

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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

<u>AIRPORT</u> MONROE COUNTY	<u>AIRPORT ID</u> KMNV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 2C	<u>CITY</u> MADISONVILLE	<u>STATE</u> TN
<u>AIRPORT ELEVATION</u> 1031	<u>TDZE</u> 1031	<u>SUPERSEDED</u> RNAV (GPS) RWY 5	<u>ORIGINAL/AMENDMENT</u> 2B	<u>DATED</u> 12/11/2014	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2005

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
MARBL		WEPMI		TF	FB	1.00	311.58	18.46	5500
SWELL		ZEBAP		TF	FO	1.00	207.31	19.35	3200
PEEKS		YUKUG		TF	FB	1.00	157.18	6.64	3000
WEPMI	IAF	ZEBAP	NOPT	TF	FB	1.00	317.80	5.20	3000
YUKUG	IAF	ZEBAP	NOPT	TF	FB	1.00	136.70	6.00	3000
ZEBAP	IF/IAF	CEREG		TF	FB	1.00	047.69	6.00	2500
CEREG		CORPA		TF	FB	1.00	047.74	2.00	2300
CORPA	FAF	RW05	MAP	TF	FO	0.30	047.76	3.82	
RW05	MAP	1395 MSL		CA			047.76		
1395 MSL		OCACA		DF	FB	1.00			
OCACA		SWELL		TF	FO	1.00	322.77	6.79	3200

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW05

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3200 DIRECT OCACA AND TRACK 322.77 TO SWELL AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW ZEBAP, RT, 047.71 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 047.76FAF: CORPADIST FAF TO MAP: 3.82DIST FAF TO THLD: 3.82

4. MIN ALT: ZEBAP 3000, CEREG 2500, CORPA 2300

5. DIST TO THLD FROM OM:MM:IM:150 HAT:364 HAT: 0.98GS ANT:

6. MIN GP INCPT: 2300GP ALT AT FAF : CORPA 2300OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS NOT CLEARTCH: 53.0

8. MSA FROM: RW05 6800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA NW OF RWY 5-23.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PEEKS ON V51 NORTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MARBL ON V97 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

WAAS CHANNEL #99531
REFERENCE PATH ID: W05A
FAS OBST: 1580 AAO 353044N/0842733W.
HOLD SW, LT, 050.00 INBOUND
LTP HAE: 283.8 M

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1395	1 1/8	364	1395	1 1/8	364	1395	1 1/8	364		NA				
LNAV/VNAV DA	1538	1 3/4	507	1538	1 3/4	507	1538	1 3/4	507		NA				
LNAV MDA	1680	1	649	1680	1	649	1680	1 7/8	649		NA				
CIRCLING	1680	1	649	1680	1	649	1680	2	649		NA				



CHANGES - REASONS

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMB TO 3000 DIRECT OCACA AND ON TRACK 322.77 TO SWELL AND HOLD. TO CLIMB TO 3200 DIRECT OCACA AND ON TRACK 322.77 TO SWELL AND HOLD. - INCORPORATING FDC NOTAM 8/7894.
2. CHANGED 14.TREE (KMNVT0096) TO 14. TREE (47-034954) - UPDATED TO CURRENT OBSTACLE NUMBER.
3. CHANGED 19. ANT (KMNVT0147) TO 19. TOWER (47-000933) - UPDATED TO CURRENT OBSTACLE NUMBER.
4. CHANGED 21. ANT (KMNVT0140) TO 21. TOWER (47-002529) - UPDATED TO CURRENT OBSTACLE NUMBER.
5. REMOVED FAHRENHEIT FROM CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). - UPDATED TO CURRENT CRITERIA.
6. MOVED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCGHEE-TYSON ALTIMETER SETTING AND INCREASE ALL DA 64 FEET AND ALL MDA 80 FEET; INCREASE LPV ALL CATS VISIBILITY 1/4 MILE AND LNAV/VNAV ALL CATS AND LNAV CAT C VISIBILITY 1/8 MILE. TO PART C: GENERAL REMARKS: - CORRECTED LOCATION ON THE 8260-9
7. INCREASED LPV MIN ALT TO 1395 AND INCREASED MISSED ADJUSTMENT TO 72 - PREVIOUS ROUNDING ERROR
8. REMOVED MISSED ADJUSTMENT FROM LNAV FINAL AND ADDED XP 21 ADJUSTMENT -MISSED OBSTACLE DOES NOT PENETRATE

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, TYS APP CON, AMGR

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

OFFICE

DATE

Digitally signed by
ROBERT G HAMILTON
Nov 05, 2018

DEVELOPED BY

JULIE A. MORGAN (TYLER MITCHELL)

OFFICE

AJV-5420

DATE

10/10/2018

Digitally signed by
ROBERT G HAMILTON
Nov 05, 2018

APPROVED BY

JULIE MORGAN

OFFICE

AJV-5420

DATE

Digitally signed by
ROBERT G HAMILTON
Nov 05, 2018

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMNV
RUNWAY	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	353229.8295N
LTP/FTP LONGITUDE	0842304.6985W
LTP/FTP ELLIPSOIDAL HEIGHT	+02838
FPAP LATITUDE	353334.2400N
FPAP LONGITUDE	0842149.1300W
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	1640
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	F2249F04

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03141
FPAP ORTHOMETRIC HEIGHT	+03141