US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JAYCC (IAF)	IGLAW (NOPT) (FB)	326.11 / 5.00	3100
FEROM (IAF)	IGLAW (NOPT) (FB)	146.01 / 5.00	3100
IGLAW (IF/IAF)	DUBWY (FB)	236.06 / 6.10	2700

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW24

CLIMB TO 2700 DIRECT LNDEN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD SW, RT, 055.80 INBOUND.
CHART FAS OBST: 1127 ANTENNA ON OL TOWER 421639N/0842556W
CHART FAS OBST: 1255 TOWER 421633N/0842418W
DISTANCE TO THLD FROM 200 HAT: 0.51 NM.
WAAS CHANNEL # 82212
REFERENCE PATH ID: W24A

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE IGLAW, RT, 236.06 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 235.99 FAF: DUBWY DIST FAF TO MAP: 5.15 THLD: 5.15
4. MIN. ALT: IGLAW 3100, DUBWY 2700, HERMY/2.00 NM TO RW24 1660*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2700 GS ALT AT: DUBWY 2700 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 47.4 34:1 IS CLEAR
8. MSA FROM:

MAG VAR: 5W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1199	1/2	200	1199	1/2	200	1199	1/2	200	1199	1/2	200			
LNAV/VNAV DA	1409	1	410	1409	1	410	1409	1	410	1409	1	410			
LNAV MDA	1560	1/2	561	1560	1/2	561	1560	1	561	1560	1 1/4	561			
CIRCLING	1560	1	559	1560	1	559	1560	1 1/2	559	1640	2	639			

NOTES:
CHART NOTE: BARO-VNAV NA WHEN USING MASON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 47C (116F).
CHART NOTE: DME/DME RNP-0.3 NA.
*LNAV ONLY
SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 24, ORIG 22 OCT 2009	AMDT: NONE
				DATED

NOTES CONT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL DA 54 FEET, ALL MDA 60 FEET. INCREASE LNAV/VNAV ALL CATS, LNAV AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

TAA

	FROM	TO	ALT
1.	146/30 CW 326/30 (NOPT)	IGLAW (IF/IAF) (FB)	3100
2.	326/30 CW 056/30	JAYCC (IAF) (FB)	3100
3.	056/30 CW 146/30	FEROM (IAF) (FB)	3100

QUALITY CHECKED 2

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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	KJXN
RUNWAY	RW24
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W24A
LTP/FTP LATITUDE	421555.2605N
LTP/FTP LONGITUDE	0842704.8455W
LTP/FTP ELLIPSOIDAL HEIGHT	+02674
FPAP LATITUDE	421521.9600N
FPAP LONGITUDE	0842800.0700W
THRESHOLD CROSSING HEIGHT (TCH)	00047.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	87.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	2FC8CC5A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03016
FPAP ORTHOMETRIC HEIGHT	+03016

