

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> 5M9	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> MARION	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 650	<u>TDZE</u> 643	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 11/13/2014	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 31 DECEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 158/30 CW 338/30	NOPT	HAMIV	IF/IAF	3500
2. 338/30 CW 068/30		OYIJO	IAF	3500
3. 068/30 CW 158/30		SUVME	IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OYIJO	IAF	HAMIV	NOPT	TF	FB	1.00	338.50	10.00	3500
SUVME	IAF	HAMIV	NOPT	TF	FB	1.00	158.40	10.00	3500
HAMIV	IF/IAF	CUYAY		TF	FB	1.00	248.45	6.90	2600
CUYAY	FAF	JUTVO/1.90 NM TO RW25		TF	FB	0.30	248.37	4.17	
JUTVO/1.90 NM TO RW25		RW25	MAP	TF	FO	0.30	248.37	1.90	
RW25	MAP	893 MSL		CA			248.37		
893 MSL		FEVOD		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT FEVOD AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD E HAMIV, RT, 248.45 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	248.37	FAF: CUYAY	DIST FAF TO MAP:	6.07	DIST FAF TO THLD: 6.07
4. MIN ALT:	HAMIV 3500, CUYAY 2600, JUTVO/1.90 NM TO RW25 1260*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:
6. MIN GP INCPT:	2600	GP ALT AT FAF :	CUYAY 2600	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	40.0	
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HENDERSON ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HENDERSON ALTIMETER SETTING AND INCREASE ALL DA 117 FEET, INCREASE ALL MDA 120 FEET, INCREASE ALL LPV AND LNAV/VNAV VISIBILITY 3/8 SM AND CIRCLING CAT B VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD W, RT, 068.14 INBOUND.
CHART FAS OBST: 749 TREE 372019N/0880532W.
919 AAO 372342N/0875928W.
CHART VDP AT 1.06 NM TO RW25*
*LNAV ONLY.
WAAS CHANNEL # 86631
REFERENCE PATH ID: W25A
LTP HAE: 162 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	893	7/8	250	893	7/8	250	893	7/8	250	893	7/8	250			
LNAV/VNAV DA	945	1 1/8	302	945	1 1/8	302	945	1 1/8	302	945	1 1/8	302			
LNAV MDA	1000	1	357	1000	1	357	1000	1	357	1000	1	357			
CIRCLING	1180	1	530	1360	1	710	1380	1 1/2	730	1380	2 1/4	730			

CHANGES - REASONS

1. CHANGED AIRPORT NAME FROM "MARION-CRITTENDEN COUNTY" TO "MARION-CRITTENDEN CO JAMES C JOHNSON RGNL" - PER KY DOT.
2. CHANGED VISIBILITY MEASUREMENT IN CHART NOTE "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED..." NOTE FROM "MILE" TO "SM" - IAW 8260.19H.
3. ADDED "20:1 CLEAR" - NO OBSTACLES FOUND.
4. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV CHART NOTE - IAW 8260.19H.
5. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H.
6. ADDED "RNP APCH" TO PBN EQUIPMENT REQUIREMENT NOTES - IAW 8260.19H.
7. COMBINED CHART NOTE "BARO-VNAV NA WHEN USING HENDERSON ALTIMETER SETTING" AND "VDP NA WITH HENDERSON ALTIMETER SETTING"- IAW 8260.19H.
8. CHANGED CHART NOTE FROM "NIGHT LANDING RWY 7 NA" TO "CIRCLING RWY 7 NA AT NIGHT" - IAW 8260.19H.
9. CHANGED INTERMEDIATE RNP VALUE FROM 0.5 TO 1.0 - IAW 8260.19H.
10. ADDED MISSED APPROACH DF LEG RNP VALUE (1.0) - IAW 8260.19H.
11. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19H.
12. DELETED CHART NOTE: CAT C & D PROCEDURE NA AT NIGHT - 20:1 AND 34:1 SURFACES CLEAR.

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, ZME, AMGR, EST FPT**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED**OFFICE** Digitally signed by**DATE****DAVID TEFFETELLER**

Oct 22, 2020

DEVELOPED BY

DONALD H. LANIER (TAYLOR B. GIBSON)

Digitally signed by

DAVID TEFFETELLER**OFFICE**

AJV-A431

DATE

06/26/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Oct 22, 2020

OFFICE

AJV-A430

DATE**TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	5M9
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	372019.3170N
LTP/FTP LONGITUDE	0880610.0635W
LTP/FTP ELLIPSOIDAL HEIGHT	+01620
FPAP LATITUDE	371943.4475N
FPAP LONGITUDE	0880752.3545W
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	1408
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	D98FBF48

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01914
FPAP ORTHOMETRIC HEIGHT	+01914

