

**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> UNION COUNTY	<u>AIRPORT ID</u> KMRT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> MARYSVILLE	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 1021	<u>TDZE</u> 1015	<u>SUPERSEDED</u> RNAV (GPS) RWY 27	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 5W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 198/30 CW 338/30	NOPT	198/8 CW 338/8		3100
2. 198/8 CW 338/8		NESWU	IF/IAF	3000
3. 338/30 CW 198/30		NESWU	IF/IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NESWU	IF/IAF	ZEVAB		TF	FB	1.00	268.13	6.35	2200
ZEVAB	FAF	RW27	MAP	TF	FO	0.30	268.04	3.65	
RW27	MAP	1360 MSL		CA			268.04		
1360 MSL		KUTAW		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LP: RW27  
LNAV: RW27

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT KUTAW AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E NESWU, RT, 268.13 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 268.04

FAF: ZEVAB

DIST FAF TO MAP: 3.65

DIST FAF TO THLD: 3.65

4. MIN ALT: NESWU 3000, ZEVAB 2200

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS NOT CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 8 AND 26.  
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: STRAIGHT-IN RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. CIRCLING RWY 9 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

1179 AAO 401332N/0831619W  
HOLD W, RT, 087.84 INBOUND.  
CHART FAS OBST: 1147 ANTENNA 401305N/0831956W, 1091 TREE 401344N/0831943W.  
WAAS CHANNEL # 50327  
REFERENCE PATH ID: W27A  
ZEVAB TO RW27: 3.00/40.  
LTP HAE: 270.3 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
LP MDA	1360	1	345	1360	1	345	1360	1	345	1360	1	345			
LNAV MDA	1400	1	385	1400	1	385	1400	1 1/8	385	1400	1 1/8	385			
CIRCLING	1520	1	499	1540	1	519	1540	1 1/2	519	1580	2	559			



CHANGES - REASONS

1. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED PBN REQUIRMENTS NOTE: RNP APCH- PER CURRENT CRITERIA.
2. REMOVED BACKUP ALTIMETER NOTE - MOVED TO -9 AS A CONTINGENCY.
3. UPDATED VGSI NON-COINCIDENTAL NOTE TO CURRENT CRITERIA, ADDED "(VGSI ANGLE {ANGLE}/TCH {FEET})" - UPDATED IAW 8260.18H CHG 1 8-6-9, M, 2.
4. CRC REMAINDER CHANGED FROM 36FFD2DD TO BABF1F4F, LTP DATA CHANGED FROM 401331.2465N 08320403700W TO 401331.2465N 0832040.3625W -UPDATED AIRNAV DATA/NEW SURVEY.
5. ADDED CHART NOTE: STRAIGHT-IN RWY 27 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD. CIRCLING RWY 9 NA AT NIGHT. - 20:1 PENETRATIONS DO NOT PENETRATE PAPI OCS, SEE 8260-1 WAVER , IAW 8260.19H CHG 1, PAR 8-6-11, O 2 (H)
6. LP HAT CHANGED FROM 363 FT TO 345 FT AND LNAV HAT CHANGED FROM 403 FT TO 385 FT - NEW SURVEY DATED 12/10/2017.
7. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
8. ADDED "20:1 IS NOT CLEAR" TO LINE 7 - 20:1 PENETRATIONS.
9. ADDED "CHART NOTE: CIRCLING NA TO RWY 8 AND 26" - TURF RUNWAY.
10. CHANGED HELICOPTER VISIBILITY RESTRICTION NOTE FROM "VISIBILITY REDUCTION BY HELICOPTERS NA" TO "RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - PER .19H PARA 8-6-11K (3).

COORDINATED WITH:

A4A

ALPA

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AOPA

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APA

HAI

NBAA

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OTHER:

CMH APP CON, ARPT AMGR

<div>FLIGHT CHECKED BY</div> <div>JAMES ONIEAL</div>	<div>Digitally signed by</div> <div>LONNIE EVERHART</div> <div>Aug 30, 2021</div>	<div>OFFICE</div> <div>FPO</div>	<div>DATE</div> <div>08/25/2021</div>	
<div>DEVELOPED BY</div> <div>WARDELL HENNING (JANTZEN TAYLOR)</div>	<div>Digitally signed by</div> <div>LONNIE EVERHART</div> <div>Aug 30, 2021</div>	<div>OFFICE</div> <div>AJV-A432</div>	<div>DATE</div> <div>01/29/2020</div>	
<div>APPROVED BY</div> <div>GEORGE DAVIS</div>	<div>Digitally signed by</div> <div>LONNIE EVERHART</div> <div>Aug 30, 2021</div>	<div>OFFICE</div> <div>AJV-A430</div>	<div>DATE</div> <div></div>	<div>TITLE</div> <div>MANAGER</div>



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMRT
RUNWAY	RW27
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W27A
LTP/FTP LATITUDE	401331.2465N
LTP/FTP LONGITUDE	0832040.3625W
LTP/FTP ELLIPSOIDAL HEIGHT	+02703
FPAP LATITUDE	401320.3500N
FPAP LONGITUDE	0832235.8200W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1504
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	BABF1F4F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03038
FPAP ORTHOMETRIC HEIGHT	+03038

