 298/30	YODUP (IAF) (FO)	3100
2.	298/30 CW 098/30 (NOPT)	298/6 CW 098/6	3100
3.	298/6 CW 098/6	YODUP (IF/IAF) (FB)	3000
4.	098/30 CW 209/30	JUVOD (IAF) (FB)	3300

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 747	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 02/16/2006

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	KDVN
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	413626.8420N
LTP/FTP LONGITUDE	0903531.1975W
LTP/FTP ELLIPSOIDAL HEIGHT	+01949
FPAP LATITUDE	413744.3700N
FPAP LONGITUDE	0903432.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00042.7
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	831AFE7F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02276
FPAP ORTHOMETRIC HEIGHT	+02276

QUALITY

CITY AND STATE	ELEVATION: 751 THRE: 747	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 1 10 MAR 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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   HODRA K30    W     N41320275W090385058                    W0009     NAR           HODRA
          SUSAEAENRT   JUVOD K30    W     N41280850W090540758                    W0007     NAR           JUVOD
          SUSAEAENRT   LICBI K30    W     N41350852W090363039                    W0009     NAR           LICBI
          SUSAEAENRT   YODUP K30    W     N41264393W090425059                    W0008     NAR           YODUP
          SUSAEAENRT   ZATPA K30    W     N41463642W090274901                    W0011     NAR           ZATPA

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDVNK3ADVN     0     055YHN41363700W090351810E001000751         1800018000C    MNAR    DAVENPORT MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDVNK3FR03   AJUVOD 010JUVODK3EA0E  A    IF                                          18000              A JS
          SUSAP KDVNK3FR03   AJUVOD 020YODUPK3EA0EE B 010TF                    09840086    + 03000                      A JS
          SUSAP KDVNK3FR03   AYODUP 010YODUPK3EA0EE AR   HF                   02850040    + 03000     18000            A JS
          SUSAP KDVNK3FR03   R      010YODUPK3EA0E  I    IF                               + 03000     18000            A JS
          SUSAP KDVNK3FR03   R      020HODRAK3EA1E  F 051TF                    02850061    + 02400                      A JS
          SUSAP KDVNK3FR03   R      020HODRAK3EA2WALPV       ALNAV/VNAV ALNAV                                         JS
          SUSAP KDVNK3FR03   R      021LICBIK3EA0E S  031TF                    02850036    V 0126001267       -300  A JS
          SUSAP KDVNK3FR03   R      030RW03 K3PG0GY M 031TF                    02860015      00790            -300  A JS
          SUSAP KDVNK3FR03   R      040         0  M  010CA                    0286        + 00997                  A JS
          SUSAP KDVNK3FR03   R      050ZATPAK3EA0EY   010DF                              + 03000                      A JS
          SUSAP KDVNK3FR03   R      060ZATPAK3EA0EE  R020HM                    20870040    + 03000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDVNK3GRW03    0040010286 N41362684W090353120+0000    +0194900747000043100R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDVNK3PR03   RW03 001 0000W03A0N4136268420W090353119 75+019490300N4137443700W090343257001067515280004 27F400500831AFE7F
          SUSAP KDVNK3PR03   RW03 002E      +02276+02276LPV       42620
```

4

CITY AND STATE	ELEVATION: 751 THRE: 747	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 02/16/2006

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 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
WIRON (IAF)	JOLAT (NOPT) (FB)	078.33 / 8.70	3000
ZOSAK (IAF)	JOLAT (NOPT) (FB)	218.54 / 8.70	3000
JOLAT (IF/IAF)	OTALE (FB)	148.46 / 6.06	2700
OTALE (FAF)	YIKUT/1.70 NM TO RW15 (FB)	148.51 / 4.24	
YIKUT/1.70 NM TO RW15	RW15 (MAP) (FO)	148.54 / 1.70	
RW15 (MAP)	951 MSL	148.54	
951 MSL	ZARET (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW15

CLIMB TO 3000 DIRECT ZARET AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 328.65 INBOUND.
CHART FAS OBST: 869 TREE 413805N/0903535W
DISTANCE TO THLD FROM 200 HATH: 0.45 NM.
CHART VDP AT 1.04 MILES TO RW15*
*LNAV ONLY.
WAAS CHANNEL # 81821
REFERENCE PATH ID: W15A
LTP HAE: 196 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW JOLAT, RT, 148.46 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 148.51 FAF: OTALE DIST FAF TO MAP: 5.94 THLD: 5.94
4. MIN. ALT: JOLAT 3000, OTALE 2700, YIKUT/1.70 NM TO RW15 1340*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: OTALE 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 56.4 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 1E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	951	1/2	200	951	1/2	200	951	1/2	200	951	1/2	200			
LNAV/VNAV DA	1171	7/8	420	1171	7/8	420	1171	7/8	420	1171	7/8	420			
LNAV MDA	1120	1/2	369	1120	1/2	369	1120	5/8	369	1120	5/8	369			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	2	569			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VDP NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE QUAD CITY INTL ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 751 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 2 10 MAR 2011	AMDT: 1 DATED 11/23/2006

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.):
INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE AND LNAV CAT C AND D VISIBILITY 1/8 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C AND D VISIBILITY 3/8 MILE.
CHART NOTE: WHEN USING QUAD CITY INTL ALTIMETER SETTING: FOR INOPERATIVE MALSR, INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY 03 AND RWY 21 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	078/30 CW 219/30 (NOPT)	078/6 CW 219/6	3300
	078/6 CW 219/6	JOLAT (IF/IAF) (FB)	3000
2.	219/30 CW 328/30	ZOSAK (IAF) (FB)	3100
3.	328/30 CW 078/30	WIRON (IAF) (FB)	3300

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 751	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 2 10 MAR 2011	AMDT: 1
				DATED: 11/23/2006

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	KDVN
RUNWAY	RW15
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W15A
LTP/FTP LATITUDE	413655.3880N
LTP/FTP LONGITUDE	0903536.4300W
LTP/FTP ELLIPSOIDAL HEIGHT	+01960
FPAP LATITUDE	413538.5400N
FPAP LONGITUDE	0903436.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00056.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	104.00
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E02B517B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02288
FPAP ORTHOMETRIC HEIGHT	+02288

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 751	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 15, AMDT 2 10 MAR 2011	AMDT: 1 DATED: 11/23/2006

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

ARINC PACKET - 424-18 - RNAV (GPS)

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                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JOLAT K30    W     N41471609W090434420                      W0009     NAR           JOLAT
        SUSAEAENRT   OTALE K30    C     N41420293W090393772                      W0009     NAR           OTALE
        SUSAEAENRT   WIRON K30    W     N41453999W090550994                      W0007     NAR           WIRON
        SUSAEAENRT   YIKUT K30    C     N41382336W090364537                      W0009     NAR           YIKUT
        SUSAEAENRT   ZARET K50    W     N41254710W090265473                      W0010     NAR           ZARET
        SUSAEAENRT   ZOSAK K30    W     N41535908W090361995                      W0010     NAR           ZOSAK

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3ADVN     0     055YHN41363700W090351810E001000751         1800018000C    MNAR    DAVENPORT MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3FR15   AJOLAT 010JOLATK3EA0EE AR   HF                    14850040    + 03000     18000                A JS
        SUSAP KDVNK3FR15   AWIRON 010WIRONK3EA0E  A    IF                                        18000                A JS
        SUSAP KDVNK3FR15   AWIRON 020JOLATK3EA0EE B 010TF                     07830087    + 03000                          A JS
        SUSAP KDVNK3FR15   AZOSAK 010ZOSAKK3EA0E  A    IF                                        18000                A JS
        SUSAP KDVNK3FR15   AZOSAK 020JOLATK3EA0EE B 010TF                     21850087    + 03000                          A JS
        SUSAP KDVNK3FR15   R      010JOLATK3EA0E  I    IF                               + 03000     18000                A JS
        SUSAP KDVNK3FR15   R      020OTALEK3EA1E  F 051TF                     14850061    + 02700                          A JS
        SUSAP KDVNK3FR15   R      020OTALEK3EA2WALPV       ALNAV/VNAV ALNAV                                               JS
        SUSAP KDVNK3FR15   R      021YIKUTK3EA0E S  031TF                     14850042    V 0134001348        -300         A JS
        SUSAP KDVNK3FR15   R      030RW15 K3PG0GY M 031TF                     14850017      00807             -300         A JS
        SUSAP KDVNK3FR15   R      040         0  M  010CA                     1485        + 00951                          A JS
        SUSAP KDVNK3FR15   R      050ZARETK5EA0EY   010DF                               + 03000                          A JS
        SUSAP KDVNK3FR15   R      060ZARETK5EA0EE  R020HM                     32870040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3GRW15    0055111486 N41365539W090353643-0100    +0196000751000056100I
```

CITY AND STATE	ELEVATION: 751 THRE: 751	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: **DAVENPORT MUNI**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 2** 10 MAR 2011	AMDT: **1**
				DATED: **11/23/2006**

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
   ------------------------------------------------------------------------------------------------------------------------------
   SUSAP KDVNK3PR15    RW15 001 0000W15A0N4136553880W09035364300+019600300N4135385400W090343625001040010720005 64F400350E02B517B
   SUSAP KDVNK3PR15    RW15 002E       +02288+02288LPV        81821
```

CITY AND STATE	ELEVATION: 751 THRE: 751	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: **DAVENPORT MUNI**	**RNAV**	**RNAV (GPS) RWY 15, AMDT 2** 10 MAR 2011	AMDT: **1**
				DATED: **11/23/2006**

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 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
CITEB (IAF)	ZATPA (NOPT) (FB)	278.78 / 8.60	3000
RICOT (IAF)	ZATPA (NOPT) (FB)	138.57 / 8.60	3000
ZATPA (IF/IAF)	NUTGE (FB)	208.65 / 6.00	2400
NUTGE (FAF)	JUNRI/1.70 NM TO RW21 (FB)	208.60 / 3.32	
JUNRI/1.70 NM TO RW21	RW21 (MAP) (FO)	208.58 / 1.70	
RW21 (MAP)	999 MSL	208.58	
999 MSL	YODUP (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW21

CLIMB TO 3000 DIRECT YODUP AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 028.49 INBOUND.
CHART FAS OBST: 879 TREE 413810N/0903507W
CHART FAS OBST: 905 OL ON TANK 413700N/0903425W
DISTANCE TO THLD FROM 250 HATH: 0.62 NM.
WAAS CHANNEL # 50320
REFERENCE PATH ID: W21A
LTP HAE: 195.5 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE ZATPA, RT, 208.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 208.61 FAF: NUTGE DIST FAF TO MAP: 5.02 THLD: 5.02
4. MIN. ALT: ZATPA 3000, NUTGE 2400, JUNRI/1.70 NM TO RW21 1340*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: NUTGE 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 52.0 34:1 IS NOT CLEAR
8. MSA FROM:

MAG VAR: 1E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	999	1	250	999	1	250	999	1	250	999	1	250			
LNAV/VNAV DA	1183	1 1/2	434	1183	1 1/2	434	1183	1 1/2	434	1183	1 1/2	434			
LNAV MDA	1180	1	431	1180	1	431	1180	1 1/4	431	1180	1 1/4	431			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	2	569			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
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: 751 THRE: 749 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1 10 MAR 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 QUAD CITY INTL ALTIMETER SETTING AND INCREASE ALL DA 47 FEET AND ALL MDA 60 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CAT C AND D VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, STRAIGHT IN AND CIRCLING TO RWY21 AND CIRCLING TO RWY03 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	139/30 CW 279/30 (NOPT)	ZATPA (IF/IAF) (FB)	3000
2.	279/30 CW 029/30	CITEB (IAF) (FB)	3100
3.	029/30 CW 139/30	RICOT (IAF) (FB)	3000

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1 10 MAR 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	KDVN
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	413701.2205N
LTP/FTP LONGITUDE	0903505.2130W
LTP/FTP ELLIPSOIDAL HEIGHT	+01955
FPAP LATITUDE	413543.6800N
FPAP LONGITUDE	0903603.8100W
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	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	83F436D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02282
FPAP ORTHOMETRIC HEIGHT	+02282

QUALITY CHECKED

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CITEB K30    W     N41450933W090162937                      W0012     NAR           CITEB
        SUSAEAENRT   JUNRI K30    W     N41382997W090335807                      W0010     NAR           JUNRI
        SUSAEAENRT   NUTGE K30    W     N41412336W090314675                      W0010     NAR           NUTGE
        SUSAEAENRT   RICOT K30    W     N41530960W090351629                      W0010     NAR           RICOT
        SUSAEAENRT   YODUP K30    W     N41264393W090425059                      W0008     NAR           YODUP
        SUSAEAENRT   ZATPA K30    W     N41463642W090274901                      W0011     NAR           ZATPA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3ADVN     0     055YHN41363700W090351810E001000751        1800018000C    MNAR     DAVENPORT MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3FR21   ACITEB 010CITEBK3EA0E  A    IF                                                18000                A JS
        SUSAP KDVNK3FR21   ACITEB 020ZATPAK3EA0EE B 010TF                    27880086    + 03000                                A JS
        SUSAP KDVNK3FR21   ARICOT 010RICOTK3EA0E  A    IF                                                18000                A JS
        SUSAP KDVNK3FR21   ARICOT 020ZATPAK3EA0EE B 010TF                    13860086    + 03000                                A JS
        SUSAP KDVNK3FR21   AZATPA 010ZATPAK3EA0EE AR   HF                    20870040    + 03000     18000                      A JS
        SUSAP KDVNK3FR21   R       010ZATPAK3EA0E  I    IF                               + 03000     18000                      A JS
        SUSAP KDVNK3FR21   R       020NUTGEK3EA1E  F 051TF                    20870060    + 02400                                A JS
        SUSAP KDVNK3FR21   R       020NUTGEK3EA2WALPV       ALNAV/VNAV ALNAV                                                    JS
        SUSAP KDVNK3FR21   R       021JUNRIK3EA0E S  031TF                    20860033    V 0134001343        -300           A JS
        SUSAP KDVNK3FR21   R       030RW21 K3PG0GY M 031TF                    20860017      00801             -300           A JS
        SUSAP KDVNK3FR21   R       040          0  M  010CA                   2086        + 00999                          A JS
        SUSAP KDVNK3FR21   R       050YODUPK3EA0EY   010DF                              + 03000                          A JS
        SUSAP KDVNK3FR21   R       060YODUPK3EA0EE  R020HM                    02850040    + 03000                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3GRW21    0040012086 N41370122W090350521+0000    +0195500749000052100R
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QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1	AMDT: ORIG
			10 MAR 2011	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.

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3PR21    RW21 001 0000W21A0N4137012205W09035052130+019550300N4135436800W0903603810010675152800052OF40050083F436D0
        SUSAP KDVNK3PR21    RW21 002E      +02282+02282LPV       50320
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 749	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 21, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 02/16/2006

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 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
WILOK (IAF)	ZARET (NOPT) (FB)	038.47 / 8.70	3000
URORE (IAF)	ZARET (NOPT) (FB)	258.68 / 8.70	3000
ZARET (IF/IAF)	HIBEG (FB)	328.65 / 6.01	2700
HIBEG (FAF)	RW33 (MAP) (FO)	328.60 / 5.99	
RW33 (MAP)	1151 MSL	326.60	
1151 MSL	JOLAT (FO)		3000

MISSED APPROACH

LNAV: RW33

CLIMB TO 3000 DIRECT JOLAT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 148.46 INBOUND.
FAS OBST: 909 AAO 413229N/0903219W
CHART VDP AT 1.16 MILES TO RW33.
HIBEG TO RW33: 3.00/48

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE ZARET, RT, 328.65 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 328.60 FAF: HIBEG DIST FAF TO MAP: 5.99 THLD: 5.99
4. MIN. ALT: ZARET 3000, HIBEG 2700
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: 1E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1160	1	417	1160	1	417	1160	1 1/8	417	1160	1 1/8	417			
CIRCLING	1220	1	469	1220	1	469	1220	1 1/2	469	1320	2	569			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP NA WHEN USING QUAD CITY INTL ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE QUAD CITY INTL ALTIMETER SETTING AND (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 751 THRE: 743 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 10 MAR 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.):
INCREASE ALL MDA 60 FEET AND INCREASE LNAV CAT C AND D VISIBILITY 1/4 MILE.
CHART NOTE: WHEN VGSI INOP, CIRCLING TO RWY3 AND RWY21 NA AT NIGHT.

TAA

	FROM	TO	ALT
1.	259/30 CW 038/30 (NOPT)	259/6 CW 038/6	3100
2.	259/6 CW 038/6	ZARET (IF/IAF) (FB)	3000
3.	038/30 CW 149/30	WILOK (IAF) (FB)	3100
4.	149/30 CW 259/30	URORE (IAF) (FB)	3100

QUALITY CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 02/16/2006

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
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HIBEG K50    W     N41305815W090305712                      W0010     NAR           HIBEG
        SUSAEAENRT   JOLAT K30    W     N41471609W090434420                      W0009     NAR           JOLAT
        SUSAEAENRT   URORE K50    W     N41272127W090153202                      W0012     NAR           URORE
        SUSAEAENRT   WILOK K50    W     N41190415W090341585                      W0009     NAR           WILOK
        SUSAEAENRT   ZARET K50    W     N41254710W090265473                      W0010     NAR           ZARET
------------------------------------------------------------------------------------------------------------------------------------------
                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3ADVN     0     055YHN41363700W090351810E001000751         1800018000C    MNAR    DAVENPORT MUNI
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3FR33   AURORE 010UROREK5EA0E  A    IF                                                18000                B JS
        SUSAP KDVNK3FR33   AURORE 020ZARETK5EA0EE B 010TF                      25870087    + 03000                            B JS
        SUSAP KDVNK3FR33   AWILOK 010WILOKK5EA0E  A    IF                                                18000                B JS
        SUSAP KDVNK3FR33   AWILOK 020ZARETK5EA0EE B 010TF                      03850087    + 03000                            B JS
        SUSAP KDVNK3FR33   AZARET 010ZARETK5EA0EE AR   HF                      32870040    + 03000     18000                B JS
        SUSAP KDVNK3FR33   R      010ZARETK5EA0E  I    IF                                  + 03000     18000                B JS
        SUSAP KDVNK3FR33   R      020HIBEGK5EA1E  F 051TF                      32870060    + 02700                            B JS
        SUSAP KDVNK3FR33   R      020HIBEGK5EA2WN          N          ALNAV                                                    JS
        SUSAP KDVNK3FR33   R      030RW33 K3PG0GY M 031TF                      32860060      00791             -300           B JS
        SUSAP KDVNK3FR33   R      040         0  M  010CA                      3286        + 01151                            B JS
        SUSAP KDVNK3FR33   R      050JOLATK3EA0EY   010DF                                  + 03000                            B JS
        SUSAP KDVNK3FR33   R      060JOLATK3EA0EE  R020HM                      14850040    + 03000                            B JS
------------------------------------------------------------------------------------------------------------------------------------------
                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KDVNK3GRW33    0055113286 N41360845W090345967+0100    +0193700743000048100R
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QUALITY A CHECKED

CITY AND STATE	ELEVATION: 751 THRE: 743	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DAVENPORT, IA	AIRPORT NAME: DAVENPORT MUNI	RNAV	RNAV (GPS) RWY 33, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED: 02/16/2006

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
CVA VORTAC	JUGUL INT	197.69 / 16.78	3100
MZV VORTAC	JUGUL INT	000.89 / 7.69	2400
IOW VORTAC (IAF)	ZUGIB INT (NOPT)	090.78 / 38.97	2300
ZUGIB INT (IF)	JUGUL INT	090.18 / 6.01 (I-XQL)	2000

MISSED APPROACH

MAP: 4.23 MILES AFTER JUGUL INT

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2300 DIRECT MZV VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 072.66 INBOUND.
FAS OBST: 789 AAO 412627N/0903706W
JUGUL TO RW10: 3.06/50.

1. PT L SIDE OF COURSE 270.18 OUTBOUND 2400 FT WITHIN 10 MILES OF JUGUL INT (IAF)
2.
3. FAC 090.18 FAF JUGUL INT DIST FAF TO MAP 4.23 THLD 4.23
4. MIN. ALT JUGUL INT 2000
8. MSA FROM: MZV VORTAC 360-270 3100, 270-360 2700

MAG VAR: 1E EPOCH YEAR:1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-10	1040	1	462	1040	1	462	1040	1 3/8	462	1040	1 3/8	462			
CIRCLING	1140	1	550	1160	1	570	1160	1 1/2	570	1260	2	670			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON IOW VORTAC AIRWAY RADIALS 057 CW 142.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVENPORT ALTIMETER SETTING: INCREASE ALL MDA 60 FT; INCREASE S-10 VISIBILITY CATS C AND D 1/8 MILE, INCREASE CIRCLING VISIBILITY CATS C AND D 1/4 MILE.

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

CITY AND STATE	ELEVATION: 590 THRE: 578	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
MOLINE, IL	AIRPORT NAME: QUAD CITY INTL	I-XQL	LOC RWY 10, ORIG 10 MAR 2011	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
YODUT (IF/IAF)	CUXUL (FB)	270.37 / 7.00	2300
CUXUL (FAF)	ZUBRO/2.30 NM TO RW28 (FB)	270.27 / 2.95	
ZUBRO/2.30 NM TO RW28	RW28 (MAP) (FO)	270.22 / 2.30	
RW28 (MAP)	990 MSL	270.22	
990 MSL	UCERU (FO)		2600

MISSED APPROACH

LP: RW28
LNAV: RW28

CLIMB TO 2600 DIRECT UCERU AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E YODUT, RT, 270.37 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 270.27 FAF: CUXUL DIST FAF TO MAP: 5.25 THLD: 5.25
4. MIN. ALT: YODUT 2500, CUXUL 2300, ZUBRO/2.30 NM TO RW28 1360
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:

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 089.93 INBOUND.
CHART FAS OBST: 809 TREE 412617N/0902717W
CHART FAS OBST: 757 TREE 412635N/0902803W
CHART: 780 TREE 412630N/0902728W.
CHART: 819 TREE 412611N/0902701W.
WAAS CHANNEL # 87020
REFERENCE PATH ID: W28A
CUXEL TO RW28: 3.00/50.
CHART VDP AT 1.23 MILES TO RW28
LTP HAE: 143.9 M

MAG VAR: 1E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LP MDA	1020	1	440	1020	1	440	1020	1 1/4	440	1020	1 1/4	440			
LNAV MDA	1060	1	480	1060	1	480	1060	1 3/8	480	1060	1 3/8	480			
CIRCLING	1140	1	550	1160	1	570	1160	1 1/2	570	1260	2	670			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: VDP NA WITH DAVENPORT ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DAVENPORT ALTIMETER SETTING: INCREASE (SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 590 THRE: 580	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MOLINE, IL	AIRPORT NAME: QUAD CITY INTL	RNAV	RNAV (GPS) RWY 28, ORIG 10 MAR 2011	AMDT: NONE
				DATED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

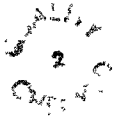
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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.):
ALL MDA 60 FT AND INCREASE LP AND LNAV CATS C AND D VISIBILITIES 1/8 MILE, INCREASE CIRCLING VISIBILTY CAT C AND D 1/4 MILE.

TAA

	FROM	TO	ALT
1.	180/30 CW 360/30 (NOPT)	YODUT (IF/IAF) (FB)	2500
2.	360/30 CW 180/30	360/7 CW 180/7	3100
3.	360/7 CW 180/7	YODUT (IF/IAF) (FO)	2500



CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
MOLINE, IL	**ELEVATION: 590** **THRE: 580** AIRPORT NAME: **QUAD CITY INTL**	**RNAV**	**RNAV (GPS) RWY 28, ORIG** 10 MAR 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	KMLI
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	412648 1340N
LTP/FTP LONGITUDE	0903012 1230W
LTP/FTP ELLIPSOIDAL HEIGHT	+01439
FPAP LATITUDE	412649 9600N
FPAP LONGITUDE	0903210 5800W
THRESHOLD CROSSING HEIGHT (TCH)	00049 8
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)	0 0
CRC REMAINDER	952D33FF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01766
FPAP ORTHOMETRIC HEIGHT	+01766

CITY AND STATE	ELEVATION 590 THRE 580	FACILITY IDENTIFIER	PROCEDURE NO / AMDT NO /EFFECTIVE DATE	SUP
MOLINE, IL	AIRPORT NAME	RNAV	RNAV (GPS) RWY 28, ORIG	AMDT NONE
	QUAD CITY INTL		10 MAR 2011	DATED

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUXUL K50    W     N41264138W090231365                    W0011     NAR           CUXUL
        SUSAEAENRT   UCERU K30    W     N41270808W090540120                    W0007     NAR           UCERU
        SUSAEAENRT   YODUT K50    W     N41263171W090135503                    W0012     NAR           YODUT
        SUSAEAENRT   ZUBRO K50    W     N41264522W090270866                    W0010     NAR           ZUBRO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLIK5AMLI     0     100YHN41265383W090302707E001000590         1800018000C    MNAR    QUAD CITY INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLIK5FR28   AYODUT 010YODUTK5EA0EE AR   HF                    27040040    + 02500     18000                A JS
        SUSAP KMLIK5FR28   R       010YODUTK5EA0E  I    1F                                + 02500     18000                A JS
        SUSAP KMLIK5FR28   R       020CUXULK5EA1E  F 051TF                    27040070    + 02300                          A JS
        SUSAP KMLIK5FR28   R       020CUXULK5EA2WALP        N          ALNAV                                                JS
        SUSAP KMLIK5FR28   R       021ZUBROK5EA0E S  031TF                    27030030    V 0136001361        -300         A JS
        SUSAP KMLIK5FR28   R       030RW28 K5PG0GY M 031TF                    27020023      00629             -300         A JS
        SUSAP KMLIK5FR28   R       040         0  M     CA                    2702        + 00990                          A JS
        SUSAP KMLIK5FR28   R       050UCERUK3EA0EY       DF                              + 02600                          A JS
        SUSAP KMLIK5FR28   R       060UCERUK3EA0EE  R    HM                    08990040    + 02600                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLIK5GRW28    0065022702 N41264813W090301212+0000    +0143900580000050100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMLIK5PR28   RW28 001 0000W28A0N4126481340W09030121230+014390300N4126499600W0903210580010675000000498F400000952D33FF
        SUSAP KMLIK5PR28   RW28 002E      +01766+01766LP        87020
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CITY AND STATE	ELEVATION: 590 THRE: 580	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MOLINE, IL	AIRPORT NAME: QUAD CITY INTL	RNAV	RNAV (GPS) RWY 28, ORIG 10 MAR 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.
MOLINE, IL	QUAD CITY INTL	10 MAR 2011	ORIG

TAKEOFF MINIMUMS:

RWY 28, STANDARD
RWY 10, 300-1 ¼ OR STANDARD WITH A MINIMUM CLIMB GRADIENT OF 218 FT PER NM TO 900, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1500 FT PRIOR TO DER.

TEXTUAL DEPARTURE PROCEDURES:

RWY 10, CLIMB HEADING 090.18 TO 1500 BEFORE TURNING LEFT.
RWY 28, CLIMB HEADING 270.19 TO 1200 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

RWY 10, AIRCRAFT TAXI OPERATIONS 159 FT FROM DER, 353 FT LEFT OF CENTERLINE, UP TO 45 FT AGL/624 FT MSL. TOWER 4605 FT FROM DER, 899 FT LEFT OF CENTERLINE, 120 FT AGL/712 FT MSL. TREES BEGINNING 6035 FT FROM DER, 1243 FT RIGHT OF CENTERLINE, UP TO 99 FT AGL/ 745 FT MSL.
RWY 28, VEHICLES ON ROADWAY BEGINNING 255 FT FROM DER, 559 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/594 FT MSL. TREES BEGINNING 1553 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/622 FT MSL.

CONTROLLING OBSTACLES:

RWY 10. 749 FT MSL TREE 412633.33N/0902847.33W
RWT 10: 746 FT MSL TREE 412633.15N/0902846.53W
RWY 10: 745 FT MSL TREE 412634.61N/0902853.22W
RWY 10: 2049 FT MSL TOWER 413248.70N/0902837.70W
RWY28· 2049 FT MSL TOWER 413248.70N/0902837.70W

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 10 MAR 2011

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 792 TDZE: 792	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	GPS	GPS RWY 26, ORIG-A, 10/04/2000	AMDT ORIG
				DATE 11/04/1999

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
PXV VORTAC (IAF)	JIKPI (NOPT) (FB)	052.75 / 45.49	3000
CLOWN (IAF)	JIKPI (NOPT) (FB)	116.41 / 15.05	3000
JIKPI (IF/IAF)	FORBS (FB)	079.66 / 14.06	2400
FORBS *(FAF)*	RW08 (MAP) (FO)	079.84 / 4.94	
RW08 (MAP)	1055 MSL	*079.84*	
1055 MSL	WITAM (FO)		*2600*

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

CLIMB TO 2600 DIRECT WITAM AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 260.15 INBOUND.
CHART FAS OBST: 979 TREE 383029N/0863844W
DISTANCE TO THLD FROM 265 HATH: 0.72 NM.
CHART VDP AT 1.30 MILES TO RW08*
*LNAV ONLY.
WAAS CHANNEL # 61320
REFERENCE PATH ID: W08A
CHART JPG A MOA.
LTP HAE: 207.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W JIKPI, RT, 079.66 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 079.84 FAF: FORBS DIST FAF TO MAP: 4.94 THLD: 4.94
4. MIN. ALT: JIKPI 3000, FORBS 2400
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2400 GS ALT AT: FORBS 2400 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 36.0 34:1 IS NOT CLEAR
8. MSA FROM: RW08 2300

MAG VAR: 4W 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	1055	7/8	265	1055	7/8	265	1055	7/8	265	1055	7/8	265			
LNAV/VNAV DA	1160	1 1/4	370	1160	1 1/4	370	1160	1 1/4	370	1160	1 1/4	370			
LNAV MDA	1240	1	450	1240	1	450	1240	1 3/8	450	1240	1 3/8	450			
CIRCLING	1280	1	488	1280	1	488	1280	1 1/2	488	1480	2 1/4	688			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CLOWN ON V11 SOUTHWEST BOUND AND V44 WESTBOUND.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 790 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1	AMDT: ORIG
			10 MAR 2011	DATED 04/10/2008

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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

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

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON PXV VORTAC AIRWAY RADIALS 013 CW 081.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 160 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 5/8 MILE, LNAV CATS C/D VISIBILITY 3/8 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE AND CAT D VISIBILITY 1/2 MILE.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 26 NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED: 04/10/2008

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

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFRH
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	383015.7650N
LTP/FTP LONGITUDE	0863846.5565W
LTP/FTP ELLIPSOIDAL HEIGHT	+02079
FPAP LATITUDE	383037.4800N
FPAP LONGITUDE	0863656.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00036.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	69BD7307

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02409
FPAP ORTHOMETRIC HEIGHT	+02409

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED: 04/10/2008

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        PXV   K5011330VTHA N37554195W087454456    N37554195W087454456E0030003842     NARPOCKET CITY

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CLOWN K50    C   L N38312142W087195591                        W0031     NAR          CLOWN
        SUSAEAENRT   FORBS K50    W     N38290331W086445279                        W0035     NAR          FORBS
        SUSAEAENRT   JIKPI K50    W     N38253541W087021356                        W0033     NAR          JIKPI
        SUSAEAENRT   WITAM K50    W     N38350488W086140815                        W0040     NAR          WITAM

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5AFRH     0     055YHN38302240W086381300W004000792        18000018000C    MNAR    FRENCH LICK MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5FR08   ACLOWN 010CLOWNK5EA0E  A    IF                                          18000                A JS
        SUSAP KFRHK5FR08   ACLOWN 020JIKPIK5EA0EE B 010TF                    11640151    + 03000                      A JS
        SUSAP KFRHK5FR08   AJIKPI 010JIKPIK5EA0EE AR   HF                    07970040    + 03000     18000            A JS
        SUSAP KFRHK5FR08   APXV   010PXV  K5D 0V  A    IF                                          18000            A JS
        SUSAP KFRHK5FR08   APXV   020JIKPIK5EA0EE B 010TF                    05280455    + 03000                      A JS
        SUSAP KFRHK5FR08   R      010JIKPIK5EA0E  I    IF                                 + 03000     18000            A JS
        SUSAP KFRHK5FR08   R      020FORBSK5EA1E  F 051TF                    07970141    + 02400                RW08  K5PGA JS
        SUSAP KFRHK5FR08   R      020FORBSK5EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KFRHK5FR08   R      030RW08 K5PG0GY M 031TF                    07980049      00826          -300        A JS
        SUSAP KFRHK5FR08   R      040          0  M  010CA                   0798        + 01055                    A JS
        SUSAP KFRHK5FR08   R      050WITAMK5EA0EY   010DF                                 + 02600                    A JS
        SUSAP KFRHK5FR08   R      060WITAMK5EA0EE  R020HM                    26020040    + 02600                    A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5GRW08     0055000799 N38301577W086384656-0100     +02079007900000361O0R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1 10 MAR 2011	AMDT: ORIG
				DATED: 04/10/2008

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5PR08   RW08 001 0000W08A0N3830157650W08638465565+020790300N3830374800W08636564700106751072000360F40050069BD7307
        SUSAP KFRHK5PR08   RW08 002E      +02409+02409LPV       61320

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5SRW08 K5PG                0   18018002325                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 790	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 8, AMDT 1 10 MAR 2011	AMDT: ORIG DATED: 04/10/2008

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above 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
STREP (IAF)	WITAM (NOPT) (FB)	226.80 / 15.37	2600
MAIZE (IAF)	WITAM (NOPT) (FB)	306.63 / 12.27	2600
WITAM (IF/IAF)	AVBAY (FB)	260.15 / 7.06	2500
AVBAY	LYREE (FB)	260.05 / 7.00	2400
LYREE *(FAF)*	ZEGOR/2.10 NM TO RW26 (FB)	259.97 / 2.86	
ZEGOR/2.10 NM TO RW26	RW26 (MAP) (FO)	259.94 / 2.10	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

CLIMB TO 3000 DIRECT JIKPI AND HOLD.

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E WITAM, RT, 260.15 INBOUND, 2600 FT. IN LIEU OF PT (IAF)
3. FAC: 259.97 FAF: LYREE DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: WITAM 2600, AVBAY 2500, LYREE 2400, ZEGOR/2.10 NM TO RW26 1480*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2400 GS ALT AT: LYREE 2400 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 38.0 34:1 IS NOT CLEAR
8. MSA FROM: RW26 2300

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 079.66 INBOUND.
CHART FAS OBST: 888 TREE 383041N/0863751W
1069 AAO 383135N/0863206W.
DISTANCE TO THLD FROM 250 HATH: 0.67 NM.
WAAS CHANNEL # 78420
REFERENCE PATH ID: W26A
CHART JPG A MOA.
LTP HAE: 205.9 M

MAG VAR: 4W 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	1034	1	250	1034	1	250	1034	1	250	1034	1	250			
LNAV/VNAV DA	1069	1	285	1069	1	285	1069	1	285	1069	1	285			
LNAV MDA	1140	1	356	1140	1	356	1140	1	356	1140	1	356			
CIRCLING	1280	1	488	1280	1	488	1280	1 1/2	488	1480	2 1/4	688			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 784 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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
RW26 (MAP)	1034 MSL	259.94	
1034 MSL	JIKPI (FO)		3000

NOTES, (CONT.):

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STREP ON V53 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MAIZE ON V171 SOUTHEAST BOUND AND V47 NORTHEAST BOUND.

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOUISVILLE INTL-STANDIFORD FIELD ALTIMETER SETTING AND INCREASE ALL DA/MDA 160 FEET, INCREASE LPV VISIBILITY ALL CATS 3/8 MILE, LNAV/VNAV VISIBILITY ALL CATS 1/2 MILE, LNAV CATS C/D VISIBILITY 3/8 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE, CAT D VISIBILITY 1/2 MILE.

CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 26 PROCEDURE NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 784	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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	KFRH
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	383029.0115N
LTP/FTP LONGITUDE	0863739.4515W
LTP/FTP ELLIPSOIDAL HEIGHT	+02059
FPAP LATITUDE	383007.2800N
FPAP LONGITUDE	0863929.5400W
THRESHOLD CROSSING HEIGHT (TCH)	00038.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	11CD8111

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02388
FPAP ORTHOMETRIC HEIGHT	+02388

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
FRENCH LICK, IN	ELEVATION: 792 THRE: 784 AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   AVBAY K50    W     N38332307W086225219                    W0038     NAR           AVBAY
          SUSAEAENRT   JIKPI K50    W     N38253541W087021356                    W0033     NAR           JIKPI
          SUSAEAENRT   LYREE K50    W     N38314132W086313189                    W0037     NAR           LYREE
          SUSAEAENRT   MAIZE K50    C   L N38282822W086005736                    W0041     NAR           MAIZE
          SUSAEAENRT   STREP K50    C   L N38462280W086004931                    W0042     NAR           STREP
          SUSAEAENRT   WITAM K50    W     N38350488W086140815                    W0040     NAR           WITAM
          SUSAEAENRT   ZEGOR K50    W     N38305969W086350374                    W0037     NAR           ZEGOR

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFRHK5AFRH     0     055YHN38302240W086381300W004000792         1800018000C    MNAR    FRENCH LICK MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFRHK5FR26   AMAIZE 010MAIZEK5EA0E  A    IF                                          18000                A JS
          SUSAP KFRHK5FR26   AMAIZE 020WITAMK5EA0EE B 010TF                    30660123    + 02600                      A JS
          SUSAP KFRHK5FR26   ASTREP 010STREPK5EA0E  A    IF                                          18000                A JS
          SUSAP KFRHK5FR26   ASTREP 020WITAMK5EA0EE B 010TF                    22680154    + 02600                      A JS
          SUSAP KFRHK5FR26   AWITAM 010WITAMK5EA0EE AR   HF                    26020040    + 02600     18000            A JS
          SUSAP KFRHK5FR26   R       010WITAMK5EA0E  I    IF                               + 02600     18000            A JS
          SUSAP KFRHK5FR26   R       011AVBAYK5EA0E S  051TF                    26020071    + 02500                      A JS
          SUSAP KFRHK5FR26   R       020LYREEK5EA1E  F 051TF                    26010070    + 02400             RW26  K5PGA JS
          SUSAP KFRHK5FR26   R       020LYREEK5EA2WALPV       ALNAV/VNAV ALNAV                                          JS
          SUSAP KFRHK5FR26   R       021ZEGORK5EA0E S  031TF                    26000029    V 0148001490       -300      A JS
          SUSAP KFRHK5FR26   R       030RW26 K5PG0GY M 031TF                    25990021      00822            -300      A JS
          SUSAP KFRHK5FR26   R       040         0  M  010CA                    2599        + 01034                      A JS
          SUSAP KFRHK5FR26   R       050JIKPIK5EA0EY   010DF                               + 03000                      A JS
          SUSAP KFRHK5FR26   R       060JIKPIK5EA0EE  R020HM                    07970040    + 03000                      A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KFRHK5GRW26    0055002599 N38302901W086373945+0100    +020590078400003810OR
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 784	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: **FRENCH LICK MUNI**	**RNAV**	**RNAV (GPS) RWY 26, ORIG** 10 MAR 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 KFRHK5PR26   RW26 001 0000W26A0N3830290115W08637394515+020590300N3830072800W0863929540010675107200038 0F40050011CD8111
        SUSAP KFRHK5PR26   RW26 002E      +02388+02388LPV       78420
```