QUALITY 2 CHECKED

CITY AND STATE				
JACKSON, MI	ELEVATION: 1001 TDZE: 999 AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 22 OCT 2009	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   DUBWY K50    W     N42190992W084214153                              NAR           DUBWY
        SUSAEAENRT   FEROM K50    W     N42265358W084193240                              NAR           FEROM
        SUSAEAENRT   HERMY K50    W     N42171090W084245933                              NAR           HERMY
        SUSAEAENRT   IGLAW K50    W     N42230024W084151772                              NAR           IGLAW
        SUSAEAENRT   JAYCC K50    W     N42190674W084110356                              NAR           JAYCC
        SUSAEAENRT   LNDEN K50    W     N42081964W084393805                              NAR           LNDEN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5AJXN     0     053YHN42153750W084273760W005001001         1800018000C    MNAR    JACKSON COUNTY-REYNOLDS FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5FR24   AFEROM 010FEROMK5EA0E  A    IF                                                18000                A JS
        SUSAP KJXNK5FR24   AFEROM 020IGLAWK5EA0EE   010TF                    14600050    + 03100                                A JS
        SUSAP KJXNK5FR24   AIGLAW 010IGLAWK5EA0EE AR   HF                    23610040    + 03100     18000                      A JS
        SUSAP KJXNK5FR24   AJAYCC 010JAYCCK5EA0E  A    IF                                                18000                A JS
        SUSAP KJXNK5FR24   AJAYCC 020IGLAWK5EA0EE   010TF                    32610050    + 03100                                A JS
        SUSAP KJXNK5FR24   R      010IGLAWK5EA0E  I    IF                                + 03100     18000                      A JS
        SUSAP KJXNK5FR24   R      020DUBWYK5EA1E  F 051TF                    23610061    + 02700                                A JS
        SUSAP KJXNK5FR24   R      020DUBWYK5EA2WALPV       ALNAV/VNAV ALNAV                                                      JS
        SUSAP KJXNK5FR24   R      021HERMYK5EA0E S  031TF                    23600032    V 0166001678        -300               A JS
        SUSAP KJXNK5FR24   R      030RW24 K5PG0GY M 031TF                    23600020      01037             -300               A JS
        SUSAP KJXNK5FR24   R      040LNDENK5EA0EYM  010DF                                + 02700                                A JS
        SUSAP KJXNK5FR24   R      050LNDENK5EA0EE  R020HM                    05580040    + 02700                                A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5GRW24    0053492359 N42155526W084270485+0100    +0267400989000047150I
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 24, ORIG 22 OCT 2009	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 KJXNK5PR24   RW24 001 0000W24A0N4215552605W08427048455+026740300N4215219600W084280007000877500000000474F4003502FC8CC5A
        SUSAP KJXNK5PR24   RW24 002E      +03016+03016LPV       82212
```

QUALITY CHECKED

CITY AND STATE				
JACKSON, MI	ELEVATION: 1001 TDZE: 999 AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 24, ORIG 22 OCT 2009	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 FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	FEROM	FEROM	010	IAF	IF		FB				
	FEROM	IGLAW	020		TF		FB	1.0	146.0(141T)	005.0	03100
	IGLAW	IGLAW	010	IAF	HF	R	FO		236.1(231T)	004.0	03100
	JAYCC	JAYCC	010	IAF	IF		FB				
	JAYCC	IGLAW	020		TF		FB	1.0	326.1(321T)	005.0	03100
		IGLAW	010	FACF	IF		FB				03100
		DUBWY	020	FAF	TF		FB	0.5	236.1(231T)	006.1	02700
		HERMY	021	SDF	TF		FB	0.3	236.0(231T)	003.2	0166001678
		RW24	030	MAP	TF		FO	0.3	236.0(231T)	002.0	01037

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LNDEN	040		DF		FO	1.0			02700
	LNDEN	050		HM	R	FO	2.0	055.8(051T)	004.0	02700

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	DUBWY	N421909.92	W0842141.53	N4219.165	W08421.692
	FEROM	N422653.58	W0841932.40	N4226.893	W08419.540
	HERMY	N421710.90	W0842459.33	N4217.182	W08424.989
	IGLAW	N422300.24	W0841517.72	N4223.004	W08415.295
	JAYCC	N421906.74	W0841103.56	N4219.112	W08411.059
	LNDEN	N420819.64	W0843938.05	N4208.327	W08439.634
	RW24	N421555.26	W0842704.85	N4215.921	W08427.081

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW24	00989	47

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 24, ORIG 22 OCT 2009	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
CIPOR (IAF)	JERIK (NOPT) (FB)	048.37 / 5.00	3100
WYLLD (IAF)	JERIK (NOPT) (FB)	228.47 / 5.00	3100
JERIK (IF/IAF)	KUSRE (FB)	318.42 / 6.10	2700

MISSED APPROACH

LNAV: RW32

CLIMB TO 3000 DIRECT RIGSE AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NW, RT, 138.17 INBOUND.
CHART FAS OBST: 1339 TOWER 421317N/0842604W
KUSRE TO RW32: 3.04/45.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SE JERIK, RT, 318.42 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 318.36 FAF: KUSRE DIST FAF TO MAP: 5.12 THLD: 5.12
4. MIN. ALT: JERIK 3100, KUSRE 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: 5W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1560	1	559	1560	1	559	1560	1 1/2	559	1560	1 3/4	559			
CIRCLING	1560	1	559	1560	1	559	1560	1 1/2	559	1640	2	639			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 1001 TDZE: 1001	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 32, ORIG 22 OCT 2009	AMDT: NONE DATED

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

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

TAA

	FROM	TO	ALT
1.	228/30 CW 048/30 (NOPT)	JERIK (IF/IAF) (FB)	3100
2.	048/30 CW 138/30	CIPOR (IAF) (FB)	3100
3.	138/30 CW 228/30	WYLLD (IAF) (FB)	3100

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 1001 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 32, ORIG 22 OCT 2009	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CIPOR K50    W     N42040199W084210349                              NAR           CIPOR
        SUSAEAENRT   JERIK K50    W     N42074007W084162664                              NAR           JERIK
        SUSAEAENRT   KUSRE K50    W     N42115149W084222414                              NAR           KUSRE
        SUSAEAENRT   RIGSE K50    W     N42233450W084391038                              NAR           RIGSE
        SUSAEAENRT   WYLLD K50    W     N42111796W084114926                              NAR           WYLLD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5AJXN     0     053YHN42153750W084273760W005001001         1800018000C    MNAR    JACKSON COUNTY-REYNOLDS FIELD

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5FR32   ACIPOR 010CIPORK5EA0E  A    IF                                                18000                B JS
        SUSAP KJXNK5FR32   ACIPOR 020JERIKK5EA0EE   010TF                    04840050    + 03100                                B JS
        SUSAP KJXNK5FR32   AJERIK 010JERIKK5EA0EE AR   HF                    31840040    + 03100     18000                  B JS
        SUSAP KJXNK5FR32   AWYLLD 010WYLLDK5EA0E  A    IF                                        18000                B JS
        SUSAP KJXNK5FR32   AWYLLD 020JERIKK5EA0EE   010TF                    22850050    + 03100                                B JS
        SUSAP KJXNK5FR32   R      010JERIKK5EA0E  I    IF                                + 03100     18000                  B JS
        SUSAP KJXNK5FR32   R      020KUSREK5EA1E  F 051TF                    31840061    + 02700                                B JS
        SUSAP KJXNK5FR32   R      020KUSREK5EA2WN          N          ALNAV                                                   JS
        SUSAP KJXNK5FR32   R      030RW32 K5PG0GY M 031TF                    31840051      01046             -304             B JS
        SUSAP KJXNK5FR32   R      040RIGSEK5EA0EYM  010DF                              + 03000                                B JS
        SUSAP KJXNK5FR32   R      050RIGSEK5EA0EE  R020HM                    13820040    + 03000                                B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KJXNK5GRW32    0040003183 N42152247W084272507-0700    +0270801001000045100R
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 1001	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 32, ORIG 22 OCT 2009	AMDT: NONE
				DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CIPOR	CIPOR	010	IAF	IF		FB				
	CIPOR	JERIK	020		TF		FB	1.0	048.4(043T)	005.0	03100
	JERIK	JERIK	010	IAF	HF	R	FO		318.4(313T)	004.0	03100
	WYLLD	WYLLD	010	IAF	IF		FB				
	WYLLD	JERIK	020		TF		FB	1.0	228.5(224T)	005.0	03100
		JERIK	010	FACF	IF		FB				03100
		KUSRE	020	FAF	TF		FB	0.5	318.4(313T)	006.1	02700
		RW32	030	MAP	TF		FO	0.3	318.4(313T)	005.1	01046

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	RIGSE	040		DF		FO	1.0			03000
	RIGSE	050		HM	R	FO	2.0	138.2(133T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CIPOR	N420401.99	W0842103.49	N4204.033	W08421.058
	JERIK	N420740.07	W0841626.64	N4207.668	W08416.444
	KUSRE	N421151.49	W0842224.14	N4211.858	W08422.402
	RIGSE	N422334.50	W0843910.38	N4223.575	W08439.173
	WYLLD	N421117.96	W0841149.26	N4211.299	W08411.821
	RW32	N421522.47	W0842725.07	N4215.375	W08427.418

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	01001	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 1001	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
JACKSON, MI	AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	RNAV	RNAV (GPS) RWY 32, ORIG 22 OCT 2009	AMDT: NONE DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 6, 14, 24, 32, STANDARD

(2) TEXTUAL DEPARTURE PROCEDURE:

