

**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> KGDA	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 3A	<u>CITY</u> MARION	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 653	<u>TDZE</u> 643	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 05/19/2022	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 30 NOVEMBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 158/30 CW 339/30	NOPT	HAMIV	IF/IAF	3500
2. 339/30 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/1.86 NM TO RW25		TF	FB	0.30	248.37	4.21	
JUTVO/1.86 NM TO RW25		RW25	MAP	TF	FO	0.30	248.37	1.86	
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/1.86 NM TO RW25 1260					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.71	GS ANT:
6. MIN GP INCPT: 2600	GP ALT AT PFAF :	CUYAY 2600	OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

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}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD W, RT, 068.14 INBOUND.
CHART FAS OBST: 742 TREE (21-078426) 372051N/0880447W.
CHART 898 TOWER 372127N/0875926W.
790 TREE 372034N/0880323W.
CHART VDP AT 1.05 NM TO RW25.
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.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	893	1	250	893	1	250	893	1	250	893	1	250				
LNAV/VNAV DA	945	1	302	945	1	302	945	1	302	945	1	302				
LNAV MDA	1000	1	357	1000	1	357	1000	1	357	1000	1	357				
CIRCLING	1160	1	507	1360	1	707	1380	2	727	1380	2 1/4	727				

CHANGES - REASONS

- NOTES: REMOVED CHART NOTE: CIRCLING RWY 7 NA AT NIGHT - 20:1 OBSTRUCTION REMOVED FROM RWY 7.
- LOWERED CIRCLING CAT A MDA/HAA FROM 1180/527 TO 1160/507 - REMOVED XP ADJUSTMENT TO MAINTAIN CURRENT MINIMUMS; BEING FLIGHT CHECKED ON RNAV (GPS) RWY 7 AMDT 4.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZID, ZME, AMGR, EST FPT

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

OFFICE Digitally signed by
JOHN BORDY
Oct 18, 2023

DEVELOPED BY

JOHN BORDY (JOSHUA DUGAN)

Digitally signed by
JOHN BORDY
Oct 18, 2023

OFFICE
AJV-33

DATE
07/14/2023

APPROVED BY

JOHN BORDY

Digitally signed by
JOHN BORDY
Oct 18, 2023

OFFICE
AJV-33

DATE
10/18/2023

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KGDA
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	372019.3185N
LTP/FTP LONGITUDE	0880610.0625W
LTP/FTP ELLIPSOIDAL HEIGHT	+01620
FPAP LATITUDE	371943.4550N
FPAP LONGITUDE	0880752.3570W
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	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	DECCC2E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01913
FPAP ORTHOMETRIC HEIGHT	+01913