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFRHK5SRW26 K5PG                0   18018002325                                                                    M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 792 THRE: 784	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FRENCH LICK, IN	AIRPORT NAME: FRENCH LICK MUNI	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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 10 MAR 2011

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 1119 TDZE: 1117	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	GPS	GPS RWY 25, ORIG-A, 03/24/2010	AMDT ORIG
				DATE 01/01/1998

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
RID VORTAC	UTEYU (FB)	312.29 / 18.36	3000
SHB VORTAC (IAF)	OYCEG (NOPT) (FB)	049.09 / 40.74	3000
MIE VOR/DME (IAF)	OYCEG (NOPT) (FB)	134.70 / 11.10	3000
UTEYU (IAF)	OYCEG (NOPT) (FB)	352.13 / 11.00	3000
OYCEG (IF/IAF)	WUBEK (FB)	082.10 / 7.66	2800
WUBEK *(FAF)*	HURIB/2.10 NM TO RW08 (FB)	082.20 / 3.06	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW08

CLIMB TO 3000 DIRECT MOSEW AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 262.45 INBOUND.
CHART FAS OBST: 1239 TREE 400917N/0845720W
DISTANCE TO THLD FROM 309 HATH: 0.84 NM.
WAAS CHANNEL # 90420
REFERENCE PATH ID: W08A
CHART VERSAILLES AWOS-3
LTP HAE: 306.7 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W OYCEG, RT, 082.10 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 082.20 FAF: WUBEK DIST FAF TO MAP: 5.16 THLD: 5.16
4. MIN. ALT: OYCEG 3000, WUBEK 2800, HURIB/2.10 NM TO RW08 1820*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2800 GS ALT AT: WUBEK 2800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW08 2900

MAG VAR: 5W 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	1425	1	309	1425	1	309	1425	1	309		NA				
LNAV/VNAV DA	1448	1 1/8	332	1448	1 1/8	332	1448	1 1/8	332		NA				
LNAV MDA	1560	1	444	1560	1	444	1560	1 3/8	444		NA				
CIRCLING	1620	1	497	1620	1	497	1620	1 1/2	497		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THR: 1116 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 8, ORIG 10 MAR 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
HURIB/2.10 NM TO RW08	RW08 (MAP) (FO)	082.24 / 2.10	
RW08 (MAP)	1425 MSL	082.24	
1425 MSL	MOSEW (FO)		3000

NOTES, (CONT.):
*LNAV ONLY
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON RID VORTAC AIRWAY RADIALS 228 CW 031.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VORDME AIRWAY RADIALS 063 CW 212.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SHB VORTAC AIRWAY RADIALS 028 CW 124.
CHART NOTE: USE VERSAILLES ALTIMETER SETTING, WHEN NOT RECEIVED, USE MUNCIE ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FT AND INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 MILE.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1116	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 8, ORIG 10 MAR 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	I22
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	400958.9700N
LTP/FTP LONGITUDE	0845612.7800W
LTP/FTP ELLIPSOIDAL HEIGHT	+03067
FPAP LATITUDE	401018.6000N
FPAP LONGITUDE	0845419.4000W
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	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	816AC245

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03402
FPAP ORTHOMETRIC HEIGHT	+03402

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1116	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 8, ORIG 10 MAR 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  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        MIE   K5011440VDLA N40141425W085233853    N40141425W085233853W0030009351     NARMUNCIE
        SUSAD        RID   K5011060VTL  N39451808W084501985    N39451808W084501985W0030011351     NARRICHMOND
        SUSAD        SHB   K5011200VTLA N39375715W085492754    N39375715W085492754E0010008051     NARSHELBYVILLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   HURIB K50    W     N40093115W084585308                      W0053     NAR           HURIB
        SUSAEAENRT   MOSEW K50    W     N40125632W084390134                      W0055     NAR           MOSEW
        SUSAEAENRT   OYCEG K50    W     N40070820W085123081                      W0051     NAR           OYCEG
        SUSAEAENRT   UTEYU K50    W     N39562433W085091924                      W0051     NAR           UTEYU
        SUSAEAENRT   WUBEK K50    W     N40085048W085024677                      W0052     NAR           WUBEK

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5AI22     0     043YHN40100820W084553250W005001123         1800018000C    MNAR    RANDOLPH COUNTY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5FR08   AMIE   010MIE  K5D 0V  A    IF                                                18000                A JS
        SUSAP I22 K5FR08   AMIE   020OYCEGK5EA0EE B 010TF                     13470111    + 03000                            A JS
        SUSAP I22 K5FR08   AOYCEG 010OYCEGK5EA0EE AR   HF                     08210040    + 03000     18000                  A JS
        SUSAP I22 K5FR08   ARID   010RID  K5D 0V       IF                                                18000                A JS
        SUSAP I22 K5FR08   ARID   020UTEYUK5EA0E  A 020TF                     31230184    + 03000                            A JS
        SUSAP I22 K5FR08   ARID   030OYCEGK5EA0EE B 010TF                     35210110    + 03000                            A JS
        SUSAP I22 K5FR08   ASHB   010SHB  K5D 0V  A    IF                                                18000                A JS
        SUSAP I22 K5FR08   ASHB   020OYCEGK5EA0EE B 010TF                     04910407    + 03000                            A JS
        SUSAP I22 K5FR08   R      010OYCEGK5EA0E  I    IF                                  + 03000     18000                  A JS
        SUSAP I22 K5FR08   R      020WUBEKK5EA1E  F 051TF                     08210077    + 02800                  RW08  K5PGA JS
        SUSAP I22 K5FR08   R      020WUBEKK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP I22 K5FR08   R      021HURIBK5EA0E S  031TF                     08220031    V 0182001824        -300          A JS
        SUSAP I22 K5FR08   R      030RW08 K5PG0GY M 031TF                     08220021      01156             -300          A JS
        SUSAP I22 K5FR08   R      040         0  M  010CA                     0822        + 01425                            A JS
        SUSAP I22 K5FR08   R      050MOSEWK5EA0EY   010DF                                 + 03000                            A JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1116	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 8, ORIG 10 MAR 2011	AMDT: NONE
				DATED:

```
        SUSAP I22 K5FR08   R      060MOSEWK5EA0EE  R020HM                    26250040    + 03000                          A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------

        SUSAP I22 K5GRW08    0043000823 N40095897W084561278+0200    +0306701116000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------

        SUSAP I22 K5PR08   RW08 001 0000W08A0N4009589700W08456127800+030670300N401018600OW0845419400010675144000040OF400500816AC245
        SUSAP I22 K5PR08   RW08 002E      +03402+03402LPV       90420

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------

        SUSAP I22 K5SRW08 K5PG              0   18018002925                                                                  M
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CITY AND STATE	ELEVATION: 1123 THRE: 1116	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: **RANDOLPH COUNTY**	**RNAV**	**RNAV (GPS) RWY 8, ORIG** 10 MAR 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
DQN VOR/DME	SOWDO (FB)	295.00 / 10.44	3000
BOOKS	NOPCU (FB)	158.21 / 10.98	3000
MIE VOR/DME	MOSEW (FO)	096.93 / 34.20	3000
NOPCU (IAF)	MOSEW (NOPT) (FB)	172.44 / 7.70	3000
SOWDO (IAF)	MOSEW (NOPT) (FB)	352.48 / 8.59	3000
MOSEW (IF/IAF)	AGUBE (FB)	262.45 / 7.65	2800
AGUBE *(FAF)*	ZOKUV/2.10 NM TO RW26 (FB)	262.35 / 3.04	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW26

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 3000 DIRECT MOSEW AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 1249 TREE 400940N/0845506W
CHART VERSAILLES AWOS-3
DISTANCE TO THLD FROM 328 HATH: 0.90 NM.
WAAS CHANNEL # 78120
REFERENCE PATH ID: W26A
LTP HAE: 308.8 M

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD E MOSEW, RT, 262.45 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 262.35 FAF: AGUBE DIST FAF TO MAP: 5.14 THLD: 5.14
4. MIN. ALT: MOSEW 3000, AGUBE 2800, ZOKUV/2.10 NM TO RW26 1820*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
6. MIN GS INCPT: 2800 GS ALT AT: AGUBE 2800 OM: MM: IM:
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW26 2900

MAG VAR: 5W 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	1451	1 1/8	328	1451	1 1/8	328	1451	1 1/8	328		NA				
LNAV/VNAV DA	1478	1 1/4	355	1478	1 1/4	355	1478	1 1/4	355		NA				
LNAV MDA	1560	1	437	1560	1	437	1560	1 1/4	437		NA				
CIRCLING	1620	1	497	1620	1	497	1620	1 1/2	497		NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
(SEE FORM 8260-10)

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZOKUV/2.10 NM TO RW26	RW26 (MAP) (FO)	262.31 / 2.10	
RW26 (MAP)	2500 MSL	262.31	2500
2500 MSL	MOSEW (FO)		3000

NOTES, (CONT.):
*LNAV ONLY
CHART NOTE: USE VERSAILLES ALTIMETER SETTING; WHEN NOT RECEIVED, USE MUNCIE ALTIMETER SETTING AND INCREASE ALL DA/MDA 20 FT AND LNAV CAT C VISIBILITY 1/8 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON DQN VOR/DME AIRWAY RADIALS 208 CW 008.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MIE VOR/DME RADIALS 015 CW 141.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BOOKS ON V55 NORTHWEST BOUND AND V14 NORTHEAST BOUND.
CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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	I22
RUNWAY	RW26
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W26A
LTP/FTP LATITUDE	401008.3300N
LTP/FTP LONGITUDE	0845518.7500W
LTP/FTP ELLIPSOIDAL HEIGHT	+03088
FPAP LATITUDE	400948.6800N
FPAP LONGITUDE	0845712.1200W
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	1440
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	58D324DF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03423
FPAP ORTHOMETRIC HEIGHT	+03423

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 THRE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: RANDOLPH COUNTY	RNAV	RNAV (GPS) RWY 26, ORIG 10 MAR 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        DQN   K5011450VDLA N40005919W084234883    N40005919W084234883W0010009901     NARDAYTON
       SUSAD        MIE   K5011440VDLA N40141425W085233853    N40141425W085233853W0030009351     NARMUNCIE

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAEAENRT   AGUBE K50    W     N40111610W084484619                    W0054    NAR          AGUBE
       SUSAEAENRT   BOOKS K50    R   L N40301627W084474077                    W0055    NAR          BOOKS
       SUSAEAENRT   MOSEW K50    W     N40125632W084390134                    W0055    NAR          MOSEW
       SUSAEAENRT   NOPCU K50    W     N40202760W084411252                    W0055    NAR          NOPCU
       SUSAEAENRT   SOWDO K50    W     N40043283W084363545                    W0055    NAR          SOWDO
       SUSAEAENRT   ZOKUV K50    W     N40103606W084523840                    W0053    NAR          ZOKUV

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAP I22 K5AI22     0     043YHN40100820W084553250W005001123        1800018000C    MNAR    RANDOLPH COUNTY

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
       ----------------------------------------------------------------------------------------------------------------------------------
       SUSAP I22 K5FR26   ABOOKS 010BOOKSK5EA0E       IF                                          18000              A JS
       SUSAP I22 K5FR26   ABOOKS 020NOPCUK5EA0E  A 020TF                  15820110    + 03000                       A JS
       SUSAP I22 K5FR26   ABOOKS 030MOSEWK5EA0EE B 010TF                  17240077    + 03000                       A JS
       SUSAP I22 K5FR26   ADQN   010DQN  K5D 0V       IF                                          18000              A JS
       SUSAP I22 K5FR26   ADQN   020SOWDOK5EA0E  A 020TF                  29500104    + 03000                       A JS
       SUSAP I22 K5FR26   ADQN   030MOSEWK5EA0EE B 010TF                  35250086    + 03000                       A JS
       SUSAP I22 K5FR26   AMIE   010MIE  K5D 0V       IF                                          18000              A JS
       SUSAP I22 K5FR26   AMIE   020MOSEWK5EA0EY   020TF                 09690342    + 03000                       A JS
       SUSAP I22 K5FR26   AMIE   030MOSEWK5EA0EE AR   HF                 26250040    + 03000                       A JS
       SUSAP I22 K5FR26   R      010MOSEWK5EA0E  I    IF                                 + 03000    18000              A JS
       SUSAP I22 K5FR26   R      020AGUBEK5EA1E  F 051TF                  26250077    + 02800                RW26  K5PGA JS
       SUSAP I22 K5FR26   R      020AGUBEK5EA2WALPV       ALNAV/VNAV ALNAV                                            JS
       SUSAP I22 K5FR26   R      021ZOKUVK5EA0E S  031TF                  26240030    V 0182001831       -300         A JS
       SUSAP I22 K5FR26   R      030RW26 K5PG0GY M 031TF                  26230021      01163            -300         A JS
       SUSAP I22 K5FR26   R      040         0  M  010CA                  2623        + 02500                       A JS
```

CITY AND STATE	ELEVATION: 1123 THRE: 1123	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WINCHESTER, IN	AIRPORT NAME: **RANDOLPH COUNTY**	**RNAV**	**RNAV (GPS) RWY 26, ORIG** 10 MAR 2011	AMDT: **NONE**
				DATED:

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          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5FR26   R      050MOSEWK5EA0EY  L010DF                              + 03000                          A JS
        SUSAP I22 K5FR26   R      060MOSEWK5EA0EE  R020HM                    26250040  + 03000                          A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5GRW26    0043002623 N40100833W084551875-0200    +03088011230000400 75R

          1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5PR26   RW26 001 0000W26A0N4010083300W08455187500+030880300N4009486800W0845712120010675144000040 0F40050058D324DF
        SUSAP I22 K5PR26   RW26 002E      +03423+03423LPV       78120