(3) TAKEOFF OBSTACLE NOTES:NOTE: RWY 6, ANTENNA 3131' FROM DER, 1331' LEFT OF CENTERLINE, 75' AGL/1075' MSL. NOTE: RWY 14, TANK 2617' FROM DER, 373' LEFT OF CENTERLINE, 107' AGL/1107' MSL. ANTENNA 3102' FROM DER, 597' LEFT OF CENTERLINE, 111' AGL/1111' MSL. TREES BEGINNING 1137' FROM DER, 8' LEFT OF CENTERLINE, UP TO 84' AGL/1083' MSL. TREES AND POLES BEGINNING 518' FROM DER, 13' RIGHT OF CENTERLINE, UP TO 114' AGL/1113' MSL. ROAD PLUS VEHICLE 541' FROM DER, 245' RIGHT OF CENTERLINE, 15' AGL/1015' MSL. NOTE: RWY 24, TREES AND POLES BEGINNING 367' FROM DER, 48' LEFT OF CENTERLINE, UP TO 80' AGL/1079' MSL. BUILDINGS BEGINNING 125' FROM DER, 372' LEFT OF CENTERLINE, 23' AGL/1022' MSL. FENCE BEGINNING 88' FROM DER, 247' RIGHT OF CENTERLINE, 10' AGL/1002' MSL. ROAD PLUS VEHICLE 306' FROM DER, 3' RIGHT OF CENTERLINE, 15' AGL/1007' MSL. TREES BEGINNING 1231' FROM DER, 232' RIGHT OF (CONT'D)

(4) CONTROLLING OBSTACLES:

QUALITY CHECKED 2

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
JACKSON, MI	JACKSON COUNTY-REYNOLDS FIELD	22 OCT 2009	5

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

CENTERLINE, UP TO 62' AGL/1051' MSL. LOCALIZER OL 140' FROM DER, ON CENTERLINE, 10' AGL/999' MSL. NOTE: RWY 32, TREES AND POLES BEGINNING 169' FROM DER, 69' LEFT OF CENTERLINE, UP TO 104' AGL/1093' MSL. FENCE BEGINNING 475' FROM DER, 148' LEFT OF CENTERLINE, UP TO 10' AGL/985' MSL. TREES BEGINNING 94' FROM DER, 5' RIGHT OF CENTERLINE, UP TO 103' AGL/1092' MSL. FENCE BEGINNING 278' FROM DER, 367' RIGHT OF CENTERLINE, UP TO 10' AGL/999' MSL.

QUALITY 2 CHECKED

City, State	Airport	Effective Date	Amdt. No.
JACKSON, MI	JACKSON COUNTY-REYNOLDS FIELD	22 OCT 2009	5

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: JXN VOR/DME

CLIMBING LEFT TURN TO 3000 VIA JXN VOR/DME R-344 TO LESSY INT/JXN 11.42 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.59 INBOUND.
CHART FAS OBST: 1159 TOWER 421429N/0842741W
CHART 1296 TOWER 421130N/0843637W.
FAC CROSSES RWY C/L EXTENDED 3002 FROM THLD.

1. PT **L** SIDE OF COURSE **241.65** OUTBOUND **2700** FT WITHIN **10** MILES OF **JXN VOR/DME** (IAF)
2.
3. FAC **061.65** FAF DIST FAF TO MAP THLD
4. MIN. ALT **DIPFE/3.00 DME 1660***
8. MSA FROM: **JXN VOR/DME 090-270 2600, 270-090 3100**

MAG VAR: **5W** EPOCH YEAR: **1985**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-6	**1660**	**1**	**661**	**1660**	**1**	**661**	**1660**	**1 3/4**	**661**	**1660**	**2**	**661**			
CIRCLING	**1660**	**1**	**659**	**1660**	**1**	**659**	**1660**	**1 3/4**	**659**	**1660**	**2**	**659**			
DIPFE FIX MINIMUMS															
S-6	**1460**	**1**	**461**	**1460**	**1**	**461**	**1460**	**1 1/4**	**461**	**1460**	**1 1/2**	**461**			
CIRCLING	**1520**	**1**	**519**	**1520**	**1**	**519**	**1520**	**1 1/2**	**519**	**1640**	**2**	**639**			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
***1720 WHEN USING MASON ALTIMETER SETTING.**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET. INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY 6
JACKSON, MI	AIRPORT NAME: **JACKSON COUNTY-REYNOLDS FIELD**	**JXN**	**VOR RWY 6, AMDT 20** 22 OCT 2009	AMDT **19**
				DATE **03/15/2007**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

MAP: JXN VOR/DME

CLIMBING RIGHT TURN TO 3000 VIA JXN R-270 TO ECKDO INT/JXN 12.90 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.00 INBOUND.
CHART FAS OBST: 1139 TREE 421632N/0842722W
FAS OBST: 1269 AAO 421819N/0843650W
DIRVE TO RW14: 2.78/45.
CHART: MAX 6000 AT JXN VOR/DME
CHART TDZE 996
FAC CROSSES RWY C/L EXTENDED 2994 FROM THLD.

1. PT **L** SIDE OF COURSE **313.46** OUTBOUND **2700** FT WITHIN **10** MILES OF **JXN VOR/DME** (IAF)
2.
3. FAC **133.46** FAF DIST FAF TO MAP THLD
4. MIN. ALT **DIRVE/JXN 2.40 DME 1580***
8. MSA FROM: **JXN VOR/DME 090-270 2600, 270-090 3100**

MAG VAR: **5W** EPOCH YEAR: **1985**

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-14	1580	1	584	1580	1	584	1580	1 1/2	584	1580	1 3/4	584			
CIRCLING	1580	1	579	1580	1	579	1580	1 1/2	579	1640	2	639			
DIRVE FIX MINIMUMS															
S-14	1400	1	404	1400	1	404	1400	1 1/4	404	1400	1 1/4	404			
CIRCLING	1520	1	519	1520	1	519	1520	1 1/2	519	1640	2	639			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
***1640 WHEN USING MASON ALTIMETER SETTING.**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 996	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY 14
JACKSON, MI	AIRPORT NAME: **JACKSON COUNTY-REYNOLDS FIELD**	**JXN**	**VOR RWY 14, AMDT 20** 22 OCT 2009	AMDT 19
				DATE 03/15/2007

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JXN VOR/DME	DILAN INT	144.78 / 5.00	2700

MISSED APPROACH

MAP: JXN VOR/DME

CLIMB TO 3000 VIA JXN R-344 TO LESSY INT/JXN 11.42 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 095.59 INBOUND.
CHART FAS OBST: 1180 TWR 421352N/0842644W
CHART 1339 TOWER 421317N/0842604W.
DILAN TO RW32: 3.04/45.
FAC CROSSES RWY C/L EXTENDED 3154 FROM THLD.

1. PT L SIDE OF COURSE 144.78 OUTBOUND 2700 FT WITHIN 10 MILES OF DILAN INT (IAF)
2.
3. FAC 324.78 FAF DILAN INT DIST FAF TO MAP THLD 4.82
4. MIN. ALT DILAN 2600, TOTHY/1.90 DME 1600*
8. MSA FROM: JXN VOR/DME 090-270 2600, 270-090 3100

MAG VAR: 5W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-32	1600	1	599	1600	1	599	1600	1 1/2	599	1600	1 3/4	599			
CIRCLING	1600	1	599	1600	1	599	1600	1 1/2	599	1640	2	639			
TOTHY FIX MINIMUMS															
S-32	1460	1	459	1460	1	459	1460	1 1/4	459	1460	1 1/2	459			
CIRCLING	1520	1	519	1520	1	519	1520	1 1/2	519	1640	2	639			

NOTES:

CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
*1660 WHEN USING MASON ALTIMETER SETTING.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 1001 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP VOR OR GPS RWY 32
JACKSON, MI	JACKSON COUNTY-REYNOLDS FIELD	JXN	VOR RWY 32, AMDT 18 22 OCT 2009	AMDT 17 DATE 03/15/2007

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR/DME STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are 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
JXN VOR/DME	NEUMA/5.40 DME	051.12 / 5.40	3000

MISSED APPROACH

MAP: IVIKY/0.49 DME

CLIMBING RIGHT TURN TO 3000 VIA JXN R-270 TO ECKDO INT/JXN 12.90 DME AND HOLD.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 270.00 INBOUND.
CHART FAS OBST: 1308 TOWER 421708N/0842310W
CHART VDP AT 2.32 DME;
DISTANCE VDP TO THLD 1.84 MILES.
NEUMA TO RW24: 3.00/45.
FAC CROSSES RWY C/L EXTENDED 3029 FROM THLD.

1. PT L SIDE OF COURSE 051.12 OUTBOUND 3000 FT WITHIN 10 MILES OF NEUMA (IAF)
2.
3. FAC 231.12 FAF NEUMA/5.40 DME DIST FAF TO MAP THLD 4.91
4. MIN. ALT NEUMA 2600
8. MSA FROM: JXN VOR/DME 090-270 2600, 270-090 3100

MAG VAR: 5W EPOCH YEAR:1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-24	1620	1/2	621	1620	1/2	621	1620	1 1/4	621	1620	1 1/2	621			
CIRCLING	1620	1	619	1620	1	619	1620	1 3/4	619	1640	2	639			

NOTES:

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MASON ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET, INCREASE ALL CAT C/D VISIBILITIES 1/4 MILE.
CHART NOTE: VDP NA WHEN USING MASON ALTIMETER SETTING.

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE		FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
JACKSON, MI	ELEVATION: 1001 TDZE: 999 AIRPORT NAME: JACKSON COUNTY-REYNOLDS FIELD	JXN	VOR/DME RWY 24, ORIG 22 OCT 2009	SUP AMDT NONE DATE

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

VOR STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.23

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 22 OCT 2009

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 1001 TDZE: 999	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
JACKSON, MI	AIRPORT NAME: **JACKSON COUNTY-REYNOLDS FIELD**	**JXN**	**VOR OR GPS RWY 24, AMDT 21, 05/27/1993**	AMDT **20**
				DATE **06/29/1989**

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

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE

MISSED APPROACH

ADDITIONAL FLIGHT DATA:

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 22 OCT 2009

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
WEST BRANCH, MI	**WEST BRANCH COMMUNITY**	**BHW**	**NDB OR GPS RWY 27, AMDT 6C, 05/04/1998**	AMDT **6B**
				DATE **6/11/1997**

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
BANJO	RILOY (FB)	289.49 / 12.10	3100
ZABLE	MILAE (FB)	205.80 / 22.72	3100
LADIN	HAPEV (FB)	110.39 / 21.00	3300
HAPEV (IAF)	NEWFE (FB)	110.72 / 10.60	3100
MILAE (IAF)	NEWFE (FB)	184.69 / 5.00	3100
RILOY (IAF)	NEWFE (FB)	004.69 / 5.00	3100
NEWFE (IF)	KAKEW (FB)	094.69 / 6.10	2600

MISSED APPROACH

LNAV: RW09

CLIMB TO 4000 DIRECT AVIXY AND VIA TRACK 179.43 TO SNOWW AND VIA TRACK 279.31 TO BANJO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 359.00 INBOUND.
CHART FAS OBST: 1357 TOWER 441506N/0841516W
CHART VDP AT 2.32 MILES TO RW09.
KAKEW TO RW09: 3.05/41

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT NEWFE
3. FAC: 094.79 FAF: KAKEW DIST FAF TO MAP: 5.19 THLD: 5.19
4. MIN. ALT: NEWFE 3100, KAKEW 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: RW09 3300

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1660	1	783	1660	1 1/4	783	1660	2 1/4	783	1660	2 1/2	783			
CIRCLING	1660	1	778	1660	1 1/4	778	1660	2 1/4	778	1660	2 1/2	778			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SAGINAW INTL ALTIMETER SETTING AND INCREASE ALL MDA 140 FEET, INCREASE LNAV CAT A VISIBILITY 1/4 MILE AND CAT C/D 1/2 MILE, INCREASE
SEE 8260-10

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

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	AMDT: NONE
				DATED

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

NOTES CONT.
CIRCLING CAT A VISIBILITY 1/4 MILE AND CAT C/D 1/2 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LADIN VIA V133 NORTHWEST BOUND.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AVIXY K50    W     N44145374W083545077                              NAR           AVIXY
