

**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 ID</u> KMWA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1D	<u>CITY</u> MARION	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 472	<u>TDZE</u> 466	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 1C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 1E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
BUNCO	IAF	ANUKE	NOPT	TF	FB	1.00	292.07	9.00	2400
DONGO	IAF	ANUKE	NOPT	TF	FB	1.00	067.92	8.29	2400
ANUKE	IF/IAF	DIPSE		TF	FB	1.00	021.59	7.00	2400
DIPSE	FAF	RW02	MAP	TF	FO	0.30	021.62	5.97	
RW02	MAP	666 MSL		CA			021.62		
666 MSL		YOSUP		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT YOSUP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD S ANUKE, RT, 021.59 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 021.62 FAF: DIPSE DIST FAF TO MAP: 5.97 DIST FAF TO THLD: 5.97

4. MIN ALT: ANUKE 2400, DIPSE 2400

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.49 GS ANT:

6. MIN GP INCPT: 2400 GP ALT AT FAF : DIPSE 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 45.0

8. MSA FROM: RW02 2700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 11 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 201.72 INBOUND.
FAS OBST: 679 AAO 374139N/0890334W.
749 AAO 373840N/0890245W.
CHART VDP AT 1.22 NM TO RW02*
*LNAV ONLY.
WAAS CHANNEL # 61230
REFERENCE PATH ID: W02A
LTP HAE: 108.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	666	3/4	200	666	3/4	200	666	3/4	200	666	3/4	200			
LNAV/VNAV DA	753	7/8	287	753	7/8	287	753	7/8	287	753	7/8	287			
LNAV MDA	940	1	474	940	1	474	940	1 3/8	474	940	1 3/8	474			
CIRCLING	940	1	468	940	1	468	940	1 1/2	468	1040	2	568			



CHANGES - REASONS

1. DELETED FEEDER ROUTE FROM MWA VOR/DME - PER FPT REQUEST PENDING MWA VOR/DME REMOVAL (VOR MON).
2. RELOCATED "DISTANCE TO THLD FROM 200 HAT: 0.49 NM." FROM ADDITIONAL FLIGHT DATA TO PROFILE LINE 5 - IAW 8260.19H, 8-6-7.E (3).
3. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19H PARA 8-6-7.B (2).
4. ADDED "20:1: IS CLEAR" TO PROFILE LINE 7 - IAW 8260.19H PARA 8-6-7.G (3).
5. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTE - IAW 8260.19H PARA 8-6-8.B (1).
6. CHANGED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 54°C (130°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C" - IAW 8260.19H PARA 8-6-9.S.
7. DELETED PLANVIEW NOTE: "PROCEDURE NA FOR ARRIVAL ON MWA VOR/DME ON AIRWAY RADIALS 262 CW 286." - PER FPT REQUEST PENDING MWA VOR/DME REMOVAL (VOR MON).
8. RELOCATED BACKUP ALTIMETER NOTES FROM THIS FORM TO THE 8260-9 FOR CONTINGENCY PURPOSES - IAW 8260.19H, 8-6-9.F (3).
9. CHANGED LNAV/VNAV VISIBILITY ALL CATS FROM "1" TO "7/8" - UPDATED VIS CHECK IAW 8260.3 TABLE 3-3-1.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZKC, AMGR, MWA TWR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE*Digitally signed by***JOHN BORDY****DATE**

Nov 05, 2020

DEVELOPED BY

JOHN BORDY (ALEX BALLESTER MARTINEZ)

*Digitally signed by***JOHN BORDY**

Nov 05, 2020

OFFICE

AJV-A422

DATE

07/14/2020

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

Nov 05, 2020

OFFICE

AJV-A420

DATE**TITLE**
MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMWA
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	374454.1965N
LTP/FTP LONGITUDE	0890104.8965W
LTP/FTP ELLIPSOIDAL HEIGHT	+01089
FPAP LATITUDE	374616.6000N
FPAP LONGITUDE	0890021.5700W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	89D847CC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01380
FPAP ORTHOMETRIC HEIGHT	+01380