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP I22 K5SRW26 K5PG              0   18018002925                                                              M
```

QUALITY ASSURED

CITY AND STATE				
WINCHESTER, IN	**ELEVATION: 1123** **THRE: 1123** AIRPORT NAME: **RANDOLPH COUNTY**	FACILITY IDENTIFIER: **RNAV**	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: **RNAV (GPS) RWY 26, ORIG** 10 MAR 2011	SUP: AMDT: **NONE** DATED:

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIE VOR/DME	BICEN INT/DQN VOR/DME 21.00 DME	105.60 / 26.86	2700
DQN VOR/DME	INCUR INT/10.00 DME	291.47 / 10.00	2700
INCUR INT/10.00 DME (IAF)	TOKAY INT/14.90 DME (NOPT)	291.47 / 4.90 (DQN R-291)	2700
TOKAY INT/14.90 DME (IF)	BICEN INT/21.00 DME	291.47 / 6.10 (DQN R-291)	2700

MISSED APPROACH

MAP: 4.84 MILES AFTER BICEN INT/21.00 DME OR AT MARSP/ 25.84 DME FIX

CLIMBING RIGHT TURN TO 2700 VIA DQN VOR/DME R-291 TO BICEN INT/21.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 291.47 INBOUND.
FAS OBST: 1379 AAO 400716N/0845240W
CHART VERSAILLES AWOS-3
FAC CROSSES MID POINT OF RWY 8/26.

1. PT L SIDE OF COURSE 111.47 OUTBOUND 2700 FT WITHIN 10 MILES OF BICEN (IAF)
2.
3. FAC 291.47 FAF BICEN INT/21.00 DME DIST FAF TO MAP 4.84 THLD
4. MIN. ALT BICEN 2700
8. MSA FROM: DQN VOR/DME 3100

MAG VAR: 1W EPOCH YEAR: 1965

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
CIRCLING	1700	1	577	1700	1 1/4	577	1700	1 1/2	577		NA				

NOTES:

CHART NOTE: USE VERSAILLES ALTIMETER SETTING; WHEN NOT RECEIVED, USE MUNCIE ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1123 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
WINCHESTER, IN	RANDOLPH COUNTY	DQN	VOR-A, AMDT 9 10 MAR 2011	SUP VOR OR GPS-A AMDT 8 DATE 10/22/1987

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 10 MAR 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1378 TDZE: 1376	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
EL DORADO, KS	AIRPORT NAME:	GPS	GPS RWY 04, ORIG, 07/15/99	AMDT NONE
	CAPT JACK THOMAS/EL DORADO			DATE

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

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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 10 MAR 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1378 TDZE: 1375	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
EL DORADO, KS	AIRPORT NAME: CAPT JACK THOMAS/EL DORADO	GPS	GPS RWY 15, ORIG, 07/15/99	AMDT NONE
				DATE

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

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 10 MAR 2011

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1378 TDZE: 1378	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
EL DORADO, KS	AIRPORT NAME:	GPS	GPS RWY 22, ORIG, 07/15/1999	AMDT NONE
	CAPT JACK THOMAS/EL DORADO			DATE

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 10 MAR 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1378 TDZE: 1373	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP	
EL DORADO, KS	AIRPORT NAME:	GPS	GPS RWY 33, ORIG-B, 09/07/2000	AMDT	ORIG-A
	CAPT JACK THOMAS/EL DORADO			DATE	08/30/00

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 10 MAR 2011

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1378 TDZE: 1376	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
EL DORADO, KS	AIRPORT NAME: CAPT JACK THOMAS/EL DORADO	EQA	NDB RWY 4, AMDT 3, 07/15/1999	AMDT 2
				DATE 05/30/91

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
INDIC	ASOSE (FB)	161.52 / 13.61	3600
OBDAW	ENBEW (FB)	245.44 / 17.43	3600
ASOSE (IAF)	UFGER (FB)	128.23 / 5.00	3000
ENBEW (IAF)	UFGER (FB)	308.33 / 5.20	3000
UFGER (IF)	JIKAK (FB)	038.28 / 5.03	3000
JIKAK (FAF)	WINUS/1.50 NM TO RW04 (FB)	038.35 / 3.47	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW04

CLIMB TO 3700 DIRECT UVPOW AND ON TRACK 311.46 TO YONYU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 153.81 INBOUND.
CHART FAS OBST: 1479 TREE 374601N/0964923W
1523 AAO 374215N/0965312W
JIKAK TO RW04: 3.00/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UFGER
3. FAC: 038.35 FAF: JIKAK DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: UFGER 3000, JIKAK 3000, WINUS/1.50 NM TO RW04 1880
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: RW04 3600

MAG VAR: 5E 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
LNAV MDA	1820	1	444	1820	1	444		NA			NA				
CIRCLING	1900	1	520	1920	1	540		NA			NA				

NOTES:
CHART NOTE: USE WICHITA-MID CONTINENT ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INDIC ON V12 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OBDAW ON V354 NORTHBOUND AND V350 EASTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1376 / AIRPORT NAME:	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	CAPTAIN JACK THOMAS/EL DORADO		RNAV (GPS) RWY 4, ORIG 10 MAR 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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WINUS/1.50 NM TO RW04	RW04 (MAP) (FO)	038.38 / 1.50	
RW04 (MAP)	1780 MSL	038.38	
1780 MSL	UVPOW (FB)		
UVPOW	YONYU (FO)	311.46 / 9.30	3700

CITY AND STATE	ELEVATION: 1380 THRE: 1376	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 4, ORIG 10 MAR 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)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   ASOSE K30    W     N37422174W097023731                    E0042     NAR          ASOSE
          SUSAEAENRT   ENBEW K30    W     N37352168W096531631                    E0041     NAR          ENBEW
          SUSAEAENRT   INDIC K30    C   L N37553678W097063723                    E0043     NAR          INDIC
          SUSAEAENRT   JIKAK K30    W     N37423565W096534152                    E0041     NAR          JIKAK
          SUSAEAENRT   OBDAW K30    R   L N37411395W096323656                    E0039     NAR          OBDAW
          SUSAEAENRT   UFGER K30    W     N37385592W096580209                    E0042     NAR          UFGER
          SUSAEAENRT   UVPOW K30    W     N37492048W096453950                    E0040     NAR          UVPOW
          SUSAEAENRT   WINUS K30    W     N37450734W096504115                    E0041     NAR          WINUS
          SUSAEAENRT   YONYU K30    W     N37560502W096534517                    E0041     NAR          YONYU

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KEQAK3AEQA     0     042YHN37462680W096490380E005001380        1800018000C    MNAR    CAPTAIN JACK THOMAS/EL DORADO

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KEQAK3FR04   AINDIC 010INDICK3EA0E       IF                                          18000                B JS
          SUSAP KEQAK3FR04   AINDIC 020ASOSEK3EA0E  A 020TF                    16150136    + 03600                      B JS
          SUSAP KEQAK3FR04   AINDIC 030UFGERK3EA0EE B 010TF                    12820050    + 03000                      B JS
          SUSAP KEQAK3FR04   AOBDAW 010OBDAWK3EA0E       IF                                          18000                B JS
          SUSAP KEQAK3FR04   AOBDAW 020ENBEWK3EA0E  A 020TF                    24540174    + 03600                      B JS
          SUSAP KEQAK3FR04   AOBDAW 030UFGERK3EA0EE B 010TF                    30830052    + 03000                      B JS
          SUSAP KEQAK3FR04   R       010UFGERK3EA0E  I    IF                              + 03000     18000            B JS
          SUSAP KEQAK3FR04   R       020JIKAKK3EA1E  F 051TF                    03830050    + 03000           RW04  K3PGB JS
          SUSAP KEQAK3FR04   R       020JIKAKK3EA2WN          N          ALNAV                                          JS
          SUSAP KEQAK3FR04   R       021WINUSK3EA0E S  031TF                    03840035    V 0188001893       -300      B JS
          SUSAP KEQAK3FR04   R       030RW04 K3PG0GY M 031TF                    03840015      01416            -300      B JS
          SUSAP KEQAK3FR04   R       040         0  M  010CA                    0384        + 01780                      B JS
          SUSAP KEQAK3FR04   R       050UVPOWK3EA0E    010DF                    0384                                     B JS
          SUSAP KEQAK3FR04   R       060YONYUK3EA0EY   010TF                    3115        + 03700                      B JS
          SUSAP KEQAK3FR04   R       070YONYUK3EA0EE  R020HM                    15380040    + 03700                      B JS
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CITY AND STATE	ELEVATION: 1380 THRE: 1376	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 4, ORIG	AMDT: NONE
			10 MAR 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 airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KEQAK3GRW04     0042040384 N37461283W096492319+0100     +0390201376000040075R

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KEQAK3SRW04 K3PG               0    18018003625                                                          M
```

CITY AND STATE	ELEVATION: 1380 THRE: 1376	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 4, ORIG 10 MAR 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
UBWIK	ULFEP (FB)	278.08 / 19.08	3600
ULFEP (IAF)	YONYU (FB)	243.83 / 5.00	3100
INDIC (IAF)	YONYU (FB)	082.29 / 10.19	3100
YONYU (IF)	ORWOR (FB)	153.81 / 5.01	3000
ORWOR (FAF)	HUBBN/2.30 NM TO RW15 (FB)	153.86 / 2.68	
HUBBN/2.30 NM TO RW15	RW15 (MAP) (FO)	153.87 / 2.30	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW15

CLIMB TO 3700 DIRECT WAXIK AND ON TRACK 242.37 TO UFGER AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 038.28 INBOUND.
CHART FAS OBST: 1528 TWR 374806N/0964908W
CHART 1732 TOWER 375026N/0965153W.
ORWOR TO RW15: 3.00/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILE S OF ____ (IAF)
2. PROFILE STARTS AT YONYU
3. FAC: 153.86 FAF: ORWOR DIST FAF TO MAP: 4.98 THLD: 4.98
4. MIN. ALT: YONYU 3100, ORWOR 3000, HUBBN/2.30 NM TO RW15 2140
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW15 3600

MAG VAR: 5E 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
LNAV MDA	1880	1	506	1880	1	506		NA			NA				
CIRCLING	1900	1	520	1920	1	540		NA			NA				

NOTES:
CHART NOTE: USE WICHITA-MID CONTINENT ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
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: 1380 THRE: 1374 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 15, ORIG 10 MAR 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
RW15 (MAP)	1780 MSL	153.87	
1780 MSL	WAXIK (FB)		
WAXIK	UFGER (FO)	242.37 / 9.38	3700

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT INDIC ON V12 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UBWIK ON V354 NORTHBOUND AND V132 EASTBOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	
EL DORADO, KS	ELEVATION: 1380 THRE: 1374 AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 15, ORIG 10 MAR 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.

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   HUBBN K30    W     N37485392W096501461                      E0041     NAR           HUBBN
        SUSAEAENRT   INDIC K30    C   L N37553678W097063723                      E0043     NAR           INDIC
        SUSAEAENRT   ORWOR K30    W     N37512413W096512783                      E0041     NAR           ORWOR
        SUSAEAENRT   UBWIK K30    R   L N37533645W096242112                      E0038     NAR           UBWIK
        SUSAEAENRT   UFGER K30    W     N37385592W096580209                      E0042     NAR           UFGER
        SUSAEAENRT   ULFEP K30    W     N37575363W096475156                      E0041     NAR           ULFEP
        SUSAEAENRT   WAXIK K30    W     N37423326W096470801                      E0041     NAR           WAXIK
        SUSAEAENRT   YONYU K30    W     N37560502W096534517                      E0041     NAR           YONYU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3AEQA     0     042YHN37462680W096490380E005001380        1800018000C    MNAR    CAPTAIN JACK THOMAS/EL DORADO

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3FR15   AINDIC 010INDICK3EA0E  A    IF                                          18000                B JS
        SUSAP KEQAK3FR15   AINDIC 020YONYUK3EA0EE B 010TF                    08230102    + 03100                      B JS
        SUSAP KEQAK3FR15   AUBWIK 010UBWIKK3EA0E       IF                                          18000                B JS
        SUSAP KEQAK3FR15   AUBWIK 020ULFEPK3EA0E  A 020TF                    27810191    + 03600                      B JS
        SUSAP KEQAK3FR15   AUBWIK 030YONYUK3EA0EE B 010TF                    24380050    + 03100                      B JS
        SUSAP KEQAK3FR15   R      010YONYUK3EA0E  I    IF                               + 03100     18000            B JS
        SUSAP KEQAK3FR15   R      020ORWORK3EA1E  F 051TF                    15380050    + 03000             RW15  K3PGB JS
        SUSAP KEQAK3FR15   R      020ORWORK3EA2WN          N          ALNAV                                           JS
        SUSAP KEQAK3FR15   R      021HUBBNK3EA0E S  031TF                    15390027    V 0214002146       -300         B JS
        SUSAP KEQAK3FR15   R      030RW15 K3PG0GY M 031TF                    15390023      01414            -300         B JS
        SUSAP KEQAK3FR15   R      040         0  M  010CA                    1539        + 01780                      B JS
        SUSAP KEQAK3FR15   R      050WAXIKK3EA0E    010DF                                                            B JS
        SUSAP KEQAK3FR15   R      060UFGERK3EA0EY   010TF                    2424        + 03700                      B JS
        SUSAP KEQAK3FR15   R      070UFGERK3EA0EE  R020HM                    03830040    + 03700                      B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3GRW15    0042001539 N37464505W096491186+0100    +0389401374000040075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1374	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 15, ORIG 10 MAR 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 KEQAK3SRW15 K3PG                0   18018003625                                                                   M
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QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1374	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 15, ORIG 10 MAR 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
UBWIK (IAF)	AMICY (FB)	266.82 / 12.48	3100
LASKI (IAF)	AMICY (FB)	130.01 / 11.15	3100
AMICY (IF)	EGIYU (FB)	218.47 / 5.03	3000
EGIYU (FAF)	RW22 (MAP) (FO)	218.44 / 4.97	
RW22 (MAP)	1780 MSL	218.44	
1780 MSL	UFGER (FO)		3700

MISSED APPROACH

LNAV: RW22

CLIMB TO 3700 DIRECT UFGER AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 038.28 INBOUND.
FAS OBST: 1639 AAO 374940N/0964336W
EGIYU TO RW22: 3.00/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT AMICY
3. FAC: 218.44 FAF: EGIYU DIST FAF TO MAP: 4.97 THLD: 4.97
4. MIN. ALT: AMICY 3100, EGIYU 3000
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: RW22 3600

MAG VAR: 5E 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
LNAV MDA	1980	1	602	1980	1	602		NA			NA				
CIRCLING	1980	1	600	1980	1	600		NA			NA				

NOTES:
CHART NOTE: USE WICHITA-MID CONTINENT ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
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: 1380 THRE: 1378 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 22, ORIG 10 MAR 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 PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LASKI ON V12 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT UBWIK ON V354 NORTHBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1378	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: **CAPTAIN JACK THOMAS/EL DORADO**	**RNAV**	**RNAV (GPS) RWY 22, ORIG** 10 MAR 2011	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.

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   AMICY K30    W     N37535923W096400647                      E0040     NAR           AMICY
        SUSAEAENRT   EGIYU K30    W     N37501970W096442877                      E0040     NAR           EGIYU
        SUSAEAENRT   LASKI K30    C   L N38015323W096500400                      E0041     NAR           LASKI
        SUSAEAENRT   UBWIK K30    R   L N37533645W096242112                      E0038     NAR           UBWIK
        SUSAEAENRT   UFGER K30    W     N37385592W096580209                      E0042     NAR           UFGER

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3AEQA     0     042YHN37462680W096490380E005001380         1800018000C    MNAR    CAPTAIN JACK THOMAS/EL DORADO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3FR22   ALASKI 010LASKIK3EA0E  A    IF                                                18000                 B JS
        SUSAP KEQAK3FR22   ALASKI 020AMICYK3EA0EE B 010TF                     13000112    + 03100                            B JS
        SUSAP KEQAK3FR22   AUBWIK 010UBWIKK3EA0E  A    IF                                                18000                 B JS
        SUSAP KEQAK3FR22   AUBWIK 020AMICYK3EA0EE B 010TF                     26680125    + 03100                            B JS
        SUSAP KEQAK3FR22   R      010AMICYK3EA0E  I    IF                                 + 03100     18000                 B JS
        SUSAP KEQAK3FR22   R      020EGIYUK3EA1E  F 051TF                     21850050    + 03000                  RW22  K3PGB JS
        SUSAP KEQAK3FR22   R      020EGIYUK3EA2WN          N          ALNAV                                                    JS
        SUSAP KEQAK3FR22   R      030RW22 K3PG0GY M 031TF                     21840050      01418             -300           B JS
        SUSAP KEQAK3FR22   R      040         0  M  010CA                     2184        + 01780                            B JS
        SUSAP KEQAK3FR22   R      050UFGERK3EA0EY   010DF                     2184        + 03700                            B JS
        SUSAP KEQAK3FR22   R      060UFGERK3EA0EE  R020HM                     03830040    + 03700                            B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3GRW22    0042042184 N37464303W096484722-0100    +0390901378000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3SRW22 K3PG                0   18018003625                                                                      M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1378	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 22, ORIG 10 MAR 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
OBDAW	IFGAK (FB)	235.22 / 5.37	3600
CAWBU	ATVEW (FB)	070.26 / 21.91	3600
IFGAK (IAF)	VUCDO (FB)	243.99 / 5.00	3100
ATVEW (IAF)	VUCDO (FB)	063.87 / 5.00	3100
VUCDO (IF)	WAXFY (FB)	333.93 / 5.04	3000
WAXFY (FAF)	WEXOS/1.80 NM TO RW33 (FB)	333.90 / 3.16	
(SEE FORM 8260-10)			

MISSED APPROACH

LNAV: RW33

CLIMB TO 3700 DIRECT YONYU AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 153.81 INBOUND.
CHART FAS OBST: 1509 TREE 374449N/0964739W
WEXOS TO RW33: 3.00/40.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VUCDO
3. FAC: 333.90 FAF: WAXFY DIST FAF TO MAP: 4.96 THLD: 4.96
4. MIN. ALT: VUCDO 3100, WAXFY 3000, WEXOS/1.80 NM TO RW33 1980
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: RW33 3600

MAG VAR: 5E 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
LNAV MDA	1860	1	480	1860	1	480		NA			NA				
CIRCLING	1900	1	520	1920	1	540		NA			NA				

NOTES:
CHART NOTE: USE WICHITA-MID CONTINENT ALTIMETER SETTING; WHEN NOT RECEIVED, USE NEWTON ALTIMETER SETTING AND INCREASE ALL MDA 20 FEET.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OBDAW ON V354 NORTHBOUND AND V350 EASTBOUND.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1380	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 33, ORIG	AMDT: NONE
			10 MAR 2011	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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WEXOS/1.80 NM TO RW33	RW33 (MAP) (FO)	333.89 / 1.80	
RW33 (MAP)	1780 MSL	333.89	
1780 MSL	YONYU (FO)		3700

NOTES, (CONT.):
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CAWBU ON V73 NORTHWEST BOUND.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

CITY AND STATE	ELEVATION: 1380 THRE: 1380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 33, ORIG 10 MAR 2011	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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ATVEW K30    W     N37345774W096501310                      E0041     NAR           ATVEW
        SUSAEAENRT   CAWBU K30    R   L N37292594W097165258                      E0044     NAR           CAWBU
        SUSAEAENRT   IFGAK K30    W     N37383370W096382846                      E0040     NAR           IFGAK
        SUSAEAENRT   OBDAW K30    R   L N37411395W096323656                      E0039     NAR           OBDAW
        SUSAEAENRT   VUCDO K30    W     N37364587W096442092                      E0040     NAR           VUCDO
        SUSAEAENRT   WAXFY K30    W     N37412824W096463785                      E0041     NAR           WAXFY
        SUSAEAENRT   WEXOS K30    W     N37442545W096480395                      E0041     NAR           WEXOS
        SUSAEAENRT   YONYU K30    W     N37560502W096534517                      E0041     NAR           YONYU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3AEQA     0     042YHN37462680W096490380E005001380         1800018000C    MNAR    CAPTAIN JACK THOMAS/EL DORADO

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3FR33   ACAWBU 010CAWBUK3EA0E       IF                                                18000                 B JS
        SUSAP KEQAK3FR33   ACAWBU 020ATVEWK3EA0E  A 020TF                     07030219    + 03600                             B JS
        SUSAP KEQAK3FR33   ACAWBU 030VUCDOK3EA0EE B 010TF                     06390050    + 03100                             B JS
        SUSAP KEQAK3FR33   AOBDAW 010OBDAWK3EA0E       IF                                                18000                 B JS
        SUSAP KEQAK3FR33   AOBDAW 020IFGAKK3EA0E  A 020TF                     23520054    + 03600                             B JS
        SUSAP KEQAK3FR33   AOBDAW 030VUCDOK3EA0EE B 010TF                     24400050    + 03100                             B JS
        SUSAP KEQAK3FR33   R      010VUCDOK3EA0E  I    IF                                  + 03100     18000                   B JS
        SUSAP KEQAK3FR33   R      020WAXFYK3EA1E  F 051TF                     33390050    + 03000                   RW33  K3PGB JS
        SUSAP KEQAK3FR33   R      020WAXFYK3EA2WN          N          ALNAV                                                     JS
        SUSAP KEQAK3FR33   R      021WEXOSK3EA0E S  031TF                     33390032    V 0198001992        -300          B JS
        SUSAP KEQAK3FR33   R      030RW33 K3PG0GY M 031TF                     33390018      01420             -300          B JS
        SUSAP KEQAK3FR33   R      040          0  M  010CA                    3339        + 01780                             B JS
        SUSAP KEQAK3FR33   R      050YONYUK3EA0EY   010DF                     3339        + 03700                             B JS
        SUSAP KEQAK3FR33   R      060YONYUK3EA0EE  R020HM                     15380040    + 03700                             B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KEQAK3GRW33    0042003339 N37460631W096485301-0100    +0391301380000040075R
```

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME: CAPTAIN JACK THOMAS/EL DORADO	RNAV	RNAV (GPS) RWY 33, ORIG 10 MAR 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 KEQAK3SRW33 K3PG               0   18018003625                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1380 THRE: 1380	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
EL DORADO, KS	AIRPORT NAME:	RNAV	RNAV (GPS) RWY 33, ORIG	AMDT: NONE
	CAPTAIN JACK THOMAS/EL DORADO		10 MAR 2011	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
PWE VORTAC	**MYZ NDB**	**218.50 / 28.67**	**3100**
LEGAL INT	**MYZ NDB**	**326.60 / 20.63**	**3100**

MISSED APPROACH

MAP: MYZ NDB

CLIMB TO 3100 THEN LEFT TURN DIRECT MYZ NDB AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 142.00 INBOUND.
FAS OBST: 1659 AAO 394411N/0963208W
CHART BEATRICE AWOS-3.
FAC CROSSES RWY C/L EXTENDED 3294 FROM THLD.

1. PT **L** SIDE OF COURSE **142.00** OUTBOUND **3100** FT WITHIN **10** MILES OF **MYZ NDB** (IAF)
2.
3. FAC **322.00** FAF DIST FAF TO MAP THLD
4. MIN. ALT
8. MSA FROM: **MYZ NDB 3200**

MAG VAR: **4E** EPOCH YEAR: **2010**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-34	**2080**	**1**	**803**	**2080**	**1 1/4**	**803**	**2080**	**2 1/2**	**803**		**NA**				
CIRCLING	**2180**	**1 1/4**	**897**	**2180**	**1 1/4**	**897**	**2180**	**2 3/4**	**897**		**NA**				

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE BEATRICE ALTIMETER SETTING; WHEN NOT RECEIVED, USE CONCORDIA ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND S-34 CAT A AND CIRCLING CAT B AND C VISIBILITY 1/4 MILE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1277 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP NDB OR GPS RWY 33
MARYSVILLE, KS	**MARYSVILLE MUNI**	**MYZ**	**NDB RWY 34, AMDT 5** 10 MAR 2011	AMDT 4 DATE 01/23/2003

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
STEEL	HOPIK (FB)	087.58 / 11.72	3200
PWE VORTAC	TOVGE (FB)	247.49 / 20.27	3200
HOPIK (IAF)	JUSMI (NOPT) (FB)	066.41 / 8.00	3200
TOVGE (IAF)	JUSMI (NOPT) (FB)	246.59 / 5.00	3200
JUSMI (IF/IAF)	CUMEK (FB)	156.52 / 6.97	3200
CUMEK (FAF)	RW16 (MAP) (FO)	156.55 / 5.91	
RW16 (MAP)	1683 MSL	156.55	
1683 MSL	JELOK (FO)		3200

MISSED APPROACH

LNAV: RW16

CLIMB TO 3200 DIRECT JELOK AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 336.64 INBOUND.
CHART FAS OBST: 1759 TOWER 395233N/0963805W
CUMEK TO RW16: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW JUSMI, RT, 156.52 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC: 156.55 FAF: CUMEK DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: JUSMI 3200, CUMEK 3200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS CLEAR
8. MSA FROM: RW16 3200

MAG VAR: 4E 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
LNAV MDA	2140	1	862	2140	1 1/4	862	2140	2 1/2	862		NA				
CIRCLING	2180	1 1/4	897	2180	1 1/4	897	2180	2 3/4	897		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE BEATRICE ALTIMETER SETTING; WHEN NOT RECEIVED, USE CONCORDIA ALTIMETER SETTING AND INCREASE ALL MDA 80 FT AND INCREASE LNAV CAT A, AND CIRCLING CAT B AND C VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PWE VORTAC AIRWAY RADIALS 189 CW 329.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT STEEL ON V532 SOUTHWEST BOUND.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1278	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	AIRPORT NAME: MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 16, ORIG 10 MAR 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
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAD        PWE   K3011240VTHA N40120130W096122263    N40120130W096122263E0050013602     NARPAWNEE CITY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CUMEK K3C    W     N39571737W096403283                    E0039     NAR          CUMEK
        SUSAEAENRT   HOPIK K3C    W     N40011160W096532334                    E0041     NAR          HOPIK
        SUSAEAENRT   JELOK K30    W     N39385303W096320853                    E0038     NAR          JELOK
        SUSAEAENRT   JUSMI K3C    W     N40035221W096433432                    E0040     NAR          JUSMI
        SUSAEAENRT   STEEL K30    C   L N40013197W097083834                    E0043     NAR          STEEL
        SUSAEAENRT   TOVGE K3C    W     N40053223W096372555                    E0039     NAR          TOVGE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3AMYZ     0     042YHN39511916W096375028E004001283         1800018000C    MNAR    MARYSVILLE MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3FR16   AJUSMI 010JUSMIK3EA0EE AR   HF                    15650040    + 03200     18000                B JS
        SUSAP KMYZK3FR16   APWE   010PWE  K3D 0V       IF                                          18000                B JS
        SUSAP KMYZK3FR16   APWE   020TOVGEK3EA0E  A 020TF                     24750203    + 03200                          B JS
        SUSAP KMYZK3FR16   APWE   030JUSMIK3EA0EE B 010TF                     24660050    + 03200                          B JS
        SUSAP KMYZK3FR16   ASTEEL 010STEELK3EA0E       IF                                          18000                B JS
        SUSAP KMYZK3FR16   ASTEEL 020HOPIKK3EA0E  A 020TF                     08760117    + 03200                          B JS
        SUSAP KMYZK3FR16   ASTEEL 030JUSMIK3EA0EE B 010TF                     06640080    + 03200                          B JS
        SUSAP KMYZK3FR16   R      010JUSMIK3EA0E  I    IF                                  + 03200     18000                B JS
        SUSAP KMYZK3FR16   R      020CUMEKK3EA1E  F 051TF                     15650070    + 03200                RW16  K3PGB JS
        SUSAP KMYZK3FR16   R      020CUMEKK3EA2WN          N          ALNAV                                                JS
        SUSAP KMYZK3FR16   R      030RW16 K3PG0GY M 031TF                     15660059      01318           -300           B JS
        SUSAP KMYZK3FR16   R      040          0  M  010CA                     1566        + 01683                          B JS
        SUSAP KMYZK3FR16   R      050JELOKK3EA0EY   010DF                                 + 03200                          B JS
        SUSAP KMYZK3FR16   R      060JELOKK3EA0EE  R020HM                     33660040    + 03200                          B JS
```

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	AIRPORT NAME: MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 16, ORIG 10 MAR 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 KMYZK3GRW16     0042001566 N39514272W096375952+0000     +036160127800004006OR

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3SRW16 K3PG                0   18018003225                                                                   M
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QUALITY

CITY AND STATE	ELEVATION: 1283 THRE: 1278	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	AIRPORT NAME: MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 16, ORIG 10 MAR 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
ENUBE	ZILGU (FB)	069.95 / 14.03	3200
ZILGU (IAF)	JELOK (NOPT) (FB)	066.57 / 5.14	3200
LEGAL (IAF)	JELOK (NOPT) (FB)	311.63 / 7.99	3200
ZINUR (IAF)	JELOK (NOPT) (FB)	246.74 / 8.12	3200
JELOK (IF/IAF)	CAWXY (FB)	336.64 / 6.98	3200
CAWXY (FAF)	RW34 (MAP) (FO)	336.61 / 5.91	
RW34 (MAP)	1623 MSL	336.61	
1623 MSL	JUSMI (FO)		3200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW34

CLIMB TO 3200 DIRECT JUSMI AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 156.52 INBOUND.
CHART FAS OBST: 1429 TREE 395045N/0963651W
FAS OBST: 1569 AAO 394541N/0963341W
DISTANCE TO THLD FROM 346 HATH: 0.96 NM.
WAAS CHANNEL # 82420
REFERENCE PATH ID: W34A
CHART BEATRICE AWOS-3
LTP HAE: 361.3 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE JELOK, RT, 336.64 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC: 336.61 FAF: CAWXY DIST FAF TO MAP: 5.91 THLD: 5.91
4. MIN. ALT: JELOK 3200, CAWXY 3200
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 3200 GS ALT AT: CAWXY 3200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW34 3200

MAG VAR: 4E 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	1623	1 1/8	346	1623	1 1/8	346	1623	1 1/8	346		NA				
LNAV/VNAV DA	1668	1 3/8	391	1668	1 3/8	391	1668	1 3/8	391		NA				
LNAV MDA	1900	1	623	1900	1	623	1900	1 3/4	623		NA				
CIRCLING	2180	1 1/4	897	2180	1 1/4	897	2180	2 3/4	897		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: USE BEATRICE ALTIMETER SETTING; WHEN NOT RECEIVED, USE CONCORDIA ALTIMETER SETTING AND INCREASE ALL DA 77 FT AND ALL MDA 80 FT AND INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE, LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.
CHART NOTE: BARO-VNAV NA.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1277 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 10 MAR 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	KMYZ
RUNWAY	RW34
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W34A
LTP/FTP LATITUDE	395103.5700N
LTP/FTP LONGITUDE	0963741.6100W
LTP/FTP ELLIPSOIDAL HEIGHT	+03613
FPAP LATITUDE	395227.6700N
FPAP LONGITUDE	0963820.0900W
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	1472
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7F709D97

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03893
FPAP ORTHOMETRIC HEIGHT	+03893

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1277	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	AIRPORT NAME: MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 10 MAR 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   CAWXY K30    W     N39452872W096350867                     E0039     NAR           CAWXY
        SUSAEAENRT   ENUBE K30    C   L N39331891W096555189                     E0041     NAR           ENUBE
        SUSAEAENRT   JELOK K30    W     N39385303W096320853                     E0038     NAR           JELOK
        SUSAEAENRT   JUSMI K30    W     N40035221W096433432                     E0040     NAR           JUSMI
        SUSAEAENRT   LEGAL K30    C   L N39331022W096245451                     E0038     NAR           LEGAL
        SUSAEAENRT   ZILGU K30    W     N39371055W096382506                     E0039     NAR           ZILGU
        SUSAEAENRT   ZINUR K30    C   L N39413426W096221304                     E0037     NAR           ZINUR

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3AMYZ     0     042YHN39511916W096375028E004001283        1800018000C    MNAR    MARYSVILLE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3FR34   AENUBE 010ENUBEK3EA0E       IF                                          18000               A JS
        SUSAP KMYZK3FR34   AENUBE 020ZILGUK3EA0E  A 020TF                    07000140    + 03200                       A JS
        SUSAP KMYZK3FR34   AENUBE 030JELOKK3EA0EE B 010TF                    06660051    + 03200                       A JS
        SUSAP KMYZK3FR34   AJELOK 010JELOKK3EA0EE AR   HF                   33660040    + 03200     18000             A JS
        SUSAP KMYZK3FR34   ALEGAL 010LEGALK3EA0E  A    IF                                         18000             A JS
        SUSAP KMYZK3FR34   ALEGAL 020JELOKK3EA0EE B 010TF                    31160080    + 03200                       A JS
        SUSAP KMYZK3FR34   AZINUR 010ZINURK3EA0E  A    IF                                         18000             A JS
        SUSAP KMYZK3FR34   AZINUR 020JELOKK3EA0EE B 010TF                    24670081    + 03200                       A JS
        SUSAP KMYZK3FR34   R      010JELOKK3EA0E  I    IF                                 + 03200 18000             A JS
        SUSAP KMYZK3FR34   R      020CAWXYK3EA1E  F 051TF                    33660070    + 03200           RW34  K3PGA A JS
        SUSAP KMYZK3FR34   R      020CAWXYK3EA2WALPV       ALNAV/VNAV ALNAV                                           JS
        SUSAP KMYZK3FR34   R      030RW34 K3PG0GY M 031TF                    33660059      01317       -300          A JS
        SUSAP KMYZK3FR34   R      040         0  M  010CA                    3366        + 01623                     A JS
        SUSAP KMYZK3FR34   R      050JUSMIK3EA0EY   010DF                                 + 03200                     A JS
        SUSAP KMYZK3FR34   R      060JUSMIK3EA0EE  R020HM                    15650040    + 03200                       A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3GRW34    0042003366 N39510357W096374161+0000    +03613012770000400 60R
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 1283 THRE: 1277 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	**MARYSVILLE MUNI**	**RNAV**	**RNAV (GPS) RWY 34, ORIG** 10 MAR 2011	AMDT: **NONE** DATED:

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3PR34   RW34 001 0000W34A0N3951035700W09637416100+036130300N3952276700W0963820090010675147200040 0F4005007F709D97
        SUSAP KMYZK3PR34   RW34 002E      +03893+03893LPV       82420

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMYZK3SRW34 K3PG                0   18018003225                                                                        M
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CITY AND STATE	ELEVATION: 1283 THRE: 1277	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MARYSVILLE, KS	AIRPORT NAME: MARYSVILLE MUNI	RNAV	RNAV (GPS) RWY 34, ORIG 10 MAR 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.
SHREVEPORT, LA	SHREVEPORT DOWNTOWN	10 MAR 2011	3A

TAKEOFF MINIMUMS:

RWY 5, 14 STANDARD.