        SUSAEAENRT   BANJO K50    C   L N44063829W084103354                              NAR           BANJO
        SUSAEAENRT   HAPEV K50    W     N44170896W084411970                              NAR           HAPEV
        SUSAEAENRT   KAKEW K50    W     N44143447W084183511                              NAR           KAKEW
        SUSAEAENRT   LADIN K50    C   L N44222561W085093876                              NAR           LADIN
        SUSAEAENRT   MILAE K50    W     N44192633W084271333                              NAR           MILAE
        SUSAEAENRT   NEWFE K50    W     N44142640W084270378                              NAR           NEWFE
        SUSAEAENRT   RILOY K50    W     N44092647W084265425                              NAR           RILOY
        SUSAEAENRT   SNOWW K50    C   L N44055667W083532496                              NAR           SNOWW
        SUSAEAENRT   ZABLE K50    C   L N44404915W084163005                              NAR           ZABLE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5AY31     0     050YHN44144137W084104730W006000882         1800018000C    MNAR    WEST BRANCH COMMUNITY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5FR09   ABANJO 010BANJOK5EA0E       IF                                          18000                B JS
        SUSAP Y31 K5FR09   ABANJO 020RILOYK5EA0E  A 020TF                    28950121    + 03100                          B JS
        SUSAP Y31 K5FR09   ABANJO 030NEWFEK5EA0EE   010TF                    00470050    + 03100                          B JS
        SUSAP Y31 K5FR09   ALADIN 010LADINK5EA0E       IF                                          18000                B JS
        SUSAP Y31 K5FR09   ALADIN 020HAPEVK5EA0E  A 020TF                    11040210    + 03300                          B JS
        SUSAP Y31 K5FR09   ALADIN 030NEWFEK5EA0EE   010TF                    11070106    + 03100                          B JS
        SUSAP Y31 K5FR09   AZABLE 010ZABLEK5EA0E       IF                                          18000                B JS
        SUSAP Y31 K5FR09   AZABLE 020MILAEK5EA0E  A 020TF                    20580227    + 03100                          B JS
        SUSAP Y31 K5FR09   AZABLE 030NEWFEK5EA0EE   010TF                    18470050    + 03100                          B JS
        SUSAP Y31 K5FR09   R      010NEWFEK5EA0E  I    IF                                + 03100     18000                B JS
        SUSAP Y31 K5FR09   R      020KAKEWK5EA1E  F 051TF                    09470061    + 02600                RW09  K5PGB JS
        SUSAP Y31 K5FR09   R      020KAKEWK5EA2WN          N          ALNAV                                                JS
        SUSAP Y31 K5FR09   R      030RW09 K5PG0GY M 031TF                    09480052      00922            -305          B JS
        SUSAP Y31 K5FR09   R      040AVIXYK5EA0E M  010DF                                                                 B JS
        SUSAP Y31 K5FR09   R      050SNOWWK5EA0E    010TF                    1794                                          B JS
        SUSAP Y31 K5FR09   R      060BANJOK5EA0EY  R010TFY                   2793        + 04000                          B JS
        SUSAP Y31 K5FR09   R      070BANJOK5EA0EE  R020HM                    35900040    + 04000                          B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	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 Y31 K5GRW09    0050000949 N44144084W084112165-0400    +0233500881000041100R
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5SRW09 K5PG               0   18018003325                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	AMDT: NONE DATED:

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

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

ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	BANJO	BANJO	010		IF		FB				
	BANJO	RILOY	020	IAF	TF		FB	2.0	289.5(284T)	012.1	03100
	BANJO	NEWFE	030		TF		FB	1.0	004.7(359T)	005.0	03100
	LADIN	LADIN	010		IF		FB				
	LADIN	HAPEV	020	IAF	TF		FB	2.0	110.4(104T)	021.0	03300
	LADIN	NEWFE	030		TF		FB	1.0	110.7(105T)	010.6	03100
	ZABLE	ZABLE	010		IF		FB				
	ZABLE	MILAE	020	IAF	TF		FB	2.0	205.8(200T)	022.7	03100
	ZABLE	NEWFE	030		TF		FB	1.0	184.7(179T)	005.0	03100
		NEWFE	010	FACF	IF		FB				03100
		KAKEW	020	FAF	TF		FB	0.5	094.7(089T)	006.1	02600
		RW09	030	MAP	TF		FO	0.3	094.8(089T)	005.2	00922

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	AVIXY	040		DF		FB	1.0			
	SNOWW	050		TF		FB	1.0	179.4(173T)		
	BANJO	060		TF	R	FO	1.0	279.3(273T)		04000
	BANJO	070		HM	R	FO	2.0	359.0(353T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVIXY	N441453.74	W0835450.77	N4414.896	W08354.846
	BANJO	N440638.29	W0841033.54	N4406.638	W08410.559
	HAPEV	N441708.96	W0844119.70	N4417.149	W08441.328
	KAKEW	N441434.47	W0841835.11	N4414.575	W08418.585
	LADIN	N442225.61	W0850938.76	N4422.427	W08509.646
	MILAE	N441926.33	W0842713.33	N4419.439	W08427.222
	NEWFE	N441426.40	W0842703.78	N4414.440	W08427.063
	RILOY	N440926.47	W0842654.25	N4409.441	W08426.904
	SNOWW	N440556.67	W0835324.96	N4405.945	W08353.416
	ZABLE	N444049.15	W0841630.05	N4440.819	W08416.501
	RW09	N441440.84	W0841121.65	N4414.681	W08411.361

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	00881	41

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 9, ORIG 22 OCT 2009	AMDT: NONE DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
LADIN	AVIXY (FO)	103.55 / 54.23	3300
WHOOP (IAF)	AVIXY (NOPT) (FB)	233.79 / 5.49	2500
SNOWW (IAF)	AVIXY (NOPT) (FB)	359.45 / 9.01	2500
AVIXY (IF/IAF)	JAMAC (FB)	275.06 / 6.10	2500

MISSED APPROACH

LNAV: RW27

CLIMB TO 4000 DIRECT NEWFE AND VIA TRACK 184.87 TO OKLIF AND VIA TRACK 094.87 TO BANJO AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD S, RT, 359.00 INBOUND.
CHART FAS OBST: 979 TREE 441435N/0841020W
JAMAC TO RW27: 3.04/41

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD E AVIXY, RT, 275.06 INBOUND, 2500 FT. IN LIEU OF PT (IAF)
3. FAC: 274.96 FAF: JAMAC DIST FAF TO MAP: 4.95 THLD: 4.95
4. MIN. ALT: AVIXY 2500, JAMAC 2500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW27 3300

MAG VAR: 6W EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	1240	1	363	1240	1	363	1240	1	363	1240	1 1/4	363			
CIRCLING	1480	1	598	1480	1	598	1480	1 1/2	598	1520	2	638			

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

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	AMDT: NONE
				DATED

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

NOTES CONT.
VISIBILITY 1/2 MILE.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LADIN VIA V133 NORTHWEST BOUND.

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   AVIXY K50    W     N44145374W083545077                              NAR           AVIXY
        SUSAEAENRT   BANJO K50    C   L N44063829W084103354                              NAR           BANJO
        SUSAEAENRT   JAMAC K50    W     N44144741W084031963                              NAR           JAMAC
        SUSAEAENRT   LADIN K50    C   L N44222561W085093876                              NAR           LADIN
        SUSAEAENRT   NEWFE K50    W     N44142640W084270378                              NAR           NEWFE
        SUSAEAENRT   OKLIF K50    W     N44062560W084265062                              NAR           OKLIF
        SUSAEAENRT   SNOWW K50    C   L N44055667W083532496                              NAR           SNOWW
        SUSAEAENRT   WHOOP K50    C   L N44183513W083491146                              NAR           WHOOP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5AY31     0     050YHN44144137W084104730W006000882         1800018000C    MNAR    WEST BRANCH COMMUNITY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5FR27   ALADIN 010LADINK5EA0E       IF                                          18000                B JS
        SUSAP Y31 K5FR27   ALADIN 020AVIXYK5EA0EY   020TF                    10360542    + 03300                          B JS
        SUSAP Y31 K5FR27   ALADIN 030AVIXYK5EA0EE AR   HF                    27510040    + 02500                          B JS
        SUSAP Y31 K5FR27   ASNOWW 010SNOWWK5EA0E  A    IF                                          18000                B JS
        SUSAP Y31 K5FR27   ASNOWW 020AVIXYK5EA0EE   010TF                    35950090    + 02500                          B JS
        SUSAP Y31 K5FR27   AWHOOP 010WHOOPK5EA0E  A    IF                                          18000                B JS
        SUSAP Y31 K5FR27   AWHOOP 020AVIXYK5EA0EE   010TF                    23380055    + 02500                          B JS
        SUSAP Y31 K5FR27   R      010AVIXYK5EA0E  I    IF                                + 02500   18000                B JS
        SUSAP Y31 K5FR27   R      020JAMACK5EA1E  F 051TF                    27510061    + 02500                RW27  K5PGB JS
        SUSAP Y31 K5FR27   R      020JAMACK5EA2WN          N          ALNAV                                                JS
        SUSAP Y31 K5FR27   R      030RW27 K5PG0GY M 031TF                    27500050      00901            -304          B JS
        SUSAP Y31 K5FR27   R      040NEWFEK5EA0E M  010DF                                                                B JS
        SUSAP Y31 K5FR27   R      050OKLIFK5EA0E   L010TFY                   1849                                         B JS
        SUSAP Y31 K5FR27   R      060BANJOK5EA0EY  L010TFY                   0949        + 04000                          B JS
        SUSAP Y31 K5FR27   R      070BANJOK5EA0EE  R020HM                    35900040    + 04000                          B JS
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 Y31 K5GRW27    0050002749 N44144181W084101299+0400    +02270008600000041100R
```

