

**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SUPERSEDED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>	<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



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
5M9	RNAV (GPS) RWY 25	2A	MARION	KY	650	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
158/30 CW 338/30

TO
HAMIV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (21-000549)	365701.00N/0874022.00W	1614	250	50	4D	1000				AT886	3500
2.TERRAIN	365703.40N/0873820.10W	820 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM
338/30 CW 068/30

TO
OYIJO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (21-000549)	365701.00N/0874022.00W	1614	250	50	4D	1000				AT886	3500
2.TERRAIN	365703.40N/0873820.10W	820 (800)								AS1500	2300

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM
068/30 CW 158/30

TO
SUVME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
3.TOWER (17-000365)	373454.02N/0882834.01W		1318	250	50	4D	1000				AT1182	3500
4.TERRAIN	373454.02N/0882834.01W		1064 (1100)								AS1500	2600

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INITIAL

FROM
OYIJO

TO
HAMIV

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	10.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.TOWER (21-001357)	372151.00N/0874801.00W		919	20	3	1A	1000				AT1581	3500
6.TERRAIN	372200.00N/0874745.00W		555 (600)								AS1500	2100

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



INITIAL

FROM

SUVME

TO

HAMIV

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	10.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	373430.00N/0875724.00W		771	164	98	4E	1000				AT1729	3500
8.TERRAIN	373430.00N/0875724.00W		571 (600)								AS1500	2100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

HAMIV (IF/IAF)

TO

CUYAY

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.90											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	372341.89N/0875927.90W		919	50	20	2C	500				AT1181	2600
10.TERRAIN	372341.89N/0875927.90W		719 (700)								AS1500	2200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

CUYAY

TO

RW25

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.07		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.TREE (K5M9T0010)	372023.63N/0880609.07W		694	50	20	2C		34:1			AC20	893

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

CUYAY

TO

RW25

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.07		DA		302							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.TREE	372018.95N/0880531.66W		749	50	20	2C		23.44:1			AC20	945

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV

FROM

CUYAY

TO

JUTVO/1.90 NM TO RW25

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.17											
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
13.AAO	372151.24N/0880149.88W		885	50	3	2A	250				XL4 RA120	1260

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM

JUTVO/1.90 NM TO RW25

TO

RW25

<u>RNP</u>	<u>DISTANCE</u> 1.90	<u>PAT</u>	<u>MAP</u> RW25	<u>HAT</u> 357			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
12.TREE	372018.95N/0880531.66W		749	50	20	2C	250					1000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM
HAMIV

TO
P-5

RNP	DISTANCE	PAT P-5	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
14.TOWER (21-001972)	373153.62N/0874051.82W		905	20	3	1A	1000				AT1595	3500
15.TERRAIN	372354.00N/0875636.00W		650 (700)								AS1500	2200

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM
DA

TO
FEVOD

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 691					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				3500
16.TOWER (21-020085)	371415.74N/0881741.26W		1134	20	3	1A	1000					2200
17.TERRAIN	371918.00N/0881306.00W		817 (800)								AS1500	2300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

FEVOD

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
							769					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
16.TOWER (21-020085)	371415.74N/0881741.26W		1134	20	3	1A	1000					2200
17.TERRAIN	371918.00N/0881306.00W		817 (800)								AS1500	2300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV

FROM

RW25

TO

FEVOD

RNP	DISTANCE	PAT	MAP	HAT			HMAS 900					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
16.TOWER (21-020085)	371415.74N/0881741.26W		1134	20	3	1A	1000					2200
17.TERRAIN	371918.00N/0881306.00W		817 (800)								AS1500	2300

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.TREE	372041.50N/0880803.96W	1.30	530	863	50	3	2A	300			1180
CATEGORY B											
19.TOWER (21-001322)	371903.00N/0880432.00W	1.50	710	1053	20	3	1A	300			1360
CATEGORY C											
20.TOWER (21-001395)	371900.00N/0880434.00W	1.70	730	1076	20	3	1A	300			1380
CATEGORY D											
20.TOWER (21-001395)	371900.00N/0880434.00W	2.30	730	1076	20	3	1A	300			1380

CIRCLING REMARKS:

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

3500 USED IN INITIALS AND TAA PER ATC REQUEST.

AVERAGE VEGETATION ASSUMED TO BE 100 FT PER FPT.

250 KIAS AND 19 DEGREE BANK ANGLE USED TO DETERMINE INITIAL LEG LENGTHS.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZME ARTCC, LOU FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> K5M9	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> K5M9	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KEHR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KEHR	<u>DISTANCE</u> 34.77	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 117

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
K5M9 649.6, KEHR 386.7
RA = 116.74.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	
RW25 - MIRL (PCL), REIL (PCL), PAPI-4L (PCL)		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 627.8	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 35.7
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -16C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -16C	<u>APT ISA</u> +13.71C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 714 HIGH TEMP 1129.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	RW 07
20:1	
707 TREE (21-024568) 371953.90N/0880713.22W (2.23)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/33 FEET

ORDER 8260.3 CHAPTER 2 APPLIED TO 919 AAO 372341.89N/0875927.90W.



<u>AIRPORT ID</u> 5M9	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>AMDT NO.</u> 2A	<u>CITY</u> MARION	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 650	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.26
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	246.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	700
DISTANCE FROM	THLD	TO 1500FT POINT	5.27
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.39
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	246.37
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	700

THRESHOLD
COORDINATES
(IF STR-IN)

372019.32N/0880610.06W

ARP COORDINATES

372010.58N/0880635.01W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 25 DISTANCE 0.36 NM

FAF
COORDINATES

372245.62N/0875911.84W

FIX NAME
COORDINATES

REMARKS

OYIJO: 371620.68N/0874615.33W
SUVME: 373442.07N/0875617.25W
JUVTO: 315407.49N/1061929.28W

QUALITY
30
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> DONALD H. LANIER (TAYLOR B. GIBSON)	<u>OFFICE</u> AJV-A431	<u>DATE</u> 06/26/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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