RWY 23, 300-1 1/2 OR STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 500.

RWY 32, STANDARD WITH MINIMUM CLIMB OF 215 FT PER NM TO 2700.

TEXTUAL DEPARTURE PROCEDURES:

RWY 23 - CLIMB HEADING 230.31 TO 800 BEFORE TURNING LEFT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, TREES 102 FT FROM DER, 137 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/245 FT MSL. TREES 151 FT FROM DER, 247 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/230 FT MSL.

NOTE: RWY 14, BUILDING 24 FT FROM DER, 466 FT RIGHT OF CENTERLINE, 12 FT AGL/191 FT MSL. BARGE 1502 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 60 FT AGL/238 FT MSL. TREES 1626 FT FROM DER, 25 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/281 FT MSL. TREES 497 FT FROM DER, 73 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/279 FT MSL.

NOTE: RWY 23, ROD ON HANGER 24 FT FROM DER, 304 FT LEFT OF CENTERLINE, 30 FT AGL/204 FT MSL. VEHICLE ON ROAD 180 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 15 FT AGL/188 FT MSL. TREES 734 FT FROM DER, 278 FT LEFT OF CENTERLINE, UP TO 80 FT AGL/229 FT MSL. TOWER 1.2 NM FROM DER, 1698 FT RIGHT OF CENTERLINE, 203 FT AGL/363 FT MSL. TOWER 1.2 NM FROM DER, 901 FT RIGHT OF CENTERLINE, 197 FT AGL/365 FT MSL. POLE 3891 FT FROM DER, 196 FT RIGHT OF CENTERLINE, 125 FT AGL/295 FT MSL.

NOTE: RWY 32, FENCE 12 FT FROM DER, 242 FT RIGHT OF CENTERLINE, 10 FT AGL/180 FT MSL. VEHICLES ON ROAD 71 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/185 FT MSL. TREE 282 FT FROM DER, 556 FT RIGHT OF CENTERLINE, 80 FT AGL/249 FT MSL. TREES BEGINNING 373 FT FROM DER, 411 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/262 FT MSL. BARGE 1164 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, 60 FT AGL/238 FT MSL. TREES BEGINNING 2029 FT FROM DER, 51 FT LEFT OF CENTERLINE, UP TO 110 FT AGL/267 FT MSL.

CONTROLLING OBSTACLES:

RWY 23: 739 FT MSL TOWER 322937.00N/0934556.00W, 365 FT MSL TOWER 323138.00N/0934615.00W, 363 FT MSL TOWER 323147.00N/0934616.00W

RWY 32: 2046 FT MSL TOWER 323959.00N/0935600.00W

OBSTACLES MANDATING ROUTE DEVELOPMENT: RWY 23 – 415 FT MSL TOWER, 323139.30N/0934612.52W

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.23

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

ALTERNATE: NA

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 10 MAR 2011

QUALITY CHECKED

CITY AND STATE	AIRPORT	FACILITY IDENTIFIER	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
ELY, MN	**ELEVATION: 1456** **TDZE:** AIRPORT NAME: **ELY MUNI**	**ELO**	**VOR-A, ORIG, 04/18/2002**	SUP 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

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JUMAM (IAF)	HORAP (NOPT) (FB)	191.73 / 5.00	3000
VIPUY (IAF)	HORAP (NOPT) (FB)	011.69 / 5.00	3000
HORAP (IF/IAF)	HUNIR (FB)	101.71 / 6.01	2800
HUNIR (FAF)	CUMLA/2.10 NM TO RW11 (FB)	101.81 / 2.77	1900
CUMLA/2.10 NM TO RW11	RW11 (MAP) (FO)	101.81 / 2.10	
RW11 (MAP)	1583 MSL	101.81	1583
1583 MSL	ZOLBU (FO)		

MISSED APPROACH

LNAV: RW11

CLIMB TO 3000 DIRECT ZOLBU AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 282.08 INBOUND.
CHART FAS OBST: 1399 POWER LINE 452221N/0944701W
HUNIR TO RW11: 3.04/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD W HORAP, RT, 101.71 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 101.81 FAF: HUNIR DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: HORAP 3000, HUNIR 2800, CUMLA/2.10 NM TO RW11 1900
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: 4E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1660	1	477	1660	1	477	1660	1 1/4	477		NA				
CIRCLING	1660	1	477	1740	1	557	1780	1 1/2	597		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LITCHFIELD ALTIMETER SETTING; INCREASE ALL MDA 60 FEET AND INCREASE LNAV AND CIRCLING CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 10 MAR 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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TAA

	FROM	TO	ALT
1.	012/30 CW 192/30 (NOPT)	012/10 CW 192/10	3600
2.	012/10 CW 192/10	HORAP (IF/IAF) (FB)	3000
3.	192/30 CW 282/30	JUMAM (IAF) (FB)	3300
4.	282/30 CW 012/30	VIPUY (IAF) (FB)	3100

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI	RNAV	RNAV (GPS) RWY 11, ORIG	AMDT: NONE
			10 MAR 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 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   CUMLA K30    W     N45225835W094475520                    E0020     NAR           CUMLA
          SUSAEAENRT   HORAP K30    W     N45252162W094595469                    E0022     NAR           HORAP
          SUSAEAENRT   HUNIR K30    W     N45234371W094514222                    E0021     NAR           HUNIR
          SUSAEAENRT   JUMAM K30    W     N45301034W094575920                    E0021     NAR           JUMAM
          SUSAEAENRT   VIPUY K30    W     N45203286W095014986                    E0022     NAR           VIPUY
          SUSAEAENRT   ZOLBU K30    W     N45191519W094292899                    E0018     NAR           ZOLBU

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPEXK3APEX     0      033YHN45221943W094444102E004001183         1800018000C    MNAR    PAYNESVILLE MUNI

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPEXK3FR11   AHORAP 010HORAPK3EA0EE AR   HF                    10170040    + 03000     18000                B JS
          SUSAP KPEXK3FR11   AJUMAM 010JUMAMK3EA0E  A    IF                                        18000                B JS
          SUSAP KPEXK3FR11   AJUMAM 020HORAPK3EA0EE B 010TF                    19170050    + 03000                          B JS
          SUSAP KPEXK3FR11   AVIPUY 010VIPUYK3EA0E  A    IF                                        18000                B JS
          SUSAP KPEXK3FR11   AVIPUY 020HORAPK3EA0EE B 010TF                    01170050    + 03000                          B JS
          SUSAP KPEXK3FR11   R      010HORAPK3EA0E  I    IF                               + 03000     18000                B JS
          SUSAP KPEXK3FR11   R      020HUNIRK3EA1E  F 051TF                    10170060    + 02800                          B JS
          SUSAP KPEXK3FR11   R      020HUNIRK3EA2WN          N          ALNAV                                                JS
          SUSAP KPEXK3FR11   R      021CUMLAK3EA0E S  031TF                    10180028    V 0190001909        -304         B JS
          SUSAP KPEXK3FR11   R      030RW11 K3PG0GY M 031TF                    10190021      01228             -304         B JS
          SUSAP KPEXK3FR11   R      040         0  M  010CA                    1019        + 01583                          B JS
          SUSAP KPEXK3FR11   R      050ZOLBUK3EA0EY   010DF                               + 03000                          B JS
          SUSAP KPEXK3FR11   R      060ZOLBUK3EA0EE  R020HM                    28210040    + 03000                          B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KPEXK3GRW11    0033021019 N45222389W094450326+0000    +0333701183000045075R
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI	RNAV	RNAV (GPS) RWY 11, ORIG 10 MAR 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
COMUV (IAF)	ZOLBU (NOPT) (FB)	012.06 / 5.00	3000
OTATE (IAF)	ZOLBU (NOPT) (FB)	192.10 / 5.00	3000
ZOLBU (IF/IAF)	WAPSA (FB)	282.08 / 6.01	2800
WAPSA (FAF)	RW29 (MAP) (FO)	281.98 / 4.87	
RW29 (MAP)	1583 MSL	281.98	3000
1583 MSL	HORAP (FO)		

MISSED APPROACH

LNAV: RW29

CLIMB TO 3000 DIRECT HORAP AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 101.71 INBOUND.
CHART FAS OBST: 1470 TOWER 452205N/0944202W
WAPSA TO RW29: 3.04/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E ZOLBU, RT, 282.08 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 281.98 FAF: WAPSA DIST FAF TO MAP: 4.87 THLD: 4.87
4. MIN. ALT: ZOLBU 3000, WAPSA 2800
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: 4E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY ===>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1720	1	537	1720	1	537	1720	1 1/2	537		NA				
CIRCLING	1720	1	537	1740	1	557	1780	1 1/2	597		NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LITCHFIELD ALTIMETER SETTING; INCREASE ALL MDA 60 FEET AND INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI		RNAV (GPS) RWY 29, ORIG 10 MAR 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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TAA

	FROM	TO	ALT
1.	192/30 CW 012/30 (NOPT)	ZOLBU (IF/IAF) (FB)	3000
2.	012/30 CW 102/30	COMUV (IAF) (FB)	3100
3.	102/30 CW 192/30	OTATE (IAF) (FB)	3300

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI	RNAV	RNAV (GPS) RWY 29, ORIG 10 MAR 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   COMUV K30    W     N45142696W094312659                    E0018     NAR           COMUV
        SUSAEAENRT   HORAP K30    W     N45252162W094595469                    E0022     NAR           HORAP
        SUSAEAENRT   OTATE K30    W     N45240339W094273106                    E0017     NAR           OTATE
        SUSAEAENRT   WAPSA K30    W     N45205470W094374016                    E0019     NAR           WAPSA
        SUSAEAENRT   ZOLBU K30    W     N45191519W094292899                    E0018     NAR           ZOLBU

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPEXK3APEX     0     033YHN45221943W094444102E004001183         1800018000C    MNAR    PAYNESVILLE MUNI

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPEXK3FR29   ACOMUV 010COMUVK3EA0E  A    IF                                                  18000                B JS
        SUSAP KPEXK3FR29   ACOMUV 020ZOLBUK3EA0EE B 010TF                    01210050    + 03000                                B JS
        SUSAP KPEXK3FR29   AOTATE 010OTATEK3EA0E  A    IF                                                  18000                B JS
        SUSAP KPEXK3FR29   AOTATE 020ZOLBUK3EA0EE B 010TF                    19210050    + 03000                                B JS
        SUSAP KPEXK3FR29   AZOLBU 010ZOLBUK3EA0EE AR   HF                    28210040    + 03000     18000                      B JS
        SUSAP KPEXK3FR29   R      010ZOLBUK3EA0E  I    IF                                + 03000     18000                      B JS
        SUSAP KPEXK3FR29   R      020WAPSAK3EA1E  F 051TF                    28210060    + 02800                                B JS
        SUSAP KPEXK3FR29   R      020WAPSAK3EA2WN          N          ALNAV                                                     JS
        SUSAP KPEXK3FR29   R      030RW29 K3PG0GY M 031TF                    28200049      01228             -304               B JS
        SUSAP KPEXK3FR29   R      040         0  M  010CA                    2820        + 01583                                B JS
        SUSAP KPEXK3FR29   R      050HORAPK3EA0EY   010DF                                 + 03000                                B JS
        SUSAP KPEXK3FR29   R      060HORAPK3EA0EE  R020HM                    10170040    + 03000                                B JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPEXK3GRW29    0033022819 N45221496W094441877+0000    +03337011830000045075R
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CITY AND STATE	ELEVATION: 1183 TDZE: 1183	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
PAYNESVILLE, MN	AIRPORT NAME: PAYNESVILLE MUNI	RNAV	RNAV (GPS) RWY 29, ORIG 10 MAR 2011	AMDT: NONE
				DATED:

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
BUM VORTAC	CYPRE INT/I-DOT 16.83 DME/RADAR	335.66 / 48.97	6000
CYPRE INT/I-DOT 16.83 DME/RADAR (IAF)	DASHI INT/I-DOT 13.91 DME/RADAR	007.93 / 2.92	5000%
DASHI INT/I-DOT 13.91 DME/RADAR	WMPOW INT/I-DOT 10.94 DME/RADAR	007.93 / 2.97	4000%
WMPOW INT/I-DOT 10.94 DME/RADAR (IF)	MISSR INT/I-DOT 7.92 DME/RADAR	007.93 / 3.02	3000%
MISSR INT/I-DOT 7.92 DME/RADAR	JISAN INT/I-DOT 6.77 DME/RADAR	007.93 / 1.15	2600

MISSED APPROACH

ILS: DA
LOC: 4.81 MILES AFTER JISAN INT/6.77 DME/RADAR OR AT I-DOT 1.96 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 290 AND MCI VORTAC R-309 TO BOWLR INT/MCI 28.97 DME AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 4000 ON HEADING 290 AND RBA VOR/DME R-137 TO JUDAA INT AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 129.41 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE JUDAA, RT, 316.98 INBOUND.
CHART FAS OBST: 1119 TREE 391715N/0944407W
CHART 1189 AAO 391326N/0944416W.
CHART VDP AT 2.77 DME*;
DISTANCE VDP TO THLD 0.81 MILES.
*LOC ONLY.
CHART IN PLANVIEW: JUDAA.
CHART LOC RWY 1R

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT CYPRE INT/I-DOT 16.83 DME/RADAR
3. FAC: 007.93 FAF: JISAN INT/I-DOT 6.77 DME/RADAR DIST FAF TO MAP: 4.81 THLD: 4.81
4. MIN. ALT: CYPRE 6000, DASHI 5000%, WMPOW 4000%, MISSR 3000%, JISAN 2600, ZUGOR INT/I-DOT 3.96 DME/RADAR 1700*
5. DIST TO THLD FROM OM: - MM: 0.45 IM: - 150 HAT: - 100 HAT: - GS ANT: 1181
6. MIN GS INCPT: 2600 GS ALT AT: JISAN 2600 OM: - MM: 1212 IM: -
7. GS ANGLE: 3.00 TCH: 57.4
8. MSA FROM: MCI VORTAC 3100

MAG VAR: 5E EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 1L	1211	1800	200	1211	1800	200	1211	1800	200	1211	1800	200			
S-LOC 1L	1340	2400	329	1340	2400	329	1340	2600	329	1340	2600	329			
CIRCLING	1540	1	514	1540	1	514	1540	1 1/2	514	1580	2	554			

NOTES:
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 1R.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PROFILE NOTE: %WHEN ASSIGNED BY ATC, INTERCEPT GLIDEPATH AT 3000 OR 4000 OR 5000.
CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

CITY AND STATE	ELEVATION: 1026 THRE: 1011 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	KANSAS CITY INTL	I-DOT	ILS OR LOC RWY 1L, AMDT 14 10 MAR 2011	AMDT: 13 DATED 09/25/2008

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.29

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ARINC PACKET - 424-18 - ILS

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        BUM   K3011590VTHA N38161958W094291763    N38161958W094291763E0070008902     NARBUTLER
        SUSAD        MCI   K3011325VTHA N39170702W094441342    N39170702W094441342E0050010172     NARKANSAS CITY
        SUSAD KMCIK3 IDOT  K3011050 IT                     IDOTN39193005W094430831     009760     NARKANSAS CITY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BOWLR K30    C   L N39372129W095110026                        E0028     NAR           BOWLR
        SUSAEAENRT   CYPRE K30    R     N39030562W094480179                        E0025     NAR           CYPRE
        SUSAEAENRT   DASHI K30    C     N39055666W094471158                        E0025     NAR           DASHI
        SUSAEAENRT   JISAN K30    R     N39125456W094450860                        E0025     NAR           JISAN
        SUSAEAENRT   MISSR K30    R     N39114682W094452856                        E0025     NAR           MISSR
        SUSAEAENRT   WMPOW K30    C     N39085035W094462052                        E0025     NAR           WMPOW

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3AMCI     0     108YHN39175138W094425006E005001026         1800018000C    MNAR    KANSAS CITY INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3FI01L  ABUM   010BUM  K3D 0V       IF                                                18000                 0 NS
        SUSAP KMCIK3FI01L  ABUM   020CYPREK3EA0E  A    TF                                     + 06000                          0 NS
        SUSAP KMCIK3FI01L  ABUM   030DASHIK3EA0E       TF                                     +A05000                          0 NS
        SUSAP KMCIK3FI01L  ABUM   040WMPOWK3EA0EE B    CF IDOTK3      1879010900790030PI  +A04000                          0 NS
        SUSAP KMCIK3FI01L  I      010WMPOWK3EA0E  I    IF IDOTK3      18790109        PI  JA040000260018000                0 NS
        SUSAP KMCIK3FI01L  I      011MISSRK3EA0E S     CF IDOTK3      1879007900800030PI  +A03000                          0 NS
        SUSAP KMCIK3FI01L  I      020JISANK3EA0E  F    CF IDOTK3      1879006800800012PI  H 0260002600        -300MCI   K3D 0 NS
        SUSAP KMCIK3FI01L  I      030RW01LK3PG0GY M    CF IDOTK3      1879002000800048PI    01069             -300          0 NS
        SUSAP KMCIK3FI01L  I      040          0  M    CA                      0079       + 02000                          0 NS
        SUSAP KMCIK3FI01L  I      050          0       VI                      2900                                          0 NS
        SUSAP KMCIK3FI01L  I      060BOWLRK3EA0EY      CF MCI K3      3094029030940170D   + 04000                          0 NS
        SUSAP KMCIK3FI01L  I      070BOWLRK3EA0EE  R   HM                      1294T010    + 04000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3GRW01L   0108010079 N39173601W094434554-0300    +0275901011000057150I

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	I-DOT	ILS OR LOC RWY 1L, AMDT 14 10 MAR 2011	AMDT: 13 DATED: 09/25/2008