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP Y31 K5SRW27 K5PG               0   18018003325                                                                          M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	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 FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	LADIN	LADIN	010		IF		FB				
	LADIN	AVIXY	020		TF		FO	2.0	103.6(098T)	054.2	03300
	LADIN	AVIXY	030	IAF	HF	R	FO		275.1(269T)	004.0	02500
	SNOWW	SNOWW	010	IAF	IF		FB				
	SNOWW	AVIXY	020		TF		FB	1.0	359.5(354T)	009.0	02500
	WHOOP	WHOOP	010	IAF	IF		FB				
	WHOOP	AVIXY	020		TF		FB	1.0	233.8(228T)	005.5	02500
		AVIXY	010	FACF	IF		FB				02500
		JAMAC	020	FAF	TF		FB	0.5	275.1(269T)	006.1	02500
		RW27	030	MAP	TF		FO	0.3	275.0(269T)	005.0	00901

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	NEWFE	040		DF		FB	1.0			
	OKLIF	050		TF	L	FB	1.0	184.9(179T)		
	BANJO	060		TF	L	FO	1.0	094.9(089T)		04000
	BANJO	070		HM	R	FO	2.0	359.0(353T)	004.0	04000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AVIXY	N441453.74	W0835450.77	N4414.896	W08354.846
	BANJO	N440638.29	W0841033.54	N4406.638	W08410.559
	JAMAC	N441447.41	W0840319.63	N4414.790	W08403.327
	LADIN	N442225.61	W0850938.76	N4422.427	W08509.646
	NEWFE	N441426.40	W0842703.78	N4414.440	W08427.063
	OKLIF	N440625.60	W0842650.62	N4406.427	W08426.844
	SNOWW	N440556.67	W0835324.96	N4405.945	W08353.416
	WHOOP	N441835.13	W0834911.46	N4418.586	W08349.191
	RW27	N441441.81	W0841012.99	N4414.697	W08410.217

