

**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 7	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> MARION	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 650	<u>TDZE</u> 650	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<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. 338/30 CW 158/30	NOPT	FEVOD	IF/IAF	3500
2. 158/30 CW 248/30		ZETOB	IAF	3500
3. 248/30 CW 338/30		HEVPU	IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ZETOB	IAF	FEVOD	NOPT	TF	FB	1.00	158.09	10.00	3500
HEVPU	IAF	FEVOD	NOPT	TF	FB	1.00	338.19	10.00	3500
FEVOD	IF/IAF	ELOCU		TF	FB	1.00	068.14	6.90	2600
ELOCU	FAF	IDASE/1.80 NM TO RW07		TF	FB	0.30	068.22	4.20	
IDASE/1.80 NM TO RW07		RW07	MAP	TF	FO	0.30	068.22	1.80	
RW07	MAP	900 MSL		CA			068.22		
900 MSL		HAMIV		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT HAMIV AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W FEVOD, RT, 068.14 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAF: 068.22	FAF: ELOCU	DIST FAF TO MAP: 6.00	DIST FAF TO THLD: 6.00		
4. MIN ALT: FEVOD 3500, ELOCU 2600, IDASE/1.80 NM TO RW07 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 :	ELOCU 2600	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS NOT CLEAR	TCH: 40.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: BARO-VNAV 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 VISIBILITY 1/4 SM, INCREASE ALL LNAV/VNAV VISIBILITY 1/2 SM, INCREASE LNAV CATS C AND D VISIBILITY 3/8 SM, INCREASE CIRCLING CAT B VISIBILITY 1/4 SM, INCREASE CIRCLING CAT C AND D VISIBILITY 1/2 SM.
CHART NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT, CIRCLING RWY 7 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
*LNAV ONLY
HOLD E, RT, 248.45 INBOUND.
CHART FAS OBST: 819 TREE 371956N/0880820W.
WAAS CHANNEL # 90531
REFERENCE PATH ID: W07A
LTP HAE: 168.7 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	900	1	250	900	1	250	900	1	250	900	1	250			
LNAV/VNAV DA	1132	1 5/8	482	1132	1 5/8	482	1132	1 5/8	482	1132	1 5/8	482			
LNAV MDA	1080	1	430	1080	1	430	1080	1 1/4	430	1080	1 1/4	430			
CIRCLING	1180	1	530	1360	1	710	1380	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 IS NOT CLEAR" - IAW 8260.19H, OBSTACLES LISTED ON BACK OF -9.
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. CHANGED CHART NOTE FROM "NIGHT LANDING RWY 7 NA" TO "CHART NOTE: STRAIGHT-IN RWY 7 NA AT NIGHT, CIRCLING RWY 7 NA AT NIGHT." - IAW 8260.19H.
8. CHANGED INTERMEDIATE RNP VALUE FROM 0.5 TO 1.0 - IAW 8260.19H.
9. ADDED MISSED APPROACH DF LEG RNP VALUE (1.0) - IAW 8260.19H.
10. ADDED "MAX 6000" TO PROFILE LINE 2 - IAW 8260.19H.
11. CHANGED CHART NOTE FROM "HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - IAW 8260.19H.

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

Oct 22, 2020

DATE

06/29/2020

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	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	372001.8315N
LTP/FTP LONGITUDE	0880659.9515W
LTP/FTP ELLIPSOIDAL HEIGHT	+01687
FPAP LATITUDE	372037.6900N
FPAP LONGITUDE	0880517.6500W
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	 8B501974

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01980
FPAP ORTHOMETRIC HEIGHT	+01980