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.

```
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3IIDOT1   011050RW01LN39193113W0944311520079N39174827W0944347131150 11810335300E00505701002

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCIK3SMCI  K3D               0   18018003125                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: KANSAS CITY INTL	I-DOT	ILS OR LOC RWY 1L, AMDT 14 10 MAR 2011	AMDT: 13 DATED: 09/25/2008

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
	BUM	BUM	010		IF		FB					
	BUM	CYPRE	020	IAF	TF		FB				AA 06000	
	BUM	DASHI	030		TF		FB				AA 05000	
	BUM	WMPOW	040		CF		FB		007.9()	003.0	AA 04000	
		WMPOW	010	FACF	IF		FB				AA 04000 GI 02600	
		MISSR	011	SDF	CF		FB		008.0()	003.0	AA 03000	
		JISAN	020	FAF	CF		FB		008.0()	001.2	GI 02600 GS 02600	
		RW01L	030	MAP	CF		FO		008.0()	004.8	AT 01069	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		007.9()		AA 02000	
		050		VI		FB		290.0()			
	BOWLR	060		CF		FO		309.4()	017.0	AA 04000	
	BOWLR	070		HM	R	FO		129.4()	T01.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BUM	N381619.58	W0942917.63	N3816.326	W09429.294
	MCI	N391707.02	W0944413.42	N3917.117	W09444.224
	IDOT (DME)	N391930.05	W0944308.31	N3919.501	W09443.139
	BOWLR	N393721.29	W0951100.26	N3937.355	W09511.004
	CYPRE	N390305.62	W0944801.79	N3903.094	W09448.030
	DASHI	N390556.66	W0944711.58	N3905.944	W09447.193
	JISAN	N391254.56	W0944508.60	N3912.909	W09445.143
	MISSR	N391146.82	W0944528.56	N3911.780	W09445.476
	WMPOW	N390850.35	W0944620.52	N3908.839	W09446.342
	RW01L	N391736.01	W0944345.54	N3917.600	W09443.759
	IDOT (LOC)	N391931.13	W0944311.52	N3919.519	W09443.192

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01L	01011	57

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1026 THRE: 1011	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
KANSAS CITY, MO	AIRPORT NAME: **KANSAS CITY INTL**	**I-DOT**	**ILS OR LOC RWY 1L, AMDT 14** 10 MAR 2011	AMDT: **13**
				DATED: **09/25/2008**

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.
MOUNTAIN VIEW, MO	MOUNTAIN VIEW	10 MAR 2011	4

TAKEOFF MINIMUMS:

RWY 10, STANDARD

RWY 28, STANDARD WITH MINIMUM CLIMB OF 570 FT PER NM TO 2100 OR 400-2 ¼ WITH MINIMUM CLIMB OF 373 FT PER NM TO 2100 OR 900-2 ½ FOR CLIMB IN VISUAL CONDITIONS.

TEXTUAL DEPARTURE PROCEDURES:

RWY 28 - FOR CLIMB IN VISUAL CONDITIONS CROSS MOUNTAIN VIEW AIRPORT AT OR ABOVE 1900 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 10, VEHICLE ON ROAD 1011 FT FROM DER, LEFT TO RIGHT OF CENTERLINE, UP TO 15 FT AGL/ 1174 FT MSL. STADIUM LIGHTS BEGINNING 762 FT FROM DER, 206 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1239 FT MSL. BUILDING 150 FT FROM DER, 521 FT LEFT OF CENTERLINE, 20 FT AGL/1159 FT MSL. TREES BEGINNING 336 FT FROM DER, 70 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1279 FT MSL.

NOTE: RWY 28, TREES BEGINNING 50 FT FROM DER, 126 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1239 FT MSL. POWERLINES BEGINNING 858 FT FROM DER, 208 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1299 FT MSL. TREES BEGINNING 191 FT FROM DER, 369 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1339 FT MSL. TREES BEGINNING 2043 FT FROM DER, 666 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1379 FT MSL. TOWER 1.7 NM FROM DER, 2174 FT LEFT OF CENTERLINE, 215 FT AGL/1531 FT MSL.

CONTROLLING OBSTACLES:

RWY 28: 1339 FT MSL TREE 365931.11N/0914350.70W, 1705 FT MSL TOWER 365929.00N/0914742.00W.

RWY 28 (VCOA): 1705 FT MSL TOWER 365929.00N/0914742.00W.

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WOSGI (IAF)	INUZA (NOPT) (FB)	005.62 / 21.99	3200
BUNKS (IAF)	INUZA (NOPT) (FB)	060.57 / 16.61	3200
INUZA (IF/IAF)	JINUX (FB)	018.78 / 5.01	2600
JINUX (FAF)	RW02 (MAP) (FO)	018.80 / 5.03	
RW02 (MAP)	1359 MSL	018.80	
1359 MSL	ZATUD (FO)		3100

MISSED APPROACH

LNAV: RW02

CLIMB TO 3100 DIRECT ZATUD AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 198.88 INBOUND.
CHART FAS OBST: 1380 TWR 375327N/0904454W
CHART SALEM MOA.
CHART LINDBERGH A MOA.
JINUX TO RW02: 3.00/40.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S INUZA, RT, 018.78 INBOUND, 3200 FT. IN LIEU OF PT (IAF)
3. FAC: 018.80 FAF: JINUX DIST FAF TO MAP: 5.03 THLD: 5.03
4. MIN. ALT: INUZA 3200, JINUX 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW02 3300

MAG VAR: 0E EPOCH YEAR: 2005

MINIMUMS

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

ALTERNATE: N A [X]

CATEGORY ====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1680	1	721	1680	1	721		NA			NA				
CIRCLING	1680	1	721	1680	1	721		NA			NA				

NOTES:
CHART NOTE: CIRCLING NA WEST OF RWY 2-20.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: USE FARMINGTON ALTIMETER SETTING, WHEN NOT RECEIVED, USE ROLLA NATIONAL ALTIMETER (SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 959	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 2, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
SETTING AND INCREASE ALL MDA 100 FEET; INCREASE LNAV CAT B AND CIRCLING CATS A/B VISIBILITY 1/4 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BUNKS ON V72-190 WESTBOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 959	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 2, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 08/30/2007

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
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   BUNKS K30    R   L N37374657W091062147                    E0000     NAR          BUNKS
          SUSAEAENRT   INUZA K30    W     N37455548W090480648                    W0003     NAR          INUZA
          SUSAEAENRT   JINUX K30    W     N37504057W090460423                    W0003     NAR          JINUX
          SUSAEAENRT   WOSGI K30    C   L N37240119W090504947                    W0002     NAR          WOSGI
          SUSAEAENRT   ZATUD K30    W     N38063479W090391293                    W0004     NAR          ZATUD

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 8WC K3A8WC     0     040YHN37560690W090444830E000000959         1800018000C    MNAR    WASHINGTON COUNTY

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 8WC K3FR02   ABUNKS 010BUNKSK3EA0E  A    IF                                          18000                B JS
          SUSAP 8WC K3FR02   ABUNKS 020INUZAK3EA0EE B 010TF                    06060166    + 03200                      B JS
          SUSAP 8WC K3FR02   AINUZA 010INUZAK3EA0EE AR   HF                    01880040    + 03200     18000            B JS
          SUSAP 8WC K3FR02   AWOSGI 010WOSGIK3EA0E  A    IF                                          18000            B JS
          SUSAP 8WC K3FR02   AWOSGI 020INUZAK3EA0EE B 010TF                    00560220    + 03200                      B JS
          SUSAP 8WC K3FR02   R      010INUZAK3EA0E  I    IF                                + 03200     18000            B JS
          SUSAP 8WC K3FR02   R      020JINUXK3EA1E  F 051TF                    01880050    + 02600                RW02  K3PGB JS
          SUSAP 8WC K3FR02   R      020JINUXK3EA2WN          N          ALNAV                                              JS
          SUSAP 8WC K3FR02   R      030RW02 K3PG0GY M 031TF                    01880050      00999           -300         B JS
          SUSAP 8WC K3FR02   R      040         0  M     CA                    0188        + 01359                      B JS
          SUSAP 8WC K3FR02   R      050ZATUDK3EA0EY       DF                              + 03100                      B JS
          SUSAP 8WC K3FR02   R      060ZATUDK3EA0EE  R    HM                    19890040    + 03100                      B JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 8WC K3GRW02    0040000188 N37552639W090440140-0300    +026290095900004006OR

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP 8WC K3SRW02 K3PG              0   18018003325                                                              M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 959	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 2, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 08/30/2007

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
GLASS	ODPOE (FB)	269.67 / 10.51	3100
DELMA	JULMA (FB)	076.63 / 9.20	3100
IMPER (IAF)	ZATUD (NOPT) (FB)	210.73 / 23.87	3100
ODPOE (IAF)	ZATUD (NOPT) (FB)	258.92 / 5.00	3100
JULMA (IAF)	ZATUD (NOPT) (FB)	138.82 / 5.00	3100
ZATUD (IF/IAF)	RUNPE (FB)	198.88 / 6.03	2600
RUNPE (FAF)	ZISAB/2.10 NM TO RW20 (FB)	198.85 / 2.97	
(SEE FORM 8260-10)			

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW20

CLIMB TO 3200 DIRECT INUZA AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD N ZATUD, RT, 198.88 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 198.85 FAF: RUNPE DIST FAF TO MAP: 5.07 THLD: 5.07
4. MIN. ALT: ZATUD 3100, RUNPE 2600, ZISAB/2.10 NM TO RW20 1640*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: RUNPE 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW20 3300

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 018.78 INBOUND.
CHART FAS OBST: 1059 TREE 375622N/0904255W
CHART LINDBERGH A MOA.
CHART SALEM MOA.
DISTANCE TO THLD FROM 295 HATH: 0.80 NM.
WAAS CHANNEL # 86721
REFERENCE PATH ID: W20A
LTP HAE: 258.9 M

MAG VAR: 0E EPOCH YEAR: 2005

MINIMUMS

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

CATEGORY ======>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1241	1	295	1241	1	295		NA			NA				
LNAV/VNAV DA	1266	1 1/8	320	1266	1 1/8	320		NA			NA				
LNAV MDA	1360	1	414	1360	1	414		NA			NA				
CIRCLING	1580	1	621	1600	1	641		NA			NA				

NOTES:
CHART NOTE: BARO-VNAV NA.
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
CHART NOTE: USE FARMINGTON ALTIMETER SETTING, WHEN NOT RECEIVED, USE ROLLA NATIONAL ALTIMETER
(SEE FORM 8260-10)

SURVEYOR CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 946 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1 10 MAR 2011	AMDT: ORIG-A DATED 08/30/2007

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZISAB/2.10 NM TO RW20	RW20 (MAP) (FO)	198.84 / 2.10	
RW20 (MAP)	1241 MSL	198.8	
1241 MSL	INUZA (FO)		3200

NOTES, (CONT.):
SETTING AND INCREASE ALL DA/MDA 100 FEET; INCREASE LPV CATS A/B VISIBILITY 3/8 MILE AND INCREASE LNAV/VNAV CATS A/B VISIBILITY 1/4 MILE.
CHART NOTE: CIRCLING NA WEST OF RWY 2-20.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 946	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				DATED: 08/30/2007

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	8WC
RUNWAY	RW20
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W20A
LTP/FTP LATITUDE	375603.8190N
LTP/FTP LONGITUDE	0904345.2890W
LTP/FTP ELLIPSOIDAL HEIGHT	+02589
FPAP LATITUDE	375439.3900N
FPAP LONGITUDE	0904421.6300W
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	52DD8C02

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+02884
FPAP ORTHOMETRIC HEIGHT	+02884

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 946	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				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 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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DELMA K30    C   L N38081382W090544413                    W0002     NAR          DELMA
        SUSAEAENRT   GLASS K30    R   L N38073709W090194053                    W0007     NAR          GLASS
        SUSAEAENRT   IMPER K30    C   L N38270811W090234562                    W0007     NAR          IMPER
        SUSAEAENRT   INUZA K30    W     N37455548W090480648                    W0003     NAR          INUZA
        SUSAEAENRT   JULMA K30    W     N38102099W090432333                    W0004     NAR          JULMA
        SUSAEAENRT   ODPOE K30    W     N38073266W090330004                    W0005     NAR          ODPOE
        SUSAEAENRT   RUNPE K30    W     N38005192W090414110                    W0004     NAR          RUNPE
        SUSAEAENRT   ZATUD K30    W     N38063479W090391293                    W0004     NAR          ZATUD
        SUSAEAENRT   ZISAB K30    W     N37580321W090425386                    W0004     NAR          ZISAB
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                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 8WC K3A8WC     0     040YHN37560690W090444830E000000959        1800018000C    MNAR    WASHINGTON COUNTY
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                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP 8WC K3FR20   ADELMA 010DELMAK3EA0E       IF                                          18000                A JS
        SUSAP 8WC K3FR20   ADELMA 020JULMAK3EA0E  A 010TF                   07660092    + 03100                          A JS
        SUSAP 8WC K3FR20   ADELMA 030ZATUDK3EA0EE B 010TF                   13880050    + 03100                          A JS
        SUSAP 8WC K3FR20   AGLASS 010GLASSK3EA0E       IF                                          18000                A JS
        SUSAP 8WC K3FR20   AGLASS 020ODPOEK3EA0E  A 010TF                   26970105    + 03100                          A JS
        SUSAP 8WC K3FR20   AGLASS 030ZATUDK3EA0EE B 010TF                   25890050    + 03100                          A JS
        SUSAP 8WC K3FR20   AIMPER 010IMPERK3EA0E  A    IF                                          18000                A JS
        SUSAP 8WC K3FR20   AIMPER 020ZATUDK3EA0EE B 010TF                   21070239    + 03100                          A JS
        SUSAP 8WC K3FR20   AZATUD 010ZATUDK3EA0EE AR   HF                   19890040    + 03100     18000                A JS
        SUSAP 8WC K3FR20   R      010ZATUDK3EA0E  I    IF                               + 03100     18000                A JS
        SUSAP 8WC K3FR20   R      020RUNPEK3EA1E  F 051TF                   19890060    + 02600                 RW20  K3PGA JS
        SUSAP 8WC K3FR20   R      020RUNPEK3EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP 8WC K3FR20   R      021ZISABK3EA0E S  031TF                   19890030    V 0164001655        -300         A JS
        SUSAP 8WC K3FR20   R      030RW20 K3PG0GY M 031TF                   19880021      00986             -300         A JS
        SUSAP 8WC K3FR20   R      040         0  M     CA                   1988        + 01241                          A JS
        SUSAP 8WC K3FR20   R      050INUZAK3EA0EY      DF                               + 03200                          A JS
        SUSAP 8WC K3FR20   R      060INUZAK3EA0EE  R   HM                   01880040    + 03200                          A JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 946	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1 10 MAR 2011	AMDT: ORIG-A 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 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 8WC K3GRW20     0040001988 N37560382W090434529+0300     +025890094600004006OR

            1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP 8WC K3PR20    RW20 001 0000W20A0N3756038190W09043452890+025890300N3754393900W090442163001067515280004O0F40050052DD8C02
~       SUSAP 8WC K3PR20    RW20 002E      +02884+02884LPV       86721

            1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP 8WC K3SRW20 K3PG               0   18018003325                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 959 THRE: 946	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
POTOSI, MO	AIRPORT NAME: WASHINGTON COUNTY	RNAV	RNAV (GPS) RWY 20, AMDT 1 10 MAR 2011	AMDT: ORIG-A
				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, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
ILM VORTAC	AIRLI LOM	184.60 / 9.61	1900

MISSED APPROACH

ILS: DA
LOC: 4.70 MILES AFTER AIRLI LOM

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 1800 DIRECT AIRLI LOM AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1800 DIRECT WILZE LOM AND HOLD. (ADF REQUIRED)

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S AIRLI LOM, RT, 346.23 INBOUND, 1800 FT. IN LIEU OF PT (IAF)
3. FAC: 346.23 FAF: AIRLI LOM DIST FAF TO MAP: 4.70 THLD: 4.70
4. MIN. ALT: AIRLI LOM 1700
5. DIST TO THLD FROM OM: 4.70 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 640
6. MIN GS INCPT: 1700 GS ALT AT:- OM: 1576 MM: - IM: -
7. GS ANGLE: 3.00 TCH:37.1
8. MSA FROM: IL LOM 3100

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE WILZE LOM, LT, 235.36 INBOUND.
FAS OBST: 245 AAO 341237N/0775250W
CHART: ASR.
CHART IN PLANVIEW: WILZE LOM.
CHART IN PLANVIEW: (ZUDRU) 340909.33N/0775101.65W.
CHART 136 CTLR TWR 341556N/0775357W.

MAG VAR: 7W EPOCH YEAR: 1985

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 35	* 231	2400	209	* 231	2400	209	* 231	2400	209	* 231	2400	209			
S-LOC 35	500	2400	478	500	2400	478	500	5000	478	500	5000	478			
CIRCLING	560	1	528	560	1	528	560	1 1/2	528	640	2	608			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: * RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CAT D 700-2
#@ NA WHEN CONTROL TOWER CLOSED.

CITY AND STATE	ELEVATION: 32 THRE: 22	FACILITY IDENTIFIER: I-ILM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WILMINGTON, NC	AIRPORT NAME: WILMINGTON INTL		ILS OR LOC RWY 35, AMDT 21	AMDT: 20E
			10 MAR 2011	DATED 04/10/2008

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        ILM   K7011700VTH  N34210596W077522776    N34210596W077522776W0070000202     NARWILMINGTON

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AIRLI K70          N34112704W077520443                      W0091     NAR           AIRLI LOM
        SUSAEAENRT   ZUDRU K70    W     N34090933W077510165                      W0092     NAR           CNF(ZUDRU)

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILMK7AILM     0     080YHN34161420W077540920W007000032         1800018000C    MNAR    WILMINGTON INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILMK7FI35   AILM   010ILM  K7D 0V       IF                                          18000                  0 NS
        SUSAP KILMK7FI35   AILM   020IL   K7PN0NY      TF                                  + 01900                        0 NS
        SUSAP KILMK7FI35   AILM   030IL   K7PN0NE AR   HF ILM K7      184600963462T010D   + 01800                        0 NS
        SUSAP KILMK7FI35   I      010ZUDRUK7EA0E  I    IF IILMK7      16620085        PI  J 018000170018000                0 NS
        SUSAP KILMK7FI35   I      020AIRLIK7EA0E  F    CF IILMK7      1662006134600025PI  H 0170001576        -300IL    K7PN0 NS
        SUSAP KILMK7FI35   I      030RW35 K7PG0GY M    CF IILMK7      1662001434600047PI    00060             -300          0 NS
        SUSAP KILMK7FI35   I      040         0  M     CA                     3462        + 00600                        0 NS
        SUSAP KILMK7FI35   I      050IL   K7PN0NY  L   DF                                  + 01800                        0 NS
        SUSAP KILMK7FI35   I      060IL   K7PN0NE  R   HM                     3462T010    + 01800                        0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILMK7GRW35    0070043462 N34155125W077540501+0200    -0030000022040037150IIILM1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILMK7IIILM1   011030RW35 N34170758W0775439903462N34155858W0775403261650 06400486300W00703700022

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KILMK7SIL   K7PN                0   18018003125                                                                  M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 32 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, NC	AIRPORT NAME: WILMINGTON INTL	I-ILM	ILS OR LOC RWY 35, AMDT 21	AMDT: 20E
			10 MAR 2011	DATED: 04/10/2008

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

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAPNKILMK7 IL    K7002810HOLW N34112884W077515871                    W0070          NARAIRLI
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 32 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, NC	AIRPORT NAME: WILMINGTON INTL	I-ILM	ILS OR LOC RWY 35, AMDT 21 10 MAR 2011	AMDT: 20E DATED: 04/10/2008

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
	ILM	ILM	010		IF		FB					
	ILM	IL	020		TF		FO				AA 01900	
	ILM	IL	030	IAF	HF	R	FO		346.2()	T01.0	AA 01800	
		ZUDRU	010	FACF	IF		FB				AA 01800 GI 01700	
		AIRLI	020	FAF	CF		FB		346.0()	002.5	GI 01700 GS 01576	
		RW35	030	MAP	CF		FO		346.0()	004.7	AT 00060	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		346.2()		AA 00600	
	IL	050		DF	L	FO				AA 01800	
	IL	060		HM	R	FO		346.2()	T01.0	AA 01800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ILM	N342105.96	W0775227.76	N3421.099	W07752.463
	AIRLI	N341127.04	W0775204.43	N3411.451	W07752.074
	ZUDRU	N340909.33	W0775101.65	N3409.156	W07751.028
	RW35	N341551.25	W0775405.01	N3415.854	W07754.084
	IILM (LOC)	N341707.58	W0775439.90	N3417.126	W07754.665
	IL	N341128.84	W0775158.71	N3411.481	W07751.979

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW35	00022	37

QUALITY CHECKED

CITY AND STATE	ELEVATION: 32 THRE: 22	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
WILMINGTON, NC	AIRPORT NAME: **WILMINGTON INTL**	**I-ILM**	**ILS OR LOC RWY 35, AMDT 21**	AMDT: **20E**
			10 MAR 2011	DATED: **04/10/2008**

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.
BISMARCK, ND	BISMARCK MUNI	10 MAR 2011	8

TAKEOFF MINIMUMS:

RWY 3, 13, 21, 31, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 13, CLIMB HEADING 130.58 TO 2400 BEFORE TURNING RIGHT.
RWY 21, CLIMB HEADING 212.04 TO 3700 BEFORE TURNING LEFT.
RWY 31, CLIMB HEADING 310.60 TO 2200 BEFORE TURNING RIGHT.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 13, TREES AND POLE BEGINNING 864 FT FROM DER, 721 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/1696 FT MSL.
NOTE: RWY 31, LIGHT POLE 1424 FT FROM DER, 872 FT RIGHT OF CENTERLINE, 43 FT AGL/1702 FT MSL.

CONTROLLING OBSTACLES:

RWY 13: 3373 FT MSL TOWER 463620.00N/1004827.00W
RWY 21: 3373 FT MSL TOWER 463620.00N/1004827.00W
RWY 31: 2146 FT MSL TOWER 464938.09N/1004630.17W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 13 – 3373 FT MSL TOWER 463620.00N/1004827.00W, 3424 FT MSL TOWER 463523.00N/1004821.00W
RWY 21 – 3373 FT MSL TOWER 463620.00N/1004827.00W, 3424 FT MSL TOWER 463523.00N/1004821.00W, 3308 FT MSL TOWER 463523.00N/1004803.00W
RWY 31 – 2146 FT MSL TOWER 464938.09N/1004630.17W, 2049 FT MSL BLDG 464915.00N/1004657.00W, 2089 FT MSL TOWER 464932.00N/1004607.00W

QUALITY 2 CHECKED

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: 3.09 MILES AFTER BML VOR/DME

CLIMB TO 3100 ON BML VOR/DME R-192 THEN CLIMBING RIGHT TURN TO 6000 DIRECT BML VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

ADDITIONAL FLIGHT DATA:

HOLD NE, LT, 210.00 INBOUND.
CHART FAS OBST: 1799 TREE 443736N/0711232W
FAC 620L OF RWY C/L
CHART: MAX 10000 AT BML VOR/DME

1. PT **R** SIDE OF COURSE **030.00** OUTBOUND **4400** FT WITHIN **10** MILES OF **BML VOR/DME** (IAF)
2.
3. FAC **189.84** FAF **BML VOR/DME** DIST FAF TO MAP **3.09** THLD
4. MIN. ALT **BML VOR/DME 3100**
8. MSA FROM: **BML VOR/DME 090-180 6600, 180-270 7500, 270-090 5400**

MAG VAR: **17W** 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	2180	1 1/4	1019	2280	1 1/2	1119	2280	3	1119	2360	3	1199			

NOTES:

CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1161 TDZE: / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BERLIN, NH	**BERLIN RGNL**	**BML**	**VOR-B, AMDT 3** 10 MAR 2011	AMDT **2B** / DATE **09/23/2010**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
LIMPS INT	FULER LOM	005.50 / 14.60	2700

MISSED APPROACH

ILS: DA
LOC: 5.37 MILES AFTER FULER LOM

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT FULER LOM AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT APE VORTAC AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, LT, 092.07 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE APE VORTAC, RT, 235.00 INBOUND.
FAS OBST: 1159 AAO 400402N/0831016W
CHART IN PLANVIEW: APE VORTAC.
CHART IN PLANVIEW: (IKMUJ) AT 400401.51N-0831950.58W

1. PT R SIDE OF COURSE 272.07 OUTBOUND 2700 FT WITHIN 10 MILES OF FULER LOM (IAF)
2.
3. FAC: 092.07 FAF: FULER LOM DIST FAF TO MAP: 5.37 THLD: 5.37
4. MIN. ALT: *FULER LOM 2700*
5. DIST TO THLD FROM OM: 5.37 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 910
6. MIN GS INCPT: 2700 GS ALT AT: - OM: 2688 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 51.0
8. MSA FROM: OS LOM 3100

MAG VAR: 5W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY ======>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 9R	1101	1/2	200	1101	1/2	200	1101	1/2	200	1101	1/2	200			
S-LOC 9R	1420	1/2	519	1420	1/2	519	1420	1	519	1420	1	519			
CIRCLING	1420	1	515	1420	1	515	1420	1 1/2	515	1460	2	555			

NOTES:
CHART NOTE: ADF REQUIRED.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORT COLUMBUS ALTIMETER SETTING AND INCREASE ALL DA 35 FEET AND ALL MDA 40 FEET. INCREASE S-LOC 9R CAT C/D AND CIRCLING CAT C VISIBILITY 1/8 MILE.

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 905 THRE: 901 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COLUMBUS, OH	OHIO STATE UNIVERSITY	I-OSU	ILS OR LOC RWY 9R, AMDT 5 10 MAR 2011	AMDT: 4B DATED 05/09/2006

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

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAD        APE   K5011670VTHA N40090382W082351788    N40090382W082351788W0060013502     NARAPPLETON

          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   FULER K50    R   L N40042106W083115273                    W0067     NAR           FULER LOM
          SUSAEAENRT   IKMUJ K50    W     N40040151W083195058                    W0066     NAR           CNF(IKMUJ)
          SUSAEAENRT   LIMPS K50    C   L N39494822W083120300                    W0066     NAR           LIMPS

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOSUK5AOSU     0      050YHN40044720W083042290W005000905         1800018000C    MNAR    OHIO STATE UNIVERSITY

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOSUK5FI09R  ALIMPS 010LIMPSK5EA0E      IF                                          18000                0 NS
          SUSAP KOSUK5FI09R  ALIMPS 020OS   K5PN0N      TF                                  + 02700                      0 NS
          SUSAP KOSUK5FI09R  ALIMPS 030OS   K5PN0NE AL  PI APE K5      2668028531710100D   + 02700                      0 NS
          SUSAP KOSUK5FI09R  I      010IKMUJK5EA0E  I   IF IOSUK5      27210125        PI  J 027000270018000              0 NS
          SUSAP KOSUK5FI09R  I      020FULERK5EA0E  F   CF IOSUK5      2721006409200061PI  H 0270002688       -300OS    K5PN0 NS
          SUSAP KOSUK5FI09R  I      030RW09RK5PG0GY M   CF IOSUK5      2721001009200054PI    00952            -300         0 NS
          SUSAP KOSUK5FI09R  I      040          0  M   CA                    0921          + 02000                      0 NS
          SUSAP KOSUK5FI09R  I      050OS   K5PN0NY  L  DF                                  + 03000                      0 NS
          SUSAP KOSUK5FI09R  I      060OS   K5PN0NE  L  HM                    0921T010      + 03000                      0 NS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOSUK5GRW09R   0050040921 N40043774W083045378-0200    +024100090100005110OIIOSU1

          1         2         3         4         5         6         7         8         9         0         1         2         3
ILS       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOSUK5IIOSU1   010850RW09RN40044077W083033639092 1N40044214W0830442351020 09100600300W00505100903

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KOSUK5SOS   K5PN              0   18018003125                                                              M
```

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 905 THRE: 901	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COLUMBUS, OH	AIRPORT NAME: **OHIO STATE UNIVERSITY**	**I-OSU**	**ILS OR LOC RWY 9R, AMDT 5** 10 MAR 2011	AMDT: **4B**
				DATED: **05/09/2006**

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```
                  1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
         ------------------------------------------------------------------------------------------------------------------------------
         SUSAPNKOSUK5 OS     K5005150HOMW N40042510W083115301                    W0050          NARFULER
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 905 THRE: 901	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COLUMBUS, OH	AIRPORT NAME: OHIO STATE UNIVERSITY	I-OSU	ILS OR LOC RWY 9R, AMDT 5 10 MAR 2011	AMDT: 4B DATED: 05/09/2006

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
	LIMPS	LIMPS	010		IF		FB					
	LIMPS	OS	020		TF		FB				AA 02700	
	LIMPS	OS	030	IAF	PI	L	FB		317.1()	010.0	AA 02700	
		IKMUJ	010	FACF	IF		FB				AA 02700 GI 02700	
		FULER	020	FAF	CF		FB		092.0()	006.1	GI 02700 GS 02688	
		RW09R	030	MAP	CF		FO		092.0()	005.4	AT 00952	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		092.1()		AA 02000	
	OS	050		DF	L	FO				AA 03000	
	OS	060		HM	L	FO		092.1()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	APE	N400903.82	W0823517.88	N4009.064	W08235.298
	FULER	N400421.06	W0831152.73	N4004.351	W08311.879
	IKMUJ	N400401.51	W0831950.58	N4004.025	W08319.843
	LIMPS	N394948.22	W0831203.00	N3949.804	W08312.050
	RW09R	N400437.74	W0830453.78	N4004.629	W08304.896
	IOSU (LOC)	N400440.77	W0830336.39	N4004.680	W08303.607
	OS	N400425.10	W0831153.01	N4004.418	W08311.884

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09R	00901	51

CITY AND STATE	ELEVATION: 905 THRE: 901	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
COLUMBUS, OH	AIRPORT NAME: **OHIO STATE UNIVERSITY**	**I-OSU**	**ILS OR LOC RWY 9R, AMDT 5** 10 MAR 2011	AMDT: **4B**
				DATED: **05/09/2006**

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.
BUTLER CO RGNL	HAMILTON, OH	10 MAR 2011	4

TAKEOFF MINIMUMS:

RWY 11, 800 – 3 OR STANDARD WITH MINIMUM CLIMB OF 240 FEET PER NM TO 1700.

RWY 29, 300 – 1 OR STANDARD WITH MINIMUM CLIMB OF 480 FEET PER NM TO 900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 11 - CLIMB HEADING 115.38 TO 1700 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 11, TREES BEGINNING 940 FT FROM DER, 129 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/ 717 FT MSL. POLES BEGINNING 2963 FT FROM DER, 168 FT LEFT OF CENTERLINE, UP TO 61 FT AGL/711 FT MSL.

NOTE: RWY 29, BUSH 155 FT FROM DER, 277 FT RIGHT OF CENTERLINE, 7 FT AGL/641 FT MSL. BLDG 533 FT FROM DER, 375 FT LEFT OF CENTERLINE, 37 FT AGL/657 FT MSL. ANTENNA 748 FT FROM DER, 526 FT LEFT OF CENTERLINE, 61 FT AGL/690 FT MSL. TREES BEGINNING 964 FT FROM DER, 104 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/814 FT MSL. TREES BEGINNING 1123 FT FROM DER, 59 FT LEFT OF CENTERLINE, UP TO 69 FT AGL/721 FT MSL. VEHICLE ON ROAD 1947 FT FROM DER, 418 FT RIGHT OF CENTERLINE, 15 FT AGL/703 FT MSL. POLE 2218 FT FROM DER, 421 FT RIGHT OF CENTERLINE, 12 FT AGL/721 FT MSL. BLDGS BEGINNING 2283 FT FROM DER, 479 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/724 FT MSL.

CONTROLLING OBSTACLES:

RWY 11: 1358 FT MSL TOWER 392111.21N/0842500.79W.

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT:
RWY 11 - 1358 FT MSL TOWER 392111.21N/0842500.79W.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

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City, State	Airport	Effective Date	Amdt. No.
TULSA, OK	RICHARD LLOYD JONES JR	10 MAR 2011	7

TAKEOFF MINIMUMS:

RWY 1L, 1R, 13, 19L, 19R, STANDARD
RWY 31, 400-2 ¼ OR 300-1 WITH MINIMUM CLIMB OF 315FT PER NM TO 1100 OR STANDARD WITH MINIMUM CLIMB OF 610FT PER NM TO 900.

TEXTUAL DEPARTURE PROCEDURES:

RWY 1L, 1R – CLIMB HEADING 007.34 TO 1500 BEFORE PROCEEDING ON COURSE.
RWY 13 – CLIMB HEADING 127.05 TO 1500 BEFORE PROCEEDING ON COURSE.
RWY 19L, 19R – CLIMB HEADING 187.34 TO 1500 BEFORE PROCEEDING ON COURSE.
RWY 31 – CLIMB HEADING 292.05 TO 2400 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 1L, RAILROAD 397FT FROM DER, 594FT RIGHT OF CENTERLINE, 23FT AGL/652FT MSL. TREE 1492FT FROM DER, 626FT RIGHT OF CENTERLINE, 80FT AGL/700FT MSL.
NOTE: RWY 1R, RAILROAD 162FT FROM DER, 105FT RIGHT OF CENTERLINE, 23FT AGL/652FT MSL. MULTIPLE TREES AND POLES BEGINNING 250FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 80FT AGL/700FT MSL. VEHICLE ON ROAD 521FT FROM DER, 159FT RIGHT OF CENTERLINE, 15FT AGL/644FT MSL.
NOTE: RWY 13, BUILDING 716FT FROM DER, 513FT RIGHT OF CENTERLINE, 25FT AGL/641FT MSL. RAILROAD 902FT FROM DER, 725FT LEFT OF CENTERLINE, 23FT AGL/642FT MSL. TREES BEGINNING 1960FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100FT AGL/709FT MSL.
NOTE: RWY 19L, VEHICLES ON ROAD BEGINNING 516FT FROM DER, 282FT LEFT OF CENTERLINE, UP TO 15FT AGL/644FT MSL. TREES BEGINNING 790FT FROM DER, 310FT LEFT OF CENTERLINE, UP TO 73FT AGL/683FT MSL.
NOTE: RWY 19R, VEHICLES ON ROAD 333FT FROM DER, 563FT LEFT OF CENTERLINE, UP TO 15FT AGL/634FT MSL. TREE 2247FT FROM DER, 1019FT LEFT OF CENTERLINE, 65FT AGL/685FT MSL.
NOTE: RWY 31, HANGAR 506FT FROM DER, 344FT RIGHT OF CENTERLINE, 20FT AGL/640FT MSL. TREES BEGINNING 1372FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100FT AGL/799FT MSL. TRANSMISSION TOWERS BEGINNING 2731FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 117FT AGL/853FT MSL. MULTIPLE TANKS, TOWERS AND TREES BEGINNING 1.2NM FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100FT AGL/939FT MSL.

CONTROLLING OBSTACLES:

RWY 1L, 1R, 13, 19L, 19R: 1323FT MSL BUILDING 360235.00N/0955714.00W
RWY 31: 799FT MSL TREE 360231.75N/0955945.20W, 939FT MSL TREE 360319.18N/0960031.42W, 909FT MSL TREE 360402.10N/0960029.25W,
792FT MSL T-L TOWER 360248.18N/0960009.56W, 799FT MSL TREE 360243.53N/0955947.04W , 2296FT MSL TOWER 361146.49N/0960552.96W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 1L, 1R, 13, 19L, 19R – 1323FT MSL BUILDING 360235.00N/0955714.00W
RWY 31 – 2296FT MSL TOWER 361146.49N/0960552.96W

QUALITY CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WIPLO (IAF)	VECUC (FB)	061.22 / 12.26	8000
JONWE (IAF)	VECUC (FB)	140.68 / 13.73	8000
VECUC (IF)	UDEYI (FB)	090.42 / 4.11	6800
UDEYI	JUVUL (FB)	090.48 / 2.02	6300
JUVUL	(WIXOX) (MAP) (FO)	090.51 / 7.07	
(WIXOX) (MAP)	4103 MSL	090.51	
4103 MSL	YERPU (FB)		
YERPU	OXVEN (FO)	057.43 / 39.89	12000

MISSED APPROACH

LPV: (WIXOX)

CLIMB TO 12000 DIRECT YERPU AND ON TRACK 057.43 TO OXVEN AND HOLD, CONTINUE CLIMB-IN-HOLD TO 12000.