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27	00860	41

QUALITY CHECKED

CITY AND STATE	ELEVATION: 882 TDZE: 877	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
WEST BRANCH, MI	AIRPORT NAME: WEST BRANCH COMMUNITY	RNAV	RNAV (GPS) RWY 27, ORIG 22 OCT 2009	AMDT: NONE
				DATED:

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE FAR PART 97.29

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
ZZV VOR/DME	CEVAY INT/I-TNF 12.34 DME	039.53 / 12.00	3000
CTW VOR/DME (IAF)	CEVAY INT/I-TNF 12.34 DME (NOPT)	246.87 / 14.49	3000
CINAB/ZZV 12.00 DME CW (IAF)	CEVAY INT/I-TNF 12.34 DME (NOPT)	12.00 DME ARC (ZZV LR-029)	3000
SABGE/ZZV 12.00 DME CCW (IAF)	CEVAY INT/I-TNF 12.34 DME (NOPT)	12.00 DME ARC (ZZV LR-050)	3000
AMALE/ZZV 12.00 DME CW (IAF)	CEVAY INT/I-TNF 12.34 DME (NOPT)	12.00 DME ARC (ZZV LR-029)	3000
SEE 8260-10			

MISSED APPROACH

ILS: DA
LOC: I-TNF 0.99 DME FIX

CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 VIA HEADING 360 AND I-TNF NE COURSE TO CEVAY INT/I-TNF 12.34 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1400 THEN CLIMBING LEFT TURN TO 3000 DIRECT CTW VOR/DME AND HOLD NW, RT, 152.00 INBOUND.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NE CEVAY, RT, 219.84 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
3. FAC: 219.84 FAF: HOLAX/I-TNF 6.20 DME DIST FAF TO MAP: ____ THLD: 5.21
4. MIN. ALT: CEVAY 3000, PENIC 2700, HOLAX 2600
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 802
6. MIN GS INCPT: 2600 GS ALT AT: HOLAX/I-TNF 6.20 DME 2600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 48.8
8. MSA FROM: ZZV VOR/DME 2700

ADDITIONAL FLIGHT DATA:
CHART: ALTERNATE MA HOLDING, HOLD NW CTW VOR/DME, RT, 152.00 INBOUND.
CHART FAS OBST: 1067 TOWER 395824N/0815140W
CHART VDP AT 2.25 DME;
DISTANCE VDP TO THLD 1.26 MILES.
CHART ZZV R-090 AT SABGE.
CHART ZZV R-109 AT MUNOE.
CHART ZZV R-280 AT AMALE.
CHART ZZV R-298 AT CINAB.
CHART IN PLANVIEW: CTW VOR/DME.

MAG VAR: 6W EPOCH YEAR: 1990

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 22	1092	3/4	200	1092	3/4	200	1092	3/4	200	1092	3/4	200			
S-LOC 22	1320	1	428	1320	1	428	1320	1 1/4	428	1320	1 1/2	428			
CIRCLING	1360	1	460	1360	1	460	1360	1 1/2	460	1460	2	560			

NOTES:
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND ALL MDA 80 FEET. INCREASE S-ILS 22 ALL CATS, AND S-LOC 22 CAT C VISIBILITY 1/4 MILE.
CHART NOTE: VDP NA WHEN USING NEWARK ALTIMETER SETTING.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 900 TDZE: 892	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ZANESVILLE, OH	AIRPORT NAME: ZANESVILLE MUNI	I-TNF	ILS OR LOC/DME RWY 22, AMDT 1 22 OCT 2009	AMDT: ORIG-A DATED 05/13/2004

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

TERMINAL ROUTES CONT.

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MUNOE/ZZV 12.00 DME CCW (IAF)	CEVAY INT/I-TNF 12.34 DME (NOPT)	12.00 DME ARC (ZZV LR-050)	3000
CEVAY INT/I-TNF 12.34 DME (IF/IAF)	PENIC INT/I-TNF 10.19 DME	219.84 / 2.15	2700
PENIC INT/I-TNF 10.19 DME	HOLAX/I-TNF 6.20 DME	219.84 / 4.00	2600

CITY AND STATE	ELEVATION: 900 TDZE: 892	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ZANESVILLE, OH	AIRPORT NAME: ZANESVILLE MUNI	I-TNF	ILS OR LOC/DME RWY 22, AMDT 1 22 OCT 2009	AMDT: ORIG-A DATED: 05/13/2004

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 8, STANDARD WITH MINIMUM CLIMB OF 414' PER NM TO 1,300, OR 600 - 3 WITH MINIMUM CLIMB OF 241' PER NM TO 1,300, OR 1,300 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.
RWY 26, STANDARD WITH MINIMUM CLIMB OF 288' PER NM TO 1,600 OR 1,300 - 2 1/2 FOR CLIMB IN VISUAL CONDITIONS.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 8 - CLIMB HEADING 076.11 TO 1,300 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS POTTSTOWN MUNI AIRPORT AT OR ABOVE 1,400 MSL BEFORE PROCEEDING ON COURSE.

RWY 26 - CLIMB HEADING 271.12 TO 1,100 BEFORE PROCEEDING ON COURSE. FOR CLIMB IN VISUAL CONDITIONS: CROSS POTTSTOWN MUNI AIRPORT AT OR ABOVE 1,400 MSL BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 8, TERRAIN 2,761' FROM DER, 124' RIGHT OF CENTERLINE, 0' AGL/319' MSL. MULTIPLE TREES BEGINNING 5,919' FROM DER, 854' LEFT OF CENTERLINE, UP TO 100' AGL/559' MSL. MULTIPLE TREES BEGINNING 1.3 NM FROM DER, 616' RIGHT OF CENTERLINE, UP TO 100' AGL/759' MSL.
NOTE: RWY 26, TREE 400' FROM DER, ON CENTERLINE, 35' AGL/295' MSL. TERRAIN 10' FROM DER, 246 LEFT OF CENTERLINE, 0' AGL/279' MSL. TREE 399' FROM DER, ON CENTERLINE, UP TO 100' AGL/295' MSL. MULTIPLE TREES BEGINNING 1.0 NM FROM DER, 2,009' RIGHT OF CENTERLINE, UP TO 100' AGL/579' MSL.

