

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 7	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> MARION	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 653	<u>TDZE</u> 653	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<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

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
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

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
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	6.81	2600
ELOCU	FAF	IDASE/1.78 NM TO RW07		TF	FB	0.30	068.23	4.21	
IDASE/1.78 NM TO RW07		RW07	MAP	TF	FO	0.30	068.23	1.78	
RW07	MAP	1020 MSL		CA			068.23		
1020 MSL		HAMIV		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LP: RW07
 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:

068.23

FAF: ELOCU

DIST FAF TO MAP: 5.99

DIST FAF TO THLD: 5.99

4. MIN ALT: FEVOD 3500, ELOCU 2600, IDASE/1.78 NM TO RW07 1260

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 CLEAR

TCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD E, RT, 248.45 INBOUND.
CHART FAS OBST: 785 TREE (21-078535) 372001N/0880826W, 757 TREE (21-078460) 371921N/0880851W.
CHART VDP AT 1.03 NM TO RW07.
WAAS CHANNEL # 90531
REFERENCE PATH ID: W07A
ELOCU TO RW07: 3.00/40.
LTP HAE: 169.7 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.

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	1020	1	367	1020	1	367	1020	1	367	1020	1	367			
LNAV MDA	1040	1	387	1040	1	387	1040	1 1/8	387	1040	1 1/8	387			
CIRCLING	1160	1	507	1360	1	707	1380	2	727	1380	2 1/4	727			



CHANGES - REASONS

1. MISSED APPROACH MAP REMOVED LPV: DA, LNAV/VNAV: DA ADDED LP: RW07 - REMOVED LNAV/VNAV AND LPV MINS ADDED LP MINS PER FPT GUIDANCE
2. PROFILE LINE 5 REMOVED 250 HAT: 0.66 LNAV/VNAV AND LPV REMOVED PER FPT INSTRUCTION
3. PROFILE LINE 6 REMOVED MIN GP INCPT: 2600 AND GP ALT AT PFAF : ELOCU 2600 - REMOVED LNAV/VNAV AND LPV PER FPT INSTRUCTION
4. PROFILE LINE 7 REMOVE 20:1 IS NOT CLEAR ADDED 20:1 IS CLEAR - AIPORT REMOVED 20:1 OBSTRUCTION AND REMOVED GPA AND TCH - LPV AND VNAV REMOV
5. NOTES UPDATED CHART NOTE FROM RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED TO RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM N AUTHORIZED - 20:1 OBSTRUCTION REMOVED.
6. NOTES REMOVED CHART NOTES CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C, CHART NOTE: STRAIGHT-IN RWY 7 NA AT NIGH CIRCLING RWY 7 NA AT NIGHT - LNAV/VNAV AND LPV REMOVED AND 20:1 OBSTRUCTION REMOVED.
7. ADDITIONAL FLIGHT DATA REMOVED CHART FAS OBST 790 TREE 372034N/0880323W - REMOVED LANV/VNAV AND LP
8. ADDITIONAL FLIGHT DATA ADDED CHART FAS OBST: 785 TREE (21-078535) 372001N/0880826W, 757 TREE (21-078460) 371921N/0880851W, CHART VDP AT 1.03 NM TO RW07 AND ELOCU RW07: 3.00/40.- IAW 8260.19I 8-6-10M
9. MINIMUMS REMOVED LPV DA AND LNAV/VNAV