ADDITIONAL FLIGHT DATA:

HOLD E, LT, 275.00 INBOUND.
DISTANCE TO THLD FROM 600 HAT: 1.57 NM.
WAAS CHANNEL # 73010
REFERENCE PATH ID: W09A
CHART: FINAL APPROACH COURSE OFFSET 2.2 DEGREES.
CHART: (WIXOX) AT 442417.30N/1185848.45W
FAC CROSSES RWY C/L EXTENDED 8304 FROM THLD.
LTP HAE: 1093.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT VECUC
3. FAC: 090.51 FAF: ____ DIST FAF TO MAP: ____ THLD: ____
4. MIN. ALT: VECUC 8000, UDEYI 6800, JUVUL 6300
5. DIST TO THLD FROM OM: 7.07 MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 6300 GS ALT AT: JUVUL 6300 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.40 TCH: 54.0 34:1 IS NOT CLEAR
8. MSA FROM: *(WIXOX) 10300*

MAG VAR: 17E 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	4269	2	600	4269	2	600	4269	2	600		NA				

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3703 TDZE: 3669 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
JOHN DAY, OR	GRANT CO RGNL/OGILVIE FIELD	RNAV	RNAV (GPS) Z RWY 9, ORIG-A 10 MAR 2011	AMDT: ORIG DATED 10/22/2009

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGCD
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Z
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	442417.3000N
LTP/FTP LONGITUDE	1185848.4500W
LTP/FTP ELLIPSOIDAL HEIGHT	+10936
FPAP LATITUDE	442350.3100N
FPAP LONGITUDE	1185650.0100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.40
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5BCB71F8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+11118
FPAP ORTHOMETRIC HEIGHT	+11118

QUALITY CHECKED

CITY AND STATE	ELEVATION: 3703 TDZE: 3669	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JOHN DAY, OR	AIRPORT NAME: GRANT CO RGNL/OGILVIE FIELD	RNAV	RNAV (GPS) Z RWY 9, ORIG-A 10 MAR 2011	AMDT: ORIG
				DATED: 10/22/2009

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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   JONWE K10    C   L N44405778W119233947                    E0153    NAR          JONWE                    I
        SUSAEAENRT   JUVUL K10    W     N44262540W119081312                    E0152    NAR          JUVUL                    I
        SUSAEAENRT   OXVEN K10    W   L N44342595W118032945                    E0150    NAR          OXVEN                    I
        SUSAEAENRT   UDEYI K10    W     N44270175W119105413                    E0152    NAR          UDEYI                    I
        SUSAEAENRT   VECUC K10    W     N44281569W119162261                    E0153    NAR          VECUC                    I
        SUSAEAENRT   WIPLO K10    C   L N44254674W119330812                    E0153    NAR          WIPLO                    I
        SUSAEAENRT   WIXOX K10    W     N44241730W118584845                    E0152    NAR          CNF(WIXOX)               I
        SUSAEAENRT   YERPU K10    W     N44235604W118571513                    E0152    NAR          YERPU                    I

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGCDK1AGCD      0     052YHN44241032W118580438E017003703         1800018000C    MNAR    GRANT CO RGNL/OGILVIE FIELD   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGCDK1FR09-Z AJONWE 010JONWEK1EA0E  A    IF                                          18000                A JS   I
        SUSAP KGCDK1FR09-Z AJONWE 020VECUCK1EA0EE B 010TF                    14070137    + 08000                      A JS   I
        SUSAP KGCDK1FR09-Z AWIPLO 010WIPLOK1EA0E  A    IF                                          18000                A JS   I
        SUSAP KGCDK1FR09-Z AWIPLO 020VECUCK1EA0EE B 010TF                    06120123    + 08000                      A JS   I
        SUSAP KGCDK1FR09-Z R      010VECUCK1EA0E  I    IF                                + 08000   18000                A JS   I
        SUSAP KGCDK1FR09-Z R      011UDEYIK1EA0E S  051TF                    09040041    + 06800                      A JS   I
        SUSAP KGCDK1FR09-Z R      020JUVULK1EA1E  F 051TF                    09050020    + 06300          WIXOX K1EAA JS   I
        SUSAP KGCDK1FR09-Z R      020JUVULK1EA2WALPV      N         N                                                  JS   I
        SUSAP KGCDK1FR09-Z R      030WIXOXK1EA0EY M 031TF                    09050071      03702          -340        A JS   I
        SUSAP KGCDK1FR09-Z R      040         0  M     CA                    0905        + 04103                      A JS   I
        SUSAP KGCDK1FR09-Z R      050YERPUK1EA0E        DF                                                         A JS   I
        SUSAP KGCDK1FR09-Z R      060OXVENK1EA0EY   010TF                    0574        + 12000                      A JS   I
        SUSAP KGCDK1FR09-Z R      070OXVENK1EA0EE  L   HM                    27500070    + 12000                      A JS   I

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGCDK1GRW09     0044710928 N44241429W118584987+1100     +1093603648000054060R                                    I
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 3703 TDZE: 3669	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JOHN DAY, OR	AIRPORT NAME: GRANT CO RGNL/OGILVIE FIELD	RNAV	RNAV (GPS) Z RWY 9, ORIG-A 10 MAR 2011	AMDT: ORIG
				DATED: 10/22/2009

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                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGCDK1PR09-Z RW09 001Z0000W09A0N4424173000W11858484500+109360340N4423503100W11856500100106750000000540F4005005BCB71F8I
        SUSAP KGCDK1PR09-Z RW09 002E      +11118+11118LPV       73010                                                                          I

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KGCDK1SWIXOXK1EA               0   18018010325                                                                        M   I
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 3703 TDZE: 3669	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JOHN DAY, OR	AIRPORT NAME: GRANT CO RGNL/OGILVIE FIELD	RNAV	RNAV (GPS) Z RWY 9, ORIG-A 10 MAR 2011	AMDT: ORIG
				DATED: 10/22/2009

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.
Rapid City, SD	RAPID CITY RGNL	10 MAR 2011	7

TAKEOFF MINIMUMS:

RWY 5, 14, 23, 32 STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 5, CLIMB ON HEADING BETWEEN 255 CW TO 210 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 240 FEET PER NM TO 8800 FOR ALL OTHER COURSES
RWY 14, CLIMB ON HEADING BETWEEN 325 CW TO 210 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 245 FEET PER NM TO 8900 FOR ALL OTHER COURSES
RWY 23, CLIMB ON HEADING BETWEEN 210 CCW TO 055 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 245 FEET PER NM TO 8900 FOR ALL OTHER COURSES
RWY 32, CLIMB HEADING 323.83 TO 3700 FOR COURSES BETWEEN 255 CW TO 140 FROM DEPARTURE END OF RUNWAY, OR MINIMUM CLIMB OF 244 FEET PER NM TO 8800 FOR ALL OTHER COURSES

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 5, FENCE 132 FT FROM DER, 249 FT LEFT OF CENTERLINE, UP TO 13 FT AGL/3215 FT MSL. TREES BEGINNING 16 FT FROM DER, 188 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/3234 FT MSL. TREES BEGINNING 11 FT FROM DER, 111 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/3234 FT MSL.
NOTE: RWY 14, TREES BEGINNING 136 FT FROM DER, 123 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/3174 FT MSL. TREES BEGININNG 33 FT FROM DER, 229 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/3164 FT MSL.
NOTE: RWY 23, VEHICLE ON ROAD 36 FT FROM DER, 121 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/3175 FT MSL. HANGER 201 FT FROM DER, 298 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/3193 FT MSL. FENCE 333 FT FROM DER, 255 FT RIGHT OF CENTERLINE, UP TO 14 FT AGL/3184 FT MSL. TREES BEGINNING 199 FT FROM DER, 175 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/3194 FT MSL. TREES BEGINNING 158 FT FROM DER, 159 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/3194 FT MSL.
NOTE: RWY 32, FENCE 1001 FT FROM DER, 750 FT RIGHT OF CENTERLINE, UP TO 13 FT AGL/3233 FT MSL. OBSTRUCTION LIGHT 661 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 43 FT AGL/3213 FT MSL. TREES BEGINNING 31 FT FROM DER, 262 FT RIGHT OF CENTERLINE, UP TO 25 FT AGL/3254 FT MSL. TREES BEGINNING 61 FT FROM DER, 146 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/3204 FT MSL.

CONTROLLING OBSTACLES:

RWY 5, 14, 23: 7442 FT MSL AAO 435159.70N/1033150.80W
RWY 32: 3520 FT MSL TOWER 440506.00N/1030423.00W, 7442 FT MSL AAO 435159.70N/1033150.80W

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.
ANAHUAC, TX	CHAMBERS COUNTY	10 MAR 2011	ORIG

TAKEOFF MINIMUMS:

RWY 17, 35: NA-ENVIRONMENTAL.
RWY 12, 30: STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 12, VEHICLES ON ROADWAY BEGINNING 19 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/34 FT MSL. TREES BEGINNING 986 FT FROM DER, 732 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/119 FT MSL.
NOTE: RWY 30, TREES BEGINNING 60 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/124 FT MSL. VEHICLES ON ROADWAY 121 FT FROM DER, 512 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/36 FT MSL. TOWER 2152 FT FROM DER, 593 FT RIGHT OF CENTERLINE 60 FT AGL/83 FT MSL.

CONTROLLING OBSTACLES:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

GPS OR RNAV 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				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 10 MAR 2011

QUALITY 6 CHECKED

CITY AND STATE	ELEVATION: 22 TDZE: 20	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
BROWNSVILLE, TX	AIRPORT NAME: BROWNSVILLE/SOUTH PADRE ISLAND INTL	BRO	VOR/DME RNAV OR GPS RWY 17, AMDT 3A, 03/12/2002	AMDT 3
				DATE 04/22/1991

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.
COLEMAN, TX	COLEMAN MUNI	10 MAR 2011	ORIG

TAKEOFF MINIMUMS:

RWY 15, 33 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 15, TREES BEGINNING 792 FT FROM DER, 67 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1774 FT MSL.

NOTE: RWY 33, CRANES BEGINNING 1010 FT FROM DER, 28 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1774 FT MSL. CRANES BEGINNING 2285 FT FROM DER, 13 FT RIGHT OF CENTERLINE, UP TO 65 FT AGL/1774 FT MSL.

CONTROLLING OBSTACLES:

QUALITY
&
CHECKED

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WADES (IF)	LOVSY (FB)	129.52 / 8.71	1900
LOVSY (FAF)	RW13L (MAP) (FO)	129.61 / 4.24	
RW13L (MAP)	887 MSL	129.61	
887 MSL	DATLE (FB)		
DATLE	DUMPY (FO)	111.90 / 15.00	5000

MISSED APPROACH

LNAV/VNAV: DA
LNAV: RW13L

CLIMB TO 5000 DIRECT DATLE AND ON TRACK 111.90 TO DUMPY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WADES
3. FAC: 129.61 FAF: LOVSY DIST FAF TO MAP: 4.24 THLD: 4.24
4. MIN. ALT: WADES 2500, LOVSY 1900
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1900 GS ALT AT: LOVSY 1900 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 50.0 34:1 IS CLEAR
8. MSA FROM: RW13L 3600

ADDITIONAL FLIGHT DATA:
HOLD SE, RT, 298.00 INBOUND.
CHART FAS OBST: 605 TOWER 325150N/0965238W
FAS OBST: 654 AAO 325404N/0965351W
CHART 666 T-L TWR 325440N/0965441W.
DISTANCE TO THLD FROM 469 HAT: 1.32 NM.
CHART VDP AT 1.24 MILES TO RW13L*
*LNAV ONLY.
CHART THLD ELEV 477.

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
LNAV/VNAV DA	946	6000	469	946	6000	469	946	6000	469	946	6000	469			
LNAV MDA	920	2400	443	920	2400	443	920	2400	443	920	2400	443			
CIRCLING	1020	1	533	1020	1	533	1020	1 1/2	533	1160	2 1/4	673			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 47C (116F). @ CAT D 800-2 1/4
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED

QUALITY A CHECKED

CITY AND STATE	ELEVATION: 487 THRE: 477 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
DALLAS, TX	DALLAS LOVE FIELD	RNAV	RNAV (GPS) Z RWY 13L, ORIG-B 10 MAR 2011	AMDT: ORIG-A DATED 07/05/2007