(4) CONTROLLING OBSTACLES:

RWY 8: 759' MSL AAO 401643.30N/0753815.55W.
RWY 26: 1,179' MSL AAO 401314.94N/0754511.82W, 1,202' MSL AAO 401310.07N/0754523.21W, 1,299' MSL AAO 401930.98N/0754216.07W.
RWY 8, 26 (VCOA): 1,299' MSL AAO 401930.98WN/0754216.07W, 759' MSL AAO 401652.41N/0753814.19W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
POTTSTOWN, PA	POTTSTOWN MUNI	22 OCT 2009	2A

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - FAR PART 97.27

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

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

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

MAG VAR: EPOCH YEAR:

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

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

NOTES:

PROCEDURE CANCELED EFFECTIVE 22 OCT 2009

CITY AND STATE	ELEVATION: 280 TDZE: 280	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
COVINGTON, TN	AIRPORT NAME: **COVINGTON MUNI**	**COO**	**NDB OR GPS RWY 1, AMDT 3, 01/07/1993**	AMDT 2
				DATE 07/18/1985

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

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

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

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

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
MIOLA	EPFOW (FB)	215.59 / 5.51	2000
EPFOW (IAF)	ZOMTO (FB)	271.53 / 7.66	1900
ZOMTO (IF)	GIXGO (FB)	007.02 / 6.10	1500

MISSED APPROACH

LNAV: RW01

CLIMBING RIGHT TURN TO 3000 DIRECT MIOLA AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 183.75 INBOUND.
CHART FAS OBST: 542 TOWER 353126N/0893455W
GIXGO TO RW01: 3.03/40

1. PT NA SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT ZOMTO
3. FAC: 007.03 FAF: GIXGO DIST FAF TO MAP: 3.67 THLD: 3.67
4. MIN. ALT: ZOMTO 1900, GIXGO 1500
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW01 2500

MAG VAR: 2E EPOCH YEAR: 1985

MINIMUMS

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

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LNAV MDA	800	1	520	800	1	520	800	1 1/2	520	800	1 3/4	520			
CIRCLING	800	1	520	800	1	520	800	1 1/2	520	840	2	560			

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MEMPHIS ALTIMETER SETTING AND INCREASE SEE 8260-10

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

CITY AND STATE	ELEVATION: 280 TDZE: 280	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
COVINGTON, TN	AIRPORT NAME: COVINGTON MUNI	RNAV	RNAV (GPS) RWY 1, ORIG 22 OCT 2009	AMDT: NONE
				DATED

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

NOTES CONT.

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

CHART PLANVIEW NOTE: PROCEDURE NA AT MIOLA ON V11 NORTHBOUND AND V124 EASTBOUND.