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

ARINC PACKET - 424-18 - RNAV (GPS)

```
          1         2         3         4         5         6         7         8         9         0         1         2         3
WP        12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAEAENRT   DATLE K40    W     N32464687W096460126                    E0041     NAR          DATLE
          SUSAEAENRT   DUMPY K40    C   L N32394390W096301892                    E0040     NAR          DUMPY
          SUSAEAENRT   LOVSY K40    W     N32542843W096545580                    E0042     NAR          LOVSY
          SUSAEAENRT   WADES K40    C     N33004242W097021088                    E0043     NAR          WADES

          1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDALK4ADAL     0     088YHN32504960W096510640E006000487         1800018000C    MNAR    DALLAS LOVE FIELD

          1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT   12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDALK4FR13LZ R      010WADESK4EA0E  I    IF                                + 02500     18000                A JS
          SUSAP KDALK4FR13LZ R      020LOVSYK4EA1E  F 051TF                     12950087    + 01900                RW13L K4PGA JS
          SUSAP KDALK4FR13LZ R      020LOVSYK4EA2WN          ALNAV/VNAV ALNAV                                                 JS
          SUSAP KDALK4FR13LZ R      030RW13LK4PG0GY M 031TF                     12960042      00527            -300          A JS
          SUSAP KDALK4FR13LZ R      040         0  M     CA                     1296        + 00887                        A JS
          SUSAP KDALK4FR13LZ R      050DATLEK4EA0E        DF                                                               A JS
          SUSAP KDALK4FR13LZ R      060DUMPYK4EA0EY   010TF                     1119        + 05000                        A JS
          SUSAP KDALK4FR13LZ R      070DUMPYK4EA0EE  R   HM                     29800050    + 05000                        A JS

          1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY    12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDALK4GRW13L   0077521296 N32512619W096512448+0100    +01187004770000056150I

          1         2         3         4         5         6         7         8         9         0         1         2         3
MSA       12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
          ------------------------------------------------------------------------------------------------------------------------
          SUSAP KDALK4SRW13LK4PG              0   18018003625                                                              M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 487 THRE: 477	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
DALLAS, TX	AIRPORT NAME: DALLAS LOVE FIELD	RNAV	RNAV (GPS) Z RWY 13L, ORIG-B 10 MAR 2011	AMDT: ORIG-A
				DATED: 07/05/2007

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WAKDA (IF)	OMGEE (FB)	177.99 / 6.10	2600
OMGEE (FAF)	RW18 (MAP) (FO)	177.98 / 5.76	
RW18 (MAP)	1300 MSL	177.98	1300
1300 MSL	CABBY (FO)		3000

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW18

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT CABBY AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 180.00 INBOUND.
FAS OBST: 959 AAO 323120N/0965508W.
989 AAO 323406N/0965533W.
DISTANCE TO THLD FROM 200 HATH: 0.50 NM.
CHART VDP AT 1.43 MILES TO RW18*
*LNAV ONLY.
WAAS CHANNEL # 62920
REFERENCE PATH ID: W18A
LTP HAE: 194.6 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT WAKDA
3. FAC: 177.98 FAF: OMGEE DIST FAF TO MAP: 5.76 THLD: 5.76
4. MIN. ALT: WAKDA 3000, OMGEE 2600
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: OMGEE 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR
8. MSA FROM: RW18 3600

MAG VAR: 6E 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	926	3/4	200	926	3/4	200	926	3/4	200	926	3/4	200			
LNAV/VNAV DA	976	7/8	250	976	7/8	250	976	7/8	250	976	7/8	250			
LNAV MDA	1220	1	494	1220	1	494	1220	1 3/8	494	1220	1 3/8	494			
CIRCLING	1220	1	494	1220	1	494	1220	1 1/2	494	1300	2	574			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING DALLAS LOVE FIELD ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 39C (102F).
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: RADAR REQUIRED.
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 726 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
MIDLOTHIAN/WAXAHACHIE, TX	MID-WAY RGNL	RNAV	RNAV (GPS) RWY 18, ORIG 10 MAR 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.

NOTES, (CONT.):
CHART NOTE: VDP NA WITH DALLAS LOVE FIELD ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE DALLAS LOVE FIELD ALTIMETER SETTING AND INCREASE ALL DA 88 FEET AND ALL MDA 100 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, LNAV CATS C AND D 3/8 MILE, AND CIRCLING CAT D VISIBILITY 1/4 MILE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 726	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MIDLOTHIAN/WAXAHACHIE, TX	AIRPORT NAME: MID-WAY RGNL	RNAV	RNAV (GPS) RWY 18, ORIG 10 MAR 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	KJWY
RUNWAY	RW18
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	322801.9290N
LTP/FTP LONGITUDE	0965442.4565W
LTP/FTP ELLIPSOIDAL HEIGHT	+01946
FPAP LATITUDE	322632.8600N
FPAP LONGITUDE	0965449.7700W
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	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	62D684BD

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+02213
FPAP ORTHOMETRIC HEIGHT	+02213

QUALITY CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 726	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MIDLOTHIAN/WAXAHACHIE, TX	AIRPORT NAME: MID-WAY RGNL	RNAV	RNAV (GPS) RWY 18, ORIG 10 MAR 2011	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 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   CABBY K40    C   L N32201740W096380854                    E0041     NAR           CABBY
        SUSAEAENRT   OMGEE K40    W     N32334733W096541408                    E0042     NAR           OMGEE
        SUSAEAENRT   WAKDA K40    W     N32395324W096534395                    E0042     NAR           WAKDA

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJWYK4AJWY     0     064YHN32272990W096544510E006000726         1800018000C    MNAR    MID-WAY RGNL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJWYK4FR18   R      010WAKDAK4EA0E  I    IF                              + 03000     18000              A JS
        SUSAP KJWYK4FR18   R      020OMGEEK4EA1E  F 051TF                  17800061    + 02600                RW18  K4PGA JS
        SUSAP KJWYK4FR18   R      020OMGEEK4EA2WALPV       ALNAV/VNAV ALNAV                                          JS
        SUSAP KJWYK4FR18   R      030RW18 K4PG0GY M 031TF                  17800058      00766            -300       A JS
        SUSAP KJWYK4FR18   R      040          0  M     CA                  1780        + 01300                     A JS
        SUSAP KJWYK4FR18   R      050CABBYK4EA0EY  L   DF                              + 03000                     A JS
        SUSAP KJWYK4FR18   R      060CABBYK4EA0EE  R   HM                  18000040    + 03000                     A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJWYK4GRW18    0064991780 N32280193W096544246-0600    +0194600726000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJWYK4PR18   RW18 001 0000W18A0N3228019290W09654424565+019460300N3226328600W0965449770010675076800040OF40035062D684BD
        SUSAP KJWYK4PR18   RW18 002E      +02213+02213LPV       62920

                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJWYK4SRW18 K4PG               0   18018003625                                                          M
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 726 THRE: 726	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
MIDLOTHIAN/WAXAHACHIE, TX	AIRPORT NAME: MID-WAY RGNL	RNAV	RNAV (GPS) RWY 18, ORIG 10 MAR 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.
MIDLOTHIAN/WAXAHACHIE, TX	MID-WAY RGNL	10 MAR 2011	1

TAKEOFF MINIMUMS:

RWY 18, 36 STANDARD.

TEXTUAL DEPARTURE PROCEDURES:

RWY 18, CLIMB RUNWAY HEADING TO 2000 BEFORE TURNING NORTH.
RWY 36, CLIMB RUNWAY HEADING TO 3600 BEFORE TURNING WEST.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 18, MULTIPLE POLES,TREES, AND TOWERS BEGINNING 159 FT FROM DER, 465 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/708 FT MSL. TREE 956 FT FROM DER, 736 FT LEFT OF CENTERLINE, 69 FT AGL/722 FT MSL. TREES 971 FT FROM DER, 594 FT LEFT OF CENTERLINE, 71 FT AGL/714 FT MSL.

NOTE: RWY 36, TREES 1325 FT FROM DER, 643 FT LEFT OF CENTERLINE, 37 FT AGL/765 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 18 - 2449 FT MSL TOWER 323235.00N/0965733.00W, RWY 36 – 2549 FT MSL TOWER 323502.67N/0965748.75W.

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.
Mineola, TX	Mineola Wisener Field	10 MAR 2011	ORIG

TAKEOFF MINIMUMS:

RWY 17, 35: NA-Obstacles

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY CHECKED

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

City, State	Airport	Effective Date	Amdt. No.
WINK, TX	WINKLER COUNTY	10 MAR 2011	ORIG-A

TAKEOFF MINIMUMS:

RWY 4, 13, 22, 31, STANDARD

TEXTUAL DEPARTURE PROCEDURES:

RWY 13 - CLIMB HEADING 147.46 TO 3400 BEFORE PROCEEDING ON COURSE.

TAKEOFF OBSTACLE NOTES:

NOTE: RWY 4, POWERLINES BEGINNING 524 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 30 FT AGL/2829 FT MSL. TREES BEGINNING 742 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 50 FT AGL/2859 FT MSL.

NOTE: RWY 13, TREES BEGINNING 133 FT FROM DER, 307 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/2822 FT MSL. VEHICLES ON ROAD BEGINNING 535 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 15 FT AGL/2829 FT MSL.

NOTE: RWY 31, TREES BEGINNING 49 FT FROM DER, 396 FT LEFT OF CENTERLINE, UP TO 50 FT AGL/2832 FT MSL. TREES BEGINNING 1563 FT FROM DER, 585 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/2874 FT MSL.

CONTROLLING OBSTACLES:

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWY 13 - 3207 FT MSL TOWER 314459.00N/1030932.00W.

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 10 MAR 2011

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1088 TDZE: 1080	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
AMERY, WI	AIRPORT NAME: **AMERY MUNI**	**AHH**	**NDB RWY 18, AMDT 6A, 07/03/2008**	AMDT **6**
				DATE **03/17/2005**

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.
WILLIAMSON, WV	MINGO COUNTY REGIONAL		ORIG

TAKEOFF MINIMUMS:

PROCEDURE CANCELLED EFFECTIVE 10 MAR 2011.

TEXTUAL DEPARTURE PROCEDURES:

TAKEOFF OBSTACLE NOTES:

CONTROLLING OBSTACLES:

QUALITY CHECKED

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30768 ; Amdt. No. 3413]

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 February 4, 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 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
10-Mar-11	AR	Little Rock	Adams Field	0/2077	1/26/11	RADAR-1, Amdt 17
10-Mar-11	AR	Little Rock	Adams Field	0/2078	1/26/11	ILS OR LOC RWY 22R, Amdt 2
10-Mar-11	AR	Little Rock	Adams Field	0/2079	1/26/11	VOR A, Orig-B
10-Mar-11	AR	Little Rock	Adams Field	0/2080	1/26/11	ILS OR LOC RWY 4R, Amdt 2
10-Mar-11	AR	Little Rock	Adams Field	0/2081	1/26/11	ILS OR LOC RWY 22L, Orig
10-Mar-11	AR	Little Rock	Adams Field	0/2084	1/26/11	ILS OR LOC RWY 4L, Amdt 25C
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3721	1/5/11	RNAV (GPS) RWY 14, Orig-A
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3722	1/5/11	RNAV (GPS) RWY 5, Orig
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3723	1/5/11	LOC BC RWY 23, Amdt 19
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3724	1/5/11	VOR RWY 23, Amdt 20A
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3725	1/5/11	ILS OR LOC RWY 5, Amdt 22E
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3726	1/5/11	RNAV (GPS) RWY 32, Orig-A
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3727	1/5/11	RADAR-1, Amdt 4
10-Mar-11	IN	Terre Haute	Terre Haute Intl - Hulman Field	0/3729	1/5/11	RNAV (GPS) RWY 23, Orig
10-Mar-11	MN	Rochester	Rochester Intl	0/3831	1/3/11	ILS OR LOC RWY 31, Amdt 22
10-Mar-11	MA	Provincetown	Provincetown Muni	1/0137	1/4/11	RNAV (GPS) RWY 7, Orig-B
10-Mar-11	GA	Atlanta	Hartsfield-Jackson Atlanta Intl	1/0138	1/4/11	ILS PRM RWY 27R (Sim. Close Parallel), Orig
10-Mar-11	WV	Petersburg	Grant County	1/0140	1/4/11	GPS RWY 31, Amdt 1
10-Mar-11	FL	Orlando	Orlando Intl	1/0142	1/4/11	ILS OR LOC RWY 35L, ILS RWY 35L (CAT II), ILS RWY 35L (CAT III), Amdt 6
10-Mar-11	TN	Memphis	Memphis Intl	1/0148	1/4/11	ILS OR LOC RWY 27, Amdt 3
10-Mar-11	TN	Memphis	Memphis Intl	1/0149	1/4/11	ILS OR LOC RWY 9, Amdt 27
10-Mar-11	TN	Memphis	Memphis Intl	1/0150	1/4/11	ILS OR LOC RWY 18L, Amdt 2

10-Mar-11	TN	Memphis	Memphis Intl	1/0178	1/6/11	ILS OR LOC RWY 36C, ILS RWY 36C (CAT II), ILS RWY 36C (CAT III), Amdt 3
10-Mar-11	TN	Memphis	Memphis Intl	1/0179	1/6/11	ILS OR LOC RWY 36L, ILS RWY 36L (CAT II), ILS RWY 36L (CAT III), Amdt 14
10-Mar-11	TN	Memphis	Memphis Intl	1/0180	1/6/11	ILS OR LOC RWY 36R, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III), Amdt 3
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0188	1/4/11	RNAV (GPS) RWY 36, Amdt 1D
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0189	1/4/11	ILS OR LOC RWY 36, Amdt 6D
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0190	1/4/11	NDB RWY 36, Amdt 5C
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0191	1/4/11	VOR RWY 36, Amdt 16B
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0192	1/4/11	VOR RWY 27, Amdt 4B
10-Mar-11	WI	Oshkosh	Wittman Rgnl	1/0193	1/4/11	LOC/DME BC RWY 18, Amdt 6B
10-Mar-11	AR	De Queen	J Lynn Helms Sevier County	1/0559	1/7/11	RNAV (GPS) RWY 8, Orig
10-Mar-11	SD	Sioux Falls	Joe Foss Field	1/0728	1/18/11	RNAV (GPS) RWY 21, Orig-B
10-Mar-11	SD	Sioux Falls	Joe Foss Field	1/0735	1/18/11	VOR/DME OR TACAN RWY 33, Amdt 12A
10-Mar-11	AR	De Queen	J Lynn Helms Sevier County	1/0739	1/10/11	Takeoff Minimums and Obstacle DP, Amdt 1
10-Mar-11	MO	Trenton	Trenton Muni	1/0740	1/18/11	NDB RWY 36, Amdt 9A
10-Mar-11	AR	Paragould	Kirk Field	1/0742	1/10/11	NDB RWY 22, Amdt 1
10-Mar-11	WI	Wausau	Wausau Downtown	1/0747	1/10/11	RNAV (GPS) RWY 12, Orig
10-Mar-11	AR	Heber Springs	Heber Springs Muni	1/0749	1/18/11	RNAV (GPS) RWY 23, Orig
10-Mar-11	WI	Wausau	Wausau Downtown	1/0750	1/10/11	NDB OR GPS B, Orig
10-Mar-11	IL	Chicago	Chicago-O'Hare Intl	1/0754	1/10/11	ILS OR LOC RWY 22L, Amdt 4H
10-Mar-11	WI	Marshfield	Marshfield Muni	1/0755	1/26/11	NDB RWY 16, Amdt 9A
10-Mar-11	NE	Lincoln	Lincoln	1/0789	1/10/11	ILS OR LOC RWY 18, Amdt 6E
10-Mar-11	NE	Lincoln	Lincoln	1/0790	1/10/11	RNAV (GPS) RWY 14, Orig
10-Mar-11	AL	Tuscaloosa	Tuscaloosa Rgnl	1/0841	1/18/11	Takeoff Minimums and Obstacle DP, Amdt 2
10-Mar-11	WI	Marshfield	Marshfield Muni	1/0912	1/26/11	NDB OR GPS RWY 4, Amdt 13A

10-Mar-11	AR	Rogers	Rogers Muni-Carter Field	1/0913	1/26/11	Takeoff Minimums and Obstacle DP, Orig
10-Mar-11	AR	Texarkana	Texarkana Rgnl-Webb Field	1/0914	1/19/11	RNAV (GPS) RWY 31, Orig-A
10-Mar-11	IN	New Castle	New Castle-Henry Co Muni	1/0915	1/19/11	NDB OR GPS RWY 9, Amdt 5A
10-Mar-11	IN	New Castle	New Castle-Henry Co Muni	1/0916	1/19/11	NDB RWY 27, Amdt 5
10-Mar-11	IL	Urbana	Frasca Field	1/1096	1/18/11	VOR/DME OR GPS B, Amdt 6
10-Mar-11	IL	Urbana	Frasca Field	1/1097	1/18/11	VOR OR GPS A, Amdt 11
10-Mar-11	VA	Franklin	Franklin Muni-John Beverly Rose	1/1120	1/18/11	RNAV (GPS) RWY 9, Orig
10-Mar-11	VA	Franklin	Franklin Muni-John Beverly Rose	1/1121	1/18/11	VOR RWY 9, Amdt 14B
10-Mar-11	VA	Franklin	Franklin Muni-John Beverly Rose	1/1122	1/18/11	VOR/DME RWY 27, Amdt 9E
10-Mar-11	VA	Franklin	Franklin Muni-John Beverly Rose	1/1123	1/18/11	RNAV (GPS) RWY 27, Orig-A
10-Mar-11	GA	Hampton	Clayton County - Tara Field	1/1176	1/14/11	RNAV (GPS) RWY 6, Orig
10-Mar-11	IA	Webster City	Webster City Muni	1/1309	1/18/11	VOR/DME OR GPS RWY 14, Amdt 4
10-Mar-11	WI	Hayward	Sawyer County	1/1310	1/18/11	RNAV (GPS) RWY 2, Orig-A
10-Mar-11	IA	Hampton	Hampton Muni	1/1312	1/18/11	Takeoff Minimums and Obstacle DP, Amdt 3
10-Mar-11	IA	Hampton	Hampton Muni	1/1313	1/18/11	VOR/DME RWY 35, Amdt 1B
10-Mar-11	IA	Hampton	Hampton Muni	1/1314	1/18/11	RNAV (GPS) RWY 35, Orig
10-Mar-11	IA	Hampton	Hampton Muni	1/1315	1/18/11	RNAV (GPS) RWY 17, Orig
10-Mar-11	IA	Hampton	Hampton Muni	1/1316	1/18/11	NDB RWY 17, Amdt 4A
10-Mar-11	IL	Centralia	Centralia Muni	1/1318	1/18/11	RNAV (GPS) RWY 36, Orig
10-Mar-11	IL	Centralia	Centralia Muni	1/1322	1/18/11	RNAV (GPS) RWY 18, Orig
10-Mar-11	NE	Scottsbluff	Western Neb. Rgnl / William B. Heilig Field	1/1358	1/19/11	ILS OR LOC/DME RWY 12, Orig
10-Mar-11	NE	Crete	Crete Muni	1/1437	1/18/11	VOR/DME RWY 35, Amdt 3B
10-Mar-11	MI	Lakeview	Lakeview Airport - Griffith Field	1/1547	1/18/11	GPS RWY 27, Orig
10-Mar-11	MI	Lakeview	Lakeview Airport - Griffith Field	1/1550	1/18/11	GPS RWY 9, Orig
10-Mar-11	VA	Warrenton	Warrenton-Fauquier	1/1693	1/14/11	RNAV (GPS) RWY 15, Orig
10-Mar-11	VA	Warrenton	Warrenton-Fauquier	1/1694	1/14/11	VOR RWY 15, Amdt 4

10-Mar-11	TN	Memphis	Memphis Intl	1/1695	1/14/11	RNAV (GPS) RWY 36C, Amdt 1
10-Mar-11	NC	Oak Island	Brunswick County	1/1790	1/14/11	Takeoff Minimums and Obstacle DP, Orig
10-Mar-11	FL	Brooksville	Hernando County	1/1798	1/19/11	ILS RWY 9, Amdt 2A
10-Mar-11	FL	St Petersburg	Albert Whitted	1/1879	1/14/11	RNAV (GPS) RWY 18, Orig-A
10-Mar-11	OH	Hillsboro	Highland County	1/1889	1/14/11	NDB OR GPS RWY 23, Amdt 4
10-Mar-11	LA	Bastrop	Morehouse Memorial	1/1893	1/18/11	NDB RWY 34, Amdt 6A
10-Mar-11	LA	Bastrop	Morehouse Memorial	1/1896	1/18/11	VOR/DME A, Amdt 9A
10-Mar-11	NJ	Woodbine	Woodbine Muni	1/1912	1/14/11	RNAV (GPS) RWY 1, Orig
10-Mar-11	RI	Providence	Theodore Francis Green State	1/1935	1/18/11	RNAV (GPS) RWY 34, Orig-C
10-Mar-11	NJ	Trenton	Trenton Mercer	1/1936	1/18/11	VOR OR GPS RWY 24, Amdt 4A
10-Mar-11	TN	Springfield	Springfield Robertson County	1/1938	1/18/11	Takeoff Minimums and Obstacle DP, Orig
10-Mar-11	NJ	Lincoln Park	Lincoln Park	1/1939	1/19/11	Takeoff Minimums and Obstacle DP, Orig
10-Mar-11	TN	Smyrna	Smyrna	1/1942	1/18/11	ILS RWY 32. Amdt 5B
10-Mar-11	FL	Lakeland	Lakeland Linder Rgnl	1/1974	1/18/11	VOR RWY 27, Amdt 7A
10-Mar-11	FL	Lakeland	Lakeland Linder Rgnl	1/1975	1/18/11	VOR RWY 9, Amdt 4
10-Mar-11	FL	Lakeland	Lakeland Linder Rgnl	1/1977	1/18/11	NDB RWY 5, Amdt 4A
10-Mar-11	FL	Lakeland	Lakeland Linder Rgnl	1/1978	1/18/11	ILS OR LOC RWY 5, Amdt 7A
10-Mar-11	MI	Traverse City	Cherry Capital	1/2194	1/18/11	GPS RWY 36, Orig-A
10-Mar-11	IN	Indianapolis	Indianapolis Intl	1/2195	1/19/11	ILS OR LOC RWY 5L, ILS OR LOC RWY 5L (CAT II), ILS OR LOC RWY 5L (CAT III), Amdt 3A
10-Mar-11	IL	Chicago	Chicago-O'Hare Intl	1/2497	1/26/11	RNAV (GPS) RWY 14L, Amdt 1B
10-Mar-11	IL	Chicago	Chicago-O'Hare Intl	1/2499	1/26/11	RNAV (GPS) RWY 28, Amdt 2A
10-Mar-11	IL	Chicago	Chicago-O'Hare Intl	1/2500	1/26/11	ILS OR LOC RWY 14L, ILS RWY 14L (CAT II), ILS RWY 14L (CAT III), Amdt 29B
10-Mar-11	PA	Allentown	Lehigh Valley Intl	1/2602	1/19/11	RNAV (GPS) RWY 31, Amdt 1A
10-Mar-11	VA	Richmond/Ashland	Hanover County Muni	1/2664	1/26/11	RNAV (GPS) RWY 16, Orig
10-Mar-11	KY	Campbellsville	Taylor County	1/2665	1/26/11	SDF RWY 23, Amdt 2A
10-Mar-11	KY	Campbellsville	Taylor County	1/2667	1/26/11	NDB OR GPS RWY 23, Amdt 3A

10-Mar-11	TN	Memphis	Memphis Intl	1/2724	1/26/11	RNAV (GPS) RWY 36L, Amdt 1
10-Mar-11	FL	Fort Lauderdale	Fort Lauderdale / Hollywood Intl	1/2726	1/26/11	ILS OR LOC RWY 27R, Amdt 9
10-Mar-11	AL	Huntsville	Madison County Executive / Tom Sharp Jr Fld	1/2727	1/26/11	Takeoff Minimums and Obstacle DP, Amdt 3
10-Mar-11	GA	Atlanta	Newnan Coweta County	1/2746	1/26/11	Takeoff Minimums and Obstacle DP, Amdt 3A
10-Mar-11	FL	Venice	Venice Muni	1/2764	1/26/11	NDB RWY 31, Amdt 2
10-Mar-11	ME	Portland	Portland Intl Jetport	1/2971	1/26/11	RNAV (GPS) RWY 36, Orig-B
10-Mar-11	OR	John Day	Grant Co Rgnl/Ogilvie Field	1/3435	1/26/11	RNAV (GPS) Y RWY 9, Orig
10-Mar-11	KY	Monticello	Wayne County	1/3700	1/26/11	GPS RWY 21, Orig
10-Mar-11	KY	Monticello	Wayne County	1/3702	1/26/11	GPS RWY 3, Orig

AIRAC Date: 10 MAR 2011

FDC 0/2077 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. RADAR-1, AMDT 17 ... CIRCLING: CAT A/B MDA 800/HAA 534. CIRCLING: CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING: CAT D HAA 914. THIS IS RADAR-1, AMDT 17A.

FDC 0/2078 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. ILS OR LOC RWY 22R, AMDT 2 ... CIRCLING: CAT A/B HAA 534. CIRCLING: CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING: CAT D HAA 914. CHANGE NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STUTTGART ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, ALL MDA 100 FEET. INCREASE S-ILS ALL CATS VISIBILITY TO RVR 4000, INCREASE S-LOC 22R CAT C VISIBILITY TO RVR 5000, CAT D VISIBILITY TO RVR 6000 AND CIRCLING CAT C VISIBILITY TO 2 1/4 MILES. CHART AIRPORT ELEVATION 266. CHART THRE 262. THIS IS ILS OR LOC RWY 22R, AMDT 2A

FDC 0/2079 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. VOR A, ORIG-B ... CIRCLING: CAT A/B HAA 534. CIRCLING: CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING: CAT D HAA 914. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STUTTGART ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. INCREASE CIRCLING CAT C VISIBILITY 1/4 MILE. CHART AIRPORT ELEVATION 266. THIS IS VOR-A,, ORIG-C.

FDC 0/2080 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. ILS OR LOC RWY 4R, AMDT 2... S-LOC CAT C/D VIS 1 3/8. CIRCLING CAT C MDA 940/HAA 674. VIS CAT C 2. OGRAY FIX MINIMUMS: S-LOC CAT C/D VIS RVR 5500. CIRCLING CAT A/B MDA/HAA 800/534, CAT C MDA 940/HAA 674. VIS CAT C 2. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STUTTGART ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, AND ALL MDA 100 FEET. INCREASE S-LOC CAT C AND D VISIBILITY TO 1 5/8 MILES, AND CIRC CAT C VISIBILITY TO 2 1/4 MILES. OGRAY FIX MINIMUMS: INCREASE S-LOC CAT C AND D VISIBILITY TO 1 3/8 MILES, AND CIRC CAT C VISIBILITY TO 2 1/4 MILES. CHART THRE 260. THIS IS ILS OR LOC RWY 4R, AMDT 2A.

FDC 0/2081 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. ILS OR LOC RWY 22L, ORIG ... S-ILS: DA 509 ALL CATS. S-LOC: HATH 381 ALL CATS. CIRCLING: CAT A/B HAA 534. CIRCLING: CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING: CAT D HAA 914. CHANGE NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STUTTGART ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, AND ALL MDA 100 FEET. INCREASE S-ILS ALL CATS VISIBILITY TO RVR 5000, S-LOC CAT C AND D VISIBILITY TO 1 3/8 MILES, AND CIRCLING CAT C TO 2 1/4 MILES. CHART AIRPORT ELEVATION 266. CHART THRESHOLD ELEVATION 259. THIS IS ILS OR LOC RWY 22L, ORIG-A.

FDC 0/2084 LIT FI/P ADAMS FIELD, LITTLE ROCK, AR. ILS OR LOC RWY 4L, AMDT 25C... S-ILS DA 504. S-LOC HATH 606. S-LOC CAT C/D VIS 1 3/8. CIRCLING CAT A/B HAA 594. CIRCLING CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING CAT D HAA 914. DME MINIMUMS: S-LOC HATH 466. S-LOC CAT C VIS RVR 5000. CIRCLING CAT A/B HAA 534. CIRCLING CAT C MDA 940/HAA 674. VIS CAT C 2. CIRCLING CAT D HAA 914. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE STUTTGART ALTIMETER SETTING AND INCREASE ALL DA 82 FEET, ALL MDA 100 FEET. INCREASE S-ILS ALL CATS VISIBILITY TO RVR 5000, S-LOC CAT C AND D VISIBILITY TO 1 5/8 MILES, AND CIRC CAT C VISIBILITY TO 2 1/4 MILES. DME MINIMUMS: INCREASE S-LOC CAT C AND D VISIBILITY TO 1 1/4 MILES, AND CIRC CAT C VISIBILITY TO 2 1/4 MILES. CHART THRESHOLD ELEVATION 254. CHART AIRPORT ELEVATION 266. THIS IS ILS OR LOC RWY 4L, AMDT 25D.

FDC 0/3721 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RNAV (GPS) RWY 14, ORIG-A... DELETE VDP. DELETE NOTE, VDP NA WITH PARIS, IL ALTIMETER SETTING. CHART NOTE: STRAIGHT-IN/CIRCLING RWY 14 PROCEDURE NA AT NIGHT. CHART NOTE: CIRCLING RWY 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS RNAV (GPS) RWY 14, ORIG-B.

FDC 0/3722 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RNAV (GPS) RWY 5, ORIG... CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS RNAV (GPS) RWY 5, ORIG-A.

FDC 0/3723 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. LOC BC RWY 23, AMDT 19... CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS LOC BC RWY 23, AMDT 19A.

FDC 0/3724 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. VOR RWY 23, AMDT 20A... CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS VOR RWY 23, AMDT 20B.

FDC 0/3725 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. ILS OR LOC RWY 5, AMDT 22E... PROCEDURE TURN OUTBOUND ALTITUDE 2300. TERMINAL ROUTE FROM TERRE HAUTE (TTH) VORTAC TO YINNO (HU) LOM 2300. CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS ILS OR LOC RWY 5, AMDT 22F

FDC 0/3726 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RNAV (GPS) RWY 32, ORIG-A... LNAV MDA 940/HAT 351 ALL CATS, VIS CAT D 1 1/4. CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS RNAV (GPS) RWY 32, ORIG-B.

FDC 0/3727 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RADAR-1, AMDT 4... ASR 32: MDA 940/HAT 351 ALL CATS, VIS CAT D 1 1/4. CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS RADAR-1, AMDT 4A.

FDC 0/3729 HUF FI/P TERRE HAUTE INTL-HULMAN FIELD, TERRE HAUTE, IN. RNAV (GPS) RWY 23, ORIG... CHART NOTE: CIRCLING RWYS 14 AND 36 NA AT NIGHT. CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 18 NA AT NIGHT. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 0/3831 RST FI/P ROCHESTER INTL, ROCHESTER, MN. ILS OR LOC RWY 31, AMDT 22... REMOVE NOTE: "AUTOPILOT COUPLED APPROACH NOT AUTHORIZED BELOW 1542 MSL". THIS IS ILS OR LOC RWY 31, AMDT 22A.

FDC 1/0137 PVC FI/P PROVINCETOWN MUNI, PROVINCETOWN, MA. RNAV (GPS) RWY 7, ORIG-B... LNAV/VNAV DA 386/HAT 377, VIS 1 1/4 ALL CATS. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 7, ORIG-C.

FDC 1/0138 ATL FI/P HARTSFIELD - JACKSON ATLANTA INTL, ATLANTA, GA. ILS PRM RWY 27R (SIMULTANEOUS CLOSE PARALLEL), ORIG... DELETE THE FOLLOWING PARAGRAPH FROM THE ATTENTION ALL USERS PAGE: SPECIAL PILOT TRAINING REQUIRED. PILOTS WHO ARE UNABLE TO PARTICIPATE, OR DISPATCHERS ON THEIR BEHALF, MUST CONTACT THE FAA COMMAND CENTER PRIOR TO DEPARTURE (1-800-333-4286 OR 703-904-4452) TO OBTAIN AN ARRIVAL RESERVATION. NON-PARTICIPATING PILOTS ENROUTE TO ATL AS AN ALTERNATE, OR TRAINED PILOTS THAT ARE UNEXPECTEDLY UNABLE TO PARTICIPATE DUE TO IN-FLIGHT CIRCUMSTANCES WILL BE AFFORDED APPROPRIATE ARRIVAL SERVICES AS OPERATIONAL CONDITIONS PERMIT. NON-PARTICIPATING PILOTS SHALL NOTIFY THE ATLANTA ARTCC AS SOON AS PRACTICABLE, BUT AT LEAST 100 MILES FROM ATL. ADD THE FOLLOWING PARAGRAPH TO THE ATTENTION ALL USERS PAGE: SPECIAL PILOT TRAINING REQUIRED. PILOTS WHO ARE UNABLE TO PARTICIPATE WILL BE AFFORDED APPROPRIATE ARRIVAL SERVICES AS OPERATIONAL CONDITIONS PERMIT AND MUST NOTIFY THE CONTROLLING ARTCC AS SOON AS PRACTICAL, BUT AT LEAST 100 MILES FROM DESTINATION. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS ILS PRM RWY 27R (SIMULTANEOUS CLOSE PARALLEL), ORIG-A.

FDC 1/0140 W99 FI/P GRANT COUNTY, PETERSBURG, WV. GPS RWY 31, AMDT 1... S-31 MDA 2440/HAT 1483 ALL CATS. CIRCLING MDA 2440/ HAA 1480 CATS A/B/C. THIS IS GPS RWY 31, AMDT 1A.

FDC 1/0142 MCO FI/P ORLANDO INTL, ORLANDO, FL. ILS OR LOC RWY 35L, AMDT 6... ILS RWY 35L (CAT II) AMDT 6 ILS RWY 35L (CAT III) AMDT 6 S-LOC 35L MDA 460/HAT 372 ALL CATS. CHART FAS OBST: 193 MONOPOLE 282031N/0811816W. THIS IS ILS OR LOC RWY 35L, AMDT 6A, ILS RWY 35L (CAT II) AMDT 6A, ILS RWY 35L (CAT III) AMDT 6A.

FDC 1/0148 MEM FI/P MEMPHIS INTL, MEMPHIS, TN. ILS OR LOC RWY 27, AMDT 3... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. THIS IS ILS OR LOC RWY 27, AMDT 3A.

FDC 1/0149 MEM FI/P MEMPHIS INTL, MEMPHIS, TN. ILS OR LOC RWY 9, AMDT 27... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. THIS IS ILS OR LOC RWY 9, AMDT 27A.

FDC 1/0150 MEM FI/P MEMPHIS INTL, MEMPHIS, TN. ILS OR LOC RWY 18L, AMDT 2... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. BRYSN FIX MINIMUMS: CIRCLING CATS A/B/C/D MDA 940/ HAA 599. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 18L, AMDT 2A.

FDC 1/0178 MEM FI/P MEMPHIS INTL, MEMPHIS, TN ILS OR LOC RWY 36C AMDT 3... ILS RWY 36C (CAT II) AMDT 3... ILS RWY 36C (CAT III) AMDT 3... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. THIS IS ILS OR LOC RWY 36C AMDT 3A, ILS RWY 36C (CAT II) AMDT 3A, ILS RWY 36C (CAT III) AMDT 3A.

FDC 1/0179 MEM FI/P MEMPHIS INTL, MEMPHIS, TN ILS OR LOC RWY 36L AMDT 14... ILS RWY 36L (CAT II) AMDT 14... ILS RWY 36L (CAT III) AMDT 14... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 36L AMDT 14A, ILS RWY 36L (CAT II) AMDT 14A, ILS RWY 36L (CAT III) AMDT 14A.

FDC 1/0180 MEM FI/P MEMPHIS INTL, MEMPHIS, TN ILS OR LOC RWY 36R AMDT 3... ILS RWY 36R (CAT II) AMDT 3... ILS RWY 36R (CAT III) AMDT 3... CIRCLING CATS A/B/C/D MDA 940/ HAA 599. CHART NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS. THIS IS ILS OR LOC RWY 36R AMDT 3A, ILS RWY 36R (CAT II) AMDT 3A, ILS RWY 36R (CAT III) AMDT 3A.

FDC 1/0188 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. RNAV (GPS) RWY 36, AMDT 1D... CIRCLING CATS A/B MDA 1280/HAA 472, CAT C MDA 1300/HAA 492. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE LPV DA TO 1141 ALL CATS, LNAV/VNAV DA TO 1273 ALL CATS, AND ALL MDA 40 FEET; INCREASE LPV VISIBILITY TO RVR 4000 ALL CATS AND LNAV/VNAV VISIBILITY TO 6000 ALL CATS. CHART NOTE: FOR INOPERATIVE MALSR INCREASE LPV VISIBILITY TO RVR 5000 ALL CATS. DELETE NOTE: GPS OR RNP- 0.3 REQUIRED. CHANGE BARO-VNAV NA NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). CHART NOTE: BARO-VNAV AND VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. CHANGE ALTERNATE MINIMUMS TO READ: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 36, AMDT 1E.

FDC 1/0189 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. ILS OR LOC RWY 36, AMDT 6D... CIRCLING CATS A/B MDA 1280/HAA 472, CAT C MDA 1300/HAA 492. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE DA 31 FEET AND ALL MDA 40 FEET. CHANGE ALTERNATE MINIMUMS TO READ: STANDARD, EXCEPT NA WHEN CONTROL TOWER CLOSED AND NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS ILS OR LOC RWY 36, AMDT 6E.

FDC 1/0190 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. NDB RWY 36, AMDT 5C... CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. THIS IS NDB RWY 36, AMDT 5D.

FDC 1/0191 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. VOR RWY 36, AMDT 16B... LAUDE FIX MINIMUMS: S-36 MDA 1240/HAT 432 ALL CATS. CIRCLING CATS A/B MDA 1280/HAA 472, CAT D MDA 1300/HAA 492. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART VDP AT 2.79 DME; DISTANCE VDP TO THLD 1.19 MILES. CHART NOTE: VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. IN PROFILE VIEW CHANGE DME MINIMUMS TO LAUDE FIX MINIMUMS. LAUDE OSH 4.0 DME FIX MINIMUM ALTITUDE 1340 (ASTERISK). ADD PROFILE NOTE: (ASTERISK) 1380 WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. CHANGE ALTERNATE MINIMUMS TO READ: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. DELETE NOTE: CAT D S-36 DME MINIMUMS VISIIBILITY INCREASED TO RVR 6000 FOR INOPERATIVE ALSR. THIS IS VOR RWY 36, AMDT 16C.

FDC 1/0192 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. VOR RWY 27, AMDT 4B... S-27 VIS CAT D 1 1/2. CIRCLING CAT A/B MDA 1280/HAA 472, CAT C MDA 1300/HAA 492. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET. CHART VDP AT 1.47 DME; DISTANCE VDP TO THLD 1.24 MILES. CHART NOTE: VDP NA WHEN USING FOND DU LAC COUNTY ALTIMETER SETTING. CHANGE ALTERNATE MINIMUMS TO READ: STANDARD, EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS VOR RWY 27, AMDT 4C.

FDC 1/0193 OSH FI/P WITTMAN RGNL, OSHKOSH, WI. LOC/DME BC RWY 18, AMDT 6B... CIRC CAT A/B MDA 1280/HAA 472, CAT C MDA 1300/HAA 492. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FOND DU LAC COUNTY ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET, INCREASE S-18 CAT C VISIBILITY 1/4 MILE. CHANGE ALTERNATE MINIMUMS TO READ: STANDARD, EXCEPT NA WHEN CONTROL TOWER CLOSED AND NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS LOC/DME BC RWY 18, AMDT 6C.

FDC 1/0559 DEQ FI/P J LYNN HELMS SEVIER COUNTY, DE QUEEN, AR. RNAV (GPS) RWY 8, ORIG... DELETE VDP. DELETE NOTE: VDP NA WITH TEXARKANA ALTIMETER SETTING. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. THIS IS RNAV (GPS) RWY 8, ORIG-A.

FDC 1/0728 FSD FI/P JOE FOSS FIELD, SIOUX FALLS, SD. RNAV (GPS) RWY 21, ORIG-B... LNAV/VNAV DA 1935/HAT 506 ALL CATS. VISIBILITY RVR 6000 ALL CATS. CHANGE BARO-VNAV NOTE TO READ: FOR UNCOMPENSATED BARO-VNAV SYSTEMS: LNAV/VNAV NA BELOW -17C (2F) AND ABOVE 46C (114F). CIRCLING CAT A/B VIS 1. THIS IS RNAV (GPS) RWY 21, ORIG-C.

FDC 1/0735 FSD FI/P JOE FOSS FIELD, SIOUX FALLS, SD. VOR/DME OR TACAN RWY 33, AMDT 12A... TERMINAL ROUTE SIOUX FALLS (FSD) VORTAC TO NEISH MINIMUM ALTITUDE 4500. PROCEDURE TURN OUTBOUND ALTITUDE 4500. THIS IS VOR/DME OR TACAN RWY 33, AMDT 12B.

FDC 1/0739 DEQ FI/P J LYNN HELMS SEVIER COUNTY, DE QUEEN, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 1... TAKEOFF MINIMUMS: RWY 8, 400-2 OR STANDARD WITH A MINIMUM CLIMB OF 378 FT PER NM TO 900. TAKEOFF OBSTACLE NOTES: NOTE: RWY 8, TOWER 1.36 NM FROM DEPARTURE END OF RUNWAY, 1350 FEET RIGHT OF CENTERLINE, 198 FEET AGL/598 FEET MSL. NOTE: RWY 26, MULTIPLE TREES AND POLES BEGINNING 126 FEET FROM DEPARTURE END OF RUNWAY, 64 FEET LEFT OF CENTERLINE, UP TO 92 FEET AGL/432 FEET MSL. MULTIPLE TREES AND POLE BEGINNING 241 FEET FROM DEPARTURE END OF RUNWAY, 98 FEET RIGHT OF CENTERLINE, UP TO 96 FEET AGL/436 FEET MSL. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 1A.

FDC 1/0740 TRX FI/P TRENTON MUNI, TRENTON, MO. NDB RWY 36, AMDT 9A... S-36 CATS A/B MDA 1500/HAT 744, VIS CAT B 1 1/4. CIRCLING CATS A/B MDA 1500/HAA 743, VIS CAT B 1 1/4. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN VGSI INOP, STRAIGHT-IN/CIRCLING RWY 36 PROCEDURE NA AT NIGHT. CHART FAS OBST: 1092 TOWER 395736N/0933240W. THIS IS NDB RWY 36, AMDT 9B.

FDC 1/0742 PGR FI/P KIRK FIELD, PARAGOULD, AR. NDB RWY 22, AMDT 1... S-22 CATS A/B MDA 980/HAT 692. CIRCLING CATS A/B MDA 980/HAA 690. CHART FAS OBST: 582 TOWER 361108N/0902229W. THIS IS NDB RWY 22, AMDT 1A.

FDC 1/0747 AUW FI/P WAUSAU DOWNTOWN, WAUSAU, WI. RNAV (GPS) RWY 12, ORIG ... CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) RWY 12, ORIG-A.

FDC 1/0749 HBZ FI/P HEBER SPRINGS MUNI, HEBER SPRINGS, AR. RNAV (GPS) RWY 23, ORIG... BATESVILLE RGNL ALTIMETER SETTING MINIMUMS LNAV MDA 1340/HAT 708 ALL CATS. THIS IS RNAV (GPS) RWY 23, ORIG-A.

FDC 1/0750 AUW FI/P WAUSAU DOWNTOWN, WAUSAU, WI. NDB OR GPS B, ORIG ... CIRCLING: MDA 1840/HAA 639 CAT A/B. ADD NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MOSINEE ALTIMETER SETTING AND INCREASE ALL MDA 40 FEET AND CAT C/D VISIBILITY 1/4 MILE. THIS IS NDB B, ORIG-A.

FDC 1/0754 ORD FI/P CHICAGO-O'HARE INTL, CHICAGO, IL. ILS OR LOC RWY 22L, AMDT 4H... CHANGE ALL REFERENCE TO LAIKE OM/INT ORD 5.7 DME TO LAIKE INT/ORD 5.7 DME. CHANGE RADAR REQUIRED NOTE TO A PLANVIEW NOTE. THIS IS ILS OR LOC RWY 22L, AMDT 4I.

FDC 1/0755 MFI FI/P MARSHFIELD MUNI, MARSHFIELD, WI. NDB RWY 16, AMDT 9A... DELETE TERMINAL ROUTE FROM WAUSAU (AUW) VORTAC TO MARSHFIELD (MFI) NDB. THIS IS NDB RWY 16, AMDT 9B.

FDC 1/0789 LNK FI/P LINCOLN, LINCOLN, NE. ILS OR LOC RWY 18, AMDT 6E... CIRCLING CAT A/B HAA 501, CAT C HAA 521, CAT D MDA 1820/HAA 601. THIS IS ILS OR LOC RWY 18, AMDT 6F.

FDC 1/0790 LNK FI/P LINCOLN, LINCOLN, NE. RNAV (GPS) RWY 14, ORIG... CIRCLING CAT D MDA 1820/HAA 601. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. THIS IS RNAV (GPS) RWY 14, ORIG-A.

FDC 1/0841 TCL FI/P TUSCALOOSA RGNL, TUSCALOOSA, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 2... TAKEOFF MINIMUMS: RWY 4, 300-2 OR STANDARD WITH MINIMUM CLIMB OF 271 FT PER NM TO 500. NOTE: RWY 4, TOWER 4604 FT FROM DER, 344 FT LEFT OF CENTERLINE, 125 FT AGL/320 FT MSL. TREES BEGINNING 1129 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 103 FT AGL/263 FT MSL. TREES BEGINNING 4525 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 95 FT AGL/330 FT AGL. TREES BEGINNING 1.3 NM FROM DER, 523 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/409 FT MSL. RWY 11, MULTIPLE TREES BEGINNING 562 FT FROM DER, 157 FT RIGHT OF CENTERLINE, UP TO 78 FT AGL/251 FT MSL. MULTIPLE TREES BEGINNING 575 FT FROM DER, 62 FT LEFT OF CENTERLINE, UP TO 78 FT AGL/216 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 2A.

FDC 1/0912 MFI FI/P MARSHFIELD MUNI, MARSHFIELD, WI. NDB OR GPS RWY 4, AMDT 13A... DELETE TERMINAL ROUTE WAUSAU (AUW) VORTAC TO MARSHFIELD (MFI) NDB. DELETE ALL REFERENCE TO (IHOJA). THIS IS NDB RWY 4, AMDT 13B.

FDC 1/0913 ROG FI/P ROGERS MUNI-CARTER FIELD, ROGERS, AR. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... NOTE: RWY 2, TREE 33 FT FROM DEPARTURE END OF RUNWAY, 396 FEET RIGHT OF CENTERLINE, 62 FT AGL/1382 FT MSL. MULTIPLE TREES BEGINNING 99 FT FROM DEPARTURE END OF RUNWAY, 430 FT LEFT OF CENTERLINE, UP TO 85 FT AGL/1385 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC 1/0914 TXK FI/P TEXARKANA REGIONAL-WEBB FIELD, TEXARKANA, AR. RNAV (GPS) RWY 31, ORIG-A... LNAV CAT D VIS 1 3/4. CIRCLING CAT A/B VIS 1. DELETE ALL REFERENCE TO VDP. DELETE PROFILE NOTE (ASTERISK) LNAV ONLY. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHANGE BARO-VNAV AND VDP NA WHEN USING J LYNN HELMS SEVIER COUNTY ALTIMETER SETTING NOTE TO READ: BARO-VNAV NA WHEN USING J LYNN HELMS SEVIER COUNTY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 31, ORIG-B.

FDC 1/0915 UWL FI/P NEW CASTLE-HENRY CO MUNI, NEW CASTLE, IN. NDB OR GPS RWY 9, AMDT 5A... MSA FROM UWL NDB 2900. THIS IS NDB OR GPS RWY 9, AMDT 5B.

FDC 1/0916 UWL FI/P NEW CASTLE-HENRY CO MUNI, NEW CASTLE, IN. NDB RWY 27, AMDT 5... MSA FROM UWL NDB 2900. THIS IS NDB RWY 27, AMDT 5A.

FDC 1/1096 C16 FI/P FRASCA FIELD, URBANA, IL. VOR/DME OR GPS B, AMDT 6... CIRCLING CATS A/B/C MDA 1260/HAA 525, CAT D MDA 1340/HAA 605. DECATUR ALTIMETER SETTING MINIMUMS: CIRCLING CATS A/B/C MDA 1400/HAA 665, CAT D MDA 1480/HAA 745, VIS CAT D 2 1/2. CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT. THIS IS VOR/DME OR GPS B, AMDT 6A.

FDC 1/1097 C16 FI/P FRASCA FIELD, URBANA, IL. VOR OR GPS A, AMDT 11... CMI 5.5 DME FIX MINIMUM ALTITUDE 1540. CHANGE PROFILE NOTE: (ASTERISK) 1680 WHEN USING DECATUR ALTIMETER SETTING. CIRCLING MDA 1540/HAA 805 ALL CATS. DME MINIMUMS: CIRCLING CAT D MDA 1340/HAA 605. CHART NOTE: CIRCLING TO RWY 36 NA AT NIGHT. THIS IS VOR OR GPS A, AMDT 11A.

FDC 1/1120 FKN FI/P FRANKLIN MUNI-JOHN BEVERLY ROSE, FRANKLIN, VA. RNAV (GPS) RWY 9, ORIG... CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE VDP ALTERNATE MINIMUMS: STANDARD. THIS IS RNAV (GPS) RWY 9, ORIG-A.

FDC 1/1121 FKN FI/P FRANKLIN MUNI-JOHN BEVERLY ROSE, FRANKLIN, VA. VOR RWY 9, AMDT 14B... CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ALTERNATE MINIMUMS: STANDARD. THIS IS VOR RWY 9, AMDT 14C

FDC 1/1122 FKN FI/P FRANKLIN MUNI-JOHN BEVERLY ROSE, FRANKLIN, VA. VOR/DME RWY 27, AMDT 9E... CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR/DME RWY 27, AMDT 9F.

FDC 1/1123 FKN FI/P FRANKLIN MUNI-JOHN BEVERLY ROSE, FRANKLIN, VA. RNAV (GPS) RWY 27, ORIG-A... CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. DELETE VDP. THIS IS RNAV (GPS) RWY 27, ORIG-B.

FDC 1/1176 4A7 FI/P CLAYTON COUNTY - TARA FIELD, HAMPTON, GA. RNAV (GPS) RWY 6, ORIG... LNAV MDA 1340/HAT 479 ALL CATS. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HARTSFIELD-JACKSON ATLANTA INTL ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND LNAV CATS C AND D VISIBILITY 1/4 MILE. CHART FAS OBST: 1071 ANTENNA 332125N/0842342W. THIS IS RNAV (GPS) RWY 6, ORIG-A.

FDC 1/1309 EBS FI/P WEBSTER CITY MUNI, WEBSTER CITY, IA. VOR/DME OR GPS RWY 14, AMDT 4... CHANGE (MAFED) TO MAFED/FOD 21.32 DME. S14 MDA 1680/HAT 563 ALL CATS. CIRCLING MDA 1680/HAA 558 ALL CATS. CHART TDZE: 1117. CHART AIRPORT ELEVATION 1122. THIS IS VOR/DME RWY 14, AMDT 4A.

FDC 1/1310 HYR FI/P SAWYER COUNTY, HAYWARD, WI. RNAV (GPS) RWY 2, ORIG-A... LNAV/VNAV VISIBILITY 2 1/2 ALL CATS. THIS IS RNAV (GPS) RWY 2, ORIG-B.

FDC 1/1312 HPT FI/P HAMPTON MUNI, HAMPTON, IA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3... TAKEOFF MINIMUMS: RWY 35, 300-1 OR STANDARD WITH A MINIMUM CLIMB OF 471 FT PER NM TO 1500. TAKEOFF OBSTACLE NOTES: NOTE: RWY 17, TOWER 238 FEET FROM DEPARTURE END OF RUNWAY, 536 FEET LEFT OF CENTERLINE, 30 FEET AGL/1188 FEET MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A.

FDC 1/1313 HPT FI/P HAMPTON MUNI, HAMPTON, IA. VOR/DME RWY 35, AMDT 1B... S-35: CAT A/B MDA 1980/HAT 805. CIRCLING: CAT A/B MDA 1980/HAA 804. DELETE NOTE: USE MASON CITY ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON CITY ALTIMETER SETTING. THIS IS VOR/DME RWY 35, AMDT 1C.

FDC 1/1314 HPT FI/P HAMPTON MUNI, HAMPTON, IA. RNAV (GPS) RWY 35, ORIG ... DELETE NOTE: USE MASON CITY ALTIMETER SETTING. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON CITY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 35, ORIG-A.

FDC 1/1315 HPT FI/P HAMPTON MUNI, HAMPTON, IA. RNAV (GPS) RWY 17, ORIG ... DELETE NOTE: USE MASON CITY ALTIMETER SETTING. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON CITY ALTIMETER SETTING. THIS IS RNAV (GPS) RWY 17, ORIG-A.

FDC 1/1316 HPT FI/P HAMPTON MUNI, HAMPTON, IA. NDB RWY 17, AMDT 4A ... DELETE NOTE: USE MASON CITY ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON CITY ALTIMETER SETTING. THIS IS NDB RWY 17, AMDT 4B.

FDC 1/1318 ENL FI/P CENTRALIA MUNI, CENTRALIA, IL. RNAV (GPS) RWY 36, ORIG... ALTERNATE MINIMUMS: STANDARD. DELETE VDP AND ASTERISK. DELETE FROM PROFILE (ASTERISK) LNAV ONLY. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE NOTE: BARO-VNAV NA BELOW -16C (4F). CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F). CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CIRCLING CAT A/B VIS 1. THIS IS RNAV (GPS) RWY 36, ORIG-A.

FDC 1/1322 ENL FI/P CENTRALIA MUNI, CENTRALIA, IL. RNAV (GPS) RWY 18, ORIG... ALTERNATE MINIMUMS: STANDARD. DELETE LNAV/VNAV MINIMUMS. DELETE NOTE: BARO-VNAV NA BELOW -16C (3F) DELETE VDP AND ASTERISK. DELETE FROM PROFILE (ASTERISK) LNAV ONLY. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. DELETE FROM PROFILE: GLIDESLOPE INTERCEPT ALTITUDE 2100. CHART MINIMUM ALTITUDE AT QIMLA 2100. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. CIRCLING CAT A/B VIS 1. MISSED APPROACH: CLIMB TO 2600 DIRECT YEJUL AND HOLD. THIS IS RNAV (GPS) RWY 18, ORIG-A.

FDC 1/1358 BFF FI/P WESTERN NEB. RGNL/WILLIAM B. HEILIG FIELD, SCOTTSBLUFF, NE. ILS OR LOC/DME RWY 12, ORIG... CHANGE ALL REFERENCE TO FERPO I-RMT 1.7 DME TO FERPO I-RMT 1.8 DME. THIS IS ILS OR LOC/DME RWY 12, ORIG-A.

FDC 1/1437 CEK FI/P CRETE MUNI, CRETE, NE. VOR/DME RWY 35, AMDT 3B... S-35 VIS CAT B 1 1/4. CIRCLING VIS CAT B 1 1/4. CHANGE ALTIMETER SETTING NOTE TO READ: USE LINCOLN ALTIMETER SETTING; WHEN NOT RECEIVED, USE BEATRICE ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. THIS IS VOR/DME RWY 35, AMDT 3C.

FDC 1/1547 13C FI/P LAKEVIEW AIRPORT-GRIFFITH FIELD, LAKEVIEW, MI. GPS RWY 27, ORIG... MSA FROM RW27 25 NM 3100. THIS IS GPS RWY 27, ORIG-A.

FDC 1/1550 13C FI/P LAKEVIEW AIRPORT-GRIFFITH FIELD, LAKEVIEW, MI. GPS RWY 9, ORIG... MSA FROM RW09 25 NM 3100. THIS IS GPS RWY 9, ORIG-A.

FDC 1/1693 HWY FI/P WARRENTON-FAUQUIER, WARRENTON, VA. RNAV (GPS) RWY 15, ORIG... CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CULPEPER ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. ALTERNATE MINIMUMS: STANDARD; EXCEPT NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 15, ORIG-A.

FDC 1/1694 HWY FI/P WARRENTON-FAUQUIER, WARRENTON, VA. VOR RWY 15, AMDT 4... CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CULPEPER ALTIMETER SETTING. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. ALTERNATE MINIMUMS: STANDARD, EXCEPT CAT D 800-2 1/4 AND NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE PROFILE NOTE: (ASTERISK) 1100 WHEN USING MANASSAS ALTIMETER SETTING. DELETE ASTERISK FROM MABEE FIX ALTITUDE. THIS IS VOR RWY 15, AMDT 4A.

FDC 1/1695 MEM FI/P MEMPHIS INTL, MEMPHIS, TN. RNAV (GPS) RWY 36C, AMDT 1... LNAV/VNAV DA 765/HAT 424, VISIBILITY RVR 5000 ALL CATS. CIRCLING MDA 940/HAA 599 ALL CATS. THIS IS RNAV (GPS) RWY 36C, AMDT 1A.

FDC 1/1790 SUT FI/P BRUNSWICK COUNTY, OAK ISLAND, NC. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... CHANGE AIRPORT NAME FROM BRUNSWICK COUNTY TO CAPE FEAR RGNL JETPORT/HOWIE FRANKLIN FLD. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC 1/1798 BKV FI/P HERNANDO COUNTY, BROOKSVILLE, FL. ILS RWY 9, AMDT 2A... CHANGE PIE R-001 TO READ PIE R-007 AT BROAD INT. CHANGE PIE R-039 TO READ PIE R-045 AT DADES INT. DELETE NOTE: RADAR REQUIRED CHART PLANVIEW NOTE: RADAR REQUIRED DELETE PROFILE NOTE: PROCEDURE TURN NA THIS IS ILS OR LOC RWY 9, AMDT 2B.

FDC 1/1879 SPG FI/P ALBERT WHITTED, ST PETERSBURG, FL. RNAV (GPS) RWY 18, ORIG-A... CHANGE PLANVIEW NOTE TO READ: NOPT FOR ARRIVAL ON PIE VORTAC AIRWAY RADIALS 336 CW 067. THIS IS RNAV (GPS) RWY 18, ORIG-B.

FDC 1/1889 HOC FI/P HIGHLAND COUNTY, HILLSBORO, OH. NDB OR GPS RWY 23, AMDT 4... TERMINAL ROUTE: YORK (YRK) VORTAC TO HILLSBORO (HOC) NDB MINIMUM ALTITUDE 3300. MSA FROM HOC NDB 2700. THIS IS NDB OR GPS RWY 23, AMDT 4A.

FDC 1/1893 BQP FI/P MOREHOUSE MEMORIAL, BASTROP, LA. NDB RWY 34, AMDT 6A... CHART AIRPORT ELEVATION 168. CHART TDZE 168. THIS IS NDB RWY 34, AMDT 6B.

FDC 1/1896 BQP FI/P MOREHOUSE MEMORIAL, BASTROP, LA. VOR/DME A, AMDT 9A... CIRCLING CATS A/B MDA 720/HAA 552. CHART AIRPORT ELEVATION 168. THIS IS VOR/DME A, AMDT 9B

FDC 1/1912 OBI FI/P WOODBINE MUNI, WOODBINE, NJ. RNAV (GPS) RWY 1, ORIG... LNAV MDA 440/HAT 399 ALL CATS. MAUCK TO RW01: 3.05/40. CHART FAS OBST: 181 TOWER 391137N/0744837W. CHART VDP AT 1.16 MILES TO RW01. THIS IS RNAV (GPS) RWY 1, ORIG-A.

FDC 1/1935 PVD FI/P THEODORE FRANCIS GREEN STATE, PROVIDENCE, RI. RNAV (GPS) RWY 34, ORIG-C... LNAV MDA 520/HAT 469 ALL CATS. CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CAT C VISIBILITY TO RVR 6000 AND CAT D VISIBILITY TO 1 1/2 MILE. DELETE NOTE: FOR INOPERATIVE MALSR, INCREASE LNAV CATS C AND D VISIBILITY TO RVR 6000; INOPERATIVE TABLE DOES NOT APPLY TO LNAV CATS A AND B. CHART FAS OBST: 257 WATER TANK 414107N/0712235W DELETE: WAAS SYMBOL CHANGE PROFILE NOTE TO READ: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 34, ORIG-D.

FDC 1/1936 TTN FI/P TRENTON MERCER, TRENTON, NJ. VOR OR GPS RWY 24, AMDT 4A... S-24 MDA 640/HAT 448 ALL CATS. CIRCLING CATS A/B/C HAA 468, CAT D HAA 568. CHART TDZE: 192 CHART APT ELEV: 212 RENZE TO RW24: 2.95/42 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART FAS OBST: 379 TOWER 401839.43N/0744528.46W. THIS IS VOR OR GPS RWY 24, AMDT 4B.

FDC 1/1938 M91 FI/P SPRINGFIELD ROBERTSON COUNTY, SPRINGFIELD, TN. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... ADD NOTE: RWY 4, NUMEROUS TREES BEGINNING 495 FT FROM DER, 110 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/800 FT MSL. POLE 599 FT FROM DER, 384 FT RIGHT OF CENTERLINE, 25 FT AGL/ 735 FT MSL. TERRAIN 129 FT FROM DER, 495 FT RIGHT OF CENTERLINE, 715 FT MSL. NUMEROUS TREES BEGINNING 773 FT FROM DER, 230 FT LEFT OF CENTERLINE, UP TO 94 FT AGL/784 FT MSL. NUMEROUS TRANSMISSION POLES BEGINNING 1,444 FT FROM DER, 230 FT LEFT OF CENTERLINE, UP TO 38 FT AGL/748 MSL. ADD NOTE: RWY 22, POST 118 FT FROM DER, 404 FT LEFT OF CENTERLINE, 10 FT AGL/720 FT MSL. REST OF DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, ORIG-A.

FDC 1/1939 N07 FI/P LINCOLN PARK, LINCOLN PARK, NJ. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES ORIG... ADD NOTE: RWY 19, TOWERS 4,200 FT FROM DER, 96 FT RIGHT OF CENTERLINE, 132 FT AGL/307 FT MSL. REST OF DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES , ORIG-A.

FDC 1/1942 MQY FI/P SMYRNA, SMYRNA, TN. ILS RWY 32, AMDT 5B... CIRCLING CATS A/B MDA 1100/HAA 557. NASHVILLE ALTIMETER SETTING MINIMUMS: CIRCLING CATS A/B MDA 1200/HAA 657. CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. DELETE NOTE: OBTAIN LOCAL ALTIMETER SETTING ON CTAF, WHEN NOT RECEIVED USE NASHVILLE ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NASHVILLE ALTIMETER SETTING. THIS IS ILS OR LOC RWY 32, AMDT 5C.

FDC 1/1974 LAL FI/P LAKELAND LINDER RGNL, LAKELAND, FL. VOR RWY 27, AMDT 7A... CHANGE MISSED APPROACH HOLDING TO READ: HOLD NE, RT, 246.70 INBOUND. CHART PIE VORTAC R-067 AT PLUMY INT/PIE 33.35 DME. THIS IS VOR RWY 27, AMDT 7B.

FDC 1/1975 LAL FI/P LAKELAND LINDER RGNL, LAKELAND, FL. VOR RWY 9, AMDT 4... CHANGE MISSED APPROACH HOLDING TO READ: HOLD NE, RT, 246.70 INBOUND. CHART PIE VORTAC R-067 AT PLUMY INT/PIE 33.35 DME. THIS IS VOR RWY 9, AMDT 4A.

FDC 1/1977 LAL FI/P LAKELAND LINDER RGNL, LAKELAND, FL. NDB RWY 5, AMDT 4A... CHANGE MISSED APPROACH HOLDING TO READ: HOLD NE, RT, 246.70 INBOUND. CHART PIE VORTAC R-067 AT PLUMY INT/PIE 33.35 DME. THIS IS NDB RWY 5, AMDT 4B.

FDC 1/1978 LAL FI/P LAKELAND LINDER RGNL, LAKELAND, FL. ILS OR LOC RWY 5, AMDT 7A... CHANGE MISSED APPROACH HOLDING TO READ: HOLD NE, RT, 246.70 INBOUND. CHART PIE VORTAC R-067 AT PLUMY INT/33.35 DME. THIS IS ILS OR LOC RWY 5, AMDT 7B.

FDC 1/2194 TVC FI/P CHERRY CAPITAL, TRAVERSE CITY, MI. GPS RWY 36, ORIG-A... S-36 MDA 1280/HAT 656 ALL CATS. VIS CAT C 1 3/4, CAT D 2. CIRCLING CATS A/B/C MDA 1280/HAA 656. THIS IS GPS RWY 36, ORIG-B.

FDC 1/2195 IND FI/P INDIANAPOLIS INTL, INDIANAPOLIS, IN ILS OR LOC RWY 5L AMDT, 3A ILS OR LOC RWY 5L (CAT II), AMDT 3A ILS OR LOC RWY 5L (CAT III), AMDT 3A CAT IIIB VISIBILITY RVR 700. CHART CAT III NOTE: LOCALIZER NOT SUITABLE FOR ELECTRONIC ROLLOUT GUIDANCE. THIS IS ILS OR LOC RWY 5L, AMDT 3B...ILS OR LOC RWY 5L (CAT II), AMDT 3B...ILS OR LOC RWY 5L (CAT III), AMDT 3B

FDC 1/2497 ORD FI/P CHICAGO O'HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 14L, AMDT 1B... CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 14L, AMDT 1C.

FDC 1/2499 ORD FI/P CHICAGO O'HARE INTL, CHICAGO, IL. RNAV (GPS) RWY 28, AMDT 2A... CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 28, AMDT 2B.

FDC 1/2500 ORD FI/P CHICAGO-O'HARE INTL,CHICAGO, IL. ILS OR LOC RWY 14L, AMDT 29B... ILS RWY 14L (CAT II), AMDT 29B... ILS RWY 14L (CAT III), AMDT 29B... CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. THIS IS ILS OR LOC RWY 14L AMDT 29C, ILS RWY 14L (CAT II) AMDT 29C, ILS RWY 14L (CAT III) AMDT 29C.

FDC 1/2602 ABE FI/P LEHIGH VALLEY INTL, ALLENTOWN, PA. RNAV (GPS) RWY 31, AMDT 1A... CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT. THIS IS RNAV (GPS) RWY 31, AMDT 1B.

FDC 1/2664 OFP FI/P HANOVER COUNTY MUNI, RICHMOND/ASHLAND, VA. RNAV (GPS) RWY 16, ORIG... LNAV MDA 700/HAT 493 ALL CATS. CIRCLING CAT A MDA 700/HAA 493. CHART FAS OBST: 433 TOWER 374611N/0772806W DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICHMOND INTL ALTIMETER SETTING AND INCREASE ALL DAS 37 FEET AND ALL MDAS 40 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE RICHMOND INTL ALTIMETER SETTING AND INCREASE ALL DA 37 FEET AND ALL MDA 40 FEET; INCREASE LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 1/4 MILE. THIS IS RNAV (GPS) RWY 16, ORIG-A.

FDC 1/2665 AAS FI/P TAYLOR COUNTY, CAMPBELLSVILLE, KY. SDF RWY 23, AMDT 2A... TERMINAL ROUTE EWO VOR/DME TO TYC NDB MNM ALT 3100. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-23 CATS C/D VISIBILITY 1/4 MILE. THIS IS SDF RWY 23, AMDT 2B.

FDC 1/2667 AAS FI/P TAYLOR COUNTY, CAMPBELLSVILLE, KY. NDB OR GPS RWY 23, AMDT 3A... TERMINAL ROUTE EWO VOR/DME TO TYC NDB MNM ALT TO 3100. DELETE NOTE: IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-23 CATS C/D VISIBILITY 1/4 MILE. THIS IS NDB OR GPS RWY 23, AMDT 3B.

FDC 1/2724 MEM FI/P MEMPHIS INTL, MEMPHIS, TN. RNAV (GPS) RWY 36L, AMDT 1... LNAV/VNAV DA 760/HAT 439 ALL CATS. CIRCLING MDA 940/HAA 599 ALL CATS. THIS IS RNAV (GPS) RWY 36L, AMDT 1A.

FDC 1/2726 FLL FI/P FORT LAUDERDALE/HOLLYWOOD INTL, FORT LAUDERDALE, FL. ILS OR LOC RWY 27R, AMDT 9... S-LOC 27R 520/HAT 513 ALL CATS. VIS CAT C RVR 5000, CAT D RVR 6000. CHART FAS OBST: 200 SHIP 260448N/0800654W DELETE VDP AT 2.5 DME; DISTANCE TO THLD 1.08 NM. CHART VDP AT 2.82 DME; DISTANCE TO THLD 1.39 NM. THIS IS ILS OR LOC RWY 27R, AMDT 9A.

FDC 1/2727 MDQ FI/P MADISON COUNTY EXECUTIVE/TOM SHARP JR FLD, HUNTSVILLE, AL. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3... ADD NOTE: RWY 18, MULTIPLE TREES BEGINNING 1,194 FT FROM DER, 478 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/822 FT MSL. ADD NOTE: RWY 36, MULTIPLE TREES BEGINNING 720 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/926 FT MSL. ALL OTHER DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES, AMDT 3A.

FDC 1/2746 CCO FI/P NEWNAN COWETA COUNTY, ATLANTA, GA. TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES AMDT 3A... ADD NOTE: RWY 14, TREES BEGINNING 832 FT FROM DER, 346 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/999 FT MSL. TREES 253 FT FROM DER, 443 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/944 FT MSL. ADD NOTE: RWY 32, TREES BEGINNING 975 FT FROM DER, 21 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/1051 FT MSL. UTILITY TOWER 1,063 FT FROM DER, 320 FT RIGHT OF CENTERLINE, 65 FT AGL/997 FT MSL. FENCE 1, 286 FT FROM DER, 550 FT RIGHT OF CENTERLINE, 25 FT AGL/1,005 FT MSL. TREES BEGINNING 167 FT FROM DER, 1 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1,048 FT MSL. UTILITY TOWERS BEGINNING 135 FT FROM DER, 36 FT LEFT OF CENTERLINE, UP TO 65 FT AGL/1,032 FT MSL. REST OF DATA REMAINS AS PUBLISHED. THIS IS TAKEOFF MINIMUMS AND (OBSTACLE) DEPARTURE PROCEDURES , AMDT 3B.

FDC 1/2764 VNC FI/P VENICE MUNI, VENICE, FL. NDB RWY 31, AMDT 2... TERMINAL ROUTE FROM SRQ VORTAC TO VNC NDB COURSE 165.97. THIS IS NDB RWY 31, AMDT 2A.

FDC 1/2971 PWM FI/P PORTLAND INTL JETPORT, PORTLAND, ME. RNAV (GPS) RWY 36, ORIG-B... LNAV/VNAV DA NA. LNAV MDA 520/HAT 471 ALL CATS. VISIBILITY CAT D 1 1/2. CIRCLING CATS A/B HAA 544, CAT C HAA 564, CAT D HAA 664. VIS CAT A/B 1. MINIMUM ALTITUDE AT ZIRSO 1800. DELETE GLIDESLOPE INTERCEPT ALTITUDE 1800. CHART ARPT ELEV 76. ALTERNATE MINIMUMS: STANDARD. DELETE WAAS SYMBOL. DELETE NOTE: BARO-VNAV NA BELOW -15 C (5 F). THIS IS RNAV (GPS) RWY 36, ORIG-C.

FDC 1/3435 GCD FI/P GRANT CO RGNL/OGILVIE FIELD, JOHN DAY, OR. RNAV (GPS) Y RWY 9, ORIG... CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS RNAV (GPS) Y RWY 9, ORIG-A.

FDC 1/3700 EKQ FI/P WAYNE COUNTY, MONTICELLO, KY. GPS RWY 21, ORIG... S-21 MDA 1740/HAT 777 ALL CATS. VIS CAT B 1 1/4, CAT C 2 1/4, CAT D 2 1/2. CIRCLING MDA 1840/HAA 877 CATS A/B/C, CAT D MDA 2120/HAA 1157. CHART PROFILE NOTE: ZUGTO TO RW21: 2.98/40. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING. DELETE: 3 NM TO RW21 ALONG TRACK DISTANCE FIX AND ALTITUDE. THIS IS GPS RWY 21, ORIG-A.

FDC 1/3702 EKQ FI/P WAYNE COUNTY, MONTICELLO, KY. GPS RWY 3, ORIG... S-3 MDA 1680/HAT 719 ALL CATS. VIS CAT C 2, CAT D 2 1/4. CIRCLING MDA 1840/HAA 877 CATS A/B/C, CAT D MDA 2120/HAA 1157. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. CHART PROFILE NOTE: 3 NM FIX TO RW03: 3.21/40. CHART TDZE 961. CHANGE ALTIMETER SETTING NOTE TO READ: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SOMERSET ALTIMETER SETTING. THIS IS GPS RWY 3, ORIG-A.