CITY AND STATE	ELEVATION: 280 TDZE: 280	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COVINGTON, TN	AIRPORT NAME: COVINGTON MUNI	RNAV	RNAV (GPS) RWY 1, ORIG 22 OCT 2009	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      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   EPFOW K70    W     N35242787W089274999                              NAR           EPFOW
        SUSAEAENRT   GIXGO K70    W     N35305796W089360114                              NAR           GIXGO
        SUSAEAENRT   MIOLA K70    C   L N35285014W089234344                              NAR           MIOLA
        SUSAEAENRT   ZOMTO K70    W     N35245586W089371146                              NAR           ZOMTO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP M04 K7AM04     0     050YHN35350011W089351400E002000280         1800018000C    MNAR    COVINGTON MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP M04 K7FR01   AMIOLA 010MIOLAK7EA0E       IF                                          18000                B JS
        SUSAP M04 K7FR01   AMIOLA 020EPFOWK7EA0E  A 020TF                    21560055    + 02000                          B JS
        SUSAP M04 K7FR01   AMIOLA 030ZOMTOK7EA0EE   010TF                    27150077    + 01900                          B JS
        SUSAP M04 K7FR01   R      010ZOMTOK7EA0E  I    IF                               + 01900     18000                B JS
        SUSAP M04 K7FR01   R      020GIXGOK7EA1E  F 051TF                    00700061    + 01500                 RW01  K7PGB JS
        SUSAP M04 K7FR01   R      020GIXGOK7EA2WN          N          ALNAV                                                JS
        SUSAP M04 K7FR01   R      030RW01 K7PG0GY M 031TF                    00700037      00320             -303          B JS
        SUSAP M04 K7FR01   R      040MIOLAK7EA0EYM R010DF                              + 03000                          B JS
        SUSAP M04 K7FR01   R      050MIOLAK7EA0EE  R020HM                    18380040    + 03000                          B JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP M04 K7GRW01    0050040070 N35343568W089351877-0200    +005800028000004099R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP M04 K7SRW01 K7PG               0   18018002525                                                                   M
```

CITY AND STATE	ELEVATION: 280 TDZE: 280	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COVINGTON, TN	AIRPORT NAME: COVINGTON MUNI	RNAV	RNAV (GPS) RWY 1, ORIG 22 OCT 2009	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 FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MIOLA	MIOLA	010		IF		FB				
	MIOLA	EPFOW	020	IAF	TF		FB	2.0	215.6(218T)	005.5	02000
	MIOLA	ZOMTO	030		TF		FB	1.0	271.5(274T)	007.7	01900
		ZOMTO	010	FACF	IF		FB				01900
		GIXGO	020	FAF	TF		FB	0.5	007.0(009T)	006.1	01500
		RW01	030	MAP	TF		FO	0.3	007.0(009T)	003.7	00320

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	MIOLA	040		DF	R	FO	1.0			03000
	MIOLA	050		HM	R	FO	2.0	183.8(186T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	EPFOW	N352427.87	W0892749.99	N3524.465	W08927.833
	GIXGO	N353057.96	W0893601.14	N3530.966	W08936.019
	MIOLA	N352850.14	W0892343.44	N3528.836	W08923.724
	ZOMTO	N352455.86	W0893711.46	N3524.931	W08937.191
	RW01	N353435.68	W0893518.77	N3534.595	W08935.313

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW01	00280	40

QUALITY CHECKED

CITY AND STATE	ELEVATION: 280 TDZE: 280	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
COVINGTON, TN	AIRPORT NAME: COVINGTON MUNI	RNAV	RNAV (GPS) RWY 1, ORIG 22 OCT 2009	AMDT: NONE DATED:

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 3, STANDARD WITH MINIMUM CLIMB OF 323 FT PER NM TO 1500, OR 2200-3 FOR CLIMB IN VISUAL CONDITIONS.
RWY 21, STANDARD.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 3 - CLIMB VIA HEADING 030.13 TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT GVE VORTAC BEFORE PROCEEDING ON COURSE, OR FOR CLIMB IN VISUAL CONDITIONS: CROSS CHARLOTTESVILLE-ALBEMARLE AIRPORT AT OR ABOVE 2700 BEFORE PROCEEDING ON COURSE.
RWY 21- CLIMB VIA HEADING 210.14 TO 1400, THEN CLIMBING LEFT TURN TO 4000 DIRECT GVE VORTAC BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES: NOTE: RWY 3, POLE 97' FROM DER, 476' RIGHT OF CENTERLINE, 27' AGL/627' MSL. TREES BEGINNING 836' FROM DER, 597' RIGHT OF CENTERLINE, UP TO 100' AGL/1216' MSL. TOWER 2.3 NM FROM DER, 3443' RIGHT OF CENTERLINE, 107' AGL/1167' MSL. TERRAIN BEGINNING 2.2 NM FROM DER, 3183' RIGHT OF CENTERLINE, UP TO 1116' MSL.

(4) CONTROLLING OBSTACLES:

RWY 3: 1219 MSL TREE 381047.76N/0782509.24W
RWY 21: 1698 MSL AAO 380232.04N/0782401.17W
VCOA: 1219 MSL TREE 381047.76N/0782509.24W, 3787 MSL AAO 382011.19N/0783305.77W

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
CHARLOTTESVILLE, VA	CHARLOTTESVILLE-ALBEMARLE	22 OCT 2009	9

U.S. DEPARTMENT of TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)

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

(1) TAKEOFF MINIMUMS:

RWY 03, 300-2 OR STANDARD WITH A MINIMUM CLIMB OF 416 FEET PER NM TO 1600.
RWY 21, 400-2 1/2 OR STANDARD WITH A MINIMUM CLIMB OF 467 FEET PER NM TO 1600.

(2) TEXTUAL DEPARTURE PROCEDURE:

RWY 03- CLIMB HEADING 030.83 TO 2,000 BEFORE PROCEEDING ON COURSE.
RWY 21- CLIMB HEADING 210.84 TO 1,800 BEFORE PROCEEDING ON COURSE.

(3) TAKEOFF OBSTACLE NOTES:

NOTE: RWY 03, FENCE 3675' FROM DER, 754' RIGHT OF CENTERLINE, 10' AGL/1316' MSL. TERRAIN AND TREES BEGINNING 3728' FROM DER, 716' RIGHT OF CENTERLINE, UP TO 97' AGL/1436' MSL. TREES BEGINNING 5700' FROM DER, 1450' LEFT OF CENTERLINE, UP TO 101' AGL/1440' MSL. TERRAIN AND TREES BEGINNING 6774' FROM DER, 1612' RIGHT OF CENTERLINE, UP TO 99' AGL/1458' MSL. TERRAIN AND TREES BEGINNING 7093' FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 62' AGL/1441' MSL. FENCE 7738' FROM DER, 58' LEFT OF CENTERLINE, 10' AGL/1419' MSL.

Continued on Page 2 of 2

(4) CONTROLLING OBSTACLES:

RWY 03: 1458' MSL TREE 391919.46N-0801225.32W, 1436' MSL TREE 391851.61N-0801246.59W, 1441' MSL TREE 391944.49N-0801250.62W, 2016' MSL TOWER 391821.32N-0801015.27W.
RWY 21: 1449' MSL TREE 391639.18N-0801433.69W, 1536' MSL TREE 391519.98N-0801515.87W, 1875' MSL TOWER 391633.00N-0801737.00W.

(5) City, State	(6) Airport	(7) Effective Date	(8) Amdt. No.
CLARKSBURG, WV	NORTH CENTRAL WEST VIRGINIA	22 OCT 2009	5

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

(3) TAKEOFF OBSTACLE NOTES: (CONT'D)

NOTE: RWY 21, TREES 4514' FROM DER, 1113' RIGHT OF CENTERLINE, 100' AGL/1449' MSL. TREES BEGINNING 6' FROM DER, 307' RIGHT OF CENTERLINE, UP TO 100' AGL/1279' MSL. BUSHES AND TREES BEGINNING 11' FROM DER, 258' LEFT OF CENTERLINE, UP TO 77' AGL/ 1226' MSL. TREES BEGINNING 3199' FROM DER, 657' RIGHT OF CENTERLINE, UP TO 100' AGL/1499' MSL. TREES BEGINNING 5512' FROM DER, 576' LEFT OF CENTERLINE, UP TO 93' AGL/1512' MSL. TREES BEGINNING 2.1 MILES FROM DER, 2069' RIGHT OF CENTERLINE, UP TO 117' AGL/1496' MSL.

City, State	Airport	Effective Date	Amdt. No.
CLARKSBURG, WV	NORTH CENTRAL WEST VIRGINIA	22 OCT 2009	5

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date

[4910-13]

DEPARTMENT OF TRANSPORTATION

14 CFR Part 97

[Docket No. 30684 ; Amdt. No. 3337]

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

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

FDC Date	STATE	CITY	AIRPORT	FDC NUMBER	SUBJECT
08/12/09	FL	DUNNELLON	DUNNELLON/MARION CO & PARK OF COMMERCE	9/4021	VOR/DME RWY 23, AMDT 1A
08/13/09	TX	PALESTINE	PALESTINE MUNI	9/4346	RNAV (GPS) RWY 18, ORIG
08/13/09	TX	PALESTINE	PALESTINE MUNI	9/4347	VOR/DME RWY 18, AMDT 5
08/13/09	TX	PALESTINE	PALESTINE MUNI	9/4349	RNAV (GPS) RWY 36, AMDT 1
08/17/09	CA	CAMARILLO	CAMARILLO	9/4838	VOR RWY 26, AMDT 5
08/17/09	OR	REDMOND	ROBERTS FIELD	9/4921	VOR A, AMDT 5

FDC 9/4021 X35 FI/P DUNNELLON/MARION CO & PARK OF COMMERCE, DUNNELLON, FL. VOR/DME RWY 23, AMDT 1A...DELETE PLANVIEW NOTE: NO COURSE REVERSAL FOR ARRIVAL ON OCF VORTAC AIRWAY RADIAL 343. ADD PLANVIEW NOTE: NOPT FOR ARRIVAL ON OCF VORTAC AIRWAY RADIALS 346 CW 145. CHART OCALA AWOS-3. THIS IS VOR/DME RWY 23, AMDT 1B.

FDC 9/4346 PSN FI/P PALESTINE MUNI, PALESTINE, TX. RNAV (GPS) RWY 18, ORIG...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. ALTERNATE MINIMUMS: STANDARD, ATTENTION SYMBOL NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 18, ORIG-A.

FDC 9/4347 PSN FI/P PALESTINE MUNI, PALESTINE, TX. VOR/DME RWY 18, AMDT 5...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. THIS IS VOR/DME RWY 18, AMDT 5A.

FDC 9/4349 PSN FI/P PALESTINE MUNI, PALESTINE, TX. RNAV (GPS) RWY 36, AMDT 1...CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. DELETE NOTE: GPS OR RNP-0.3 REQUIRED. ALTERNATE MINIMUMS: STANDARD, ATTENTION SYMBOL NA WHEN LOCAL WEATHER NOT AVAILABLE. THIS IS RNAV (GPS) RWY 36, AMDT 1A.

FDC 9/4838 CMA FI/P CAMARILLO, CAMARILLO, CA. VOR RWY 26, AMDT 5...S-26 MDA 1100/HAT 1023 CATS A/B/C. VIS CAT A 1 1/4, CAT B 1 1/2, CAT C 3. CIRCLING MDA 1100/HAA 1023 CATS A/B/C. VIS CAT A 1 1/4, CAT B 1 1/2, CAT C 3. DELETE DME MINIMUMS DELETE CMA 2.1 DME FIX DELETE MIN ALT 2.1 DME FROM CMA 720 CHART: APT ELEV 77 CHART: TDZE 77 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT. ALTERNATE MINIMUMS: CATS A/B, 1100-2. CAT C 1100-3. THIS IS VOR RWY 26, AMDT 5A.

FDC 9/4921 RDM FI/P ROBERTS FIELD, REDMOND, OR. VOR A, AMDT 5...CIRCLING HAA 520 CATS A/B/C, 560 CAT D. CHART APT ELEV 3080. THIS IS VOR A, AMDT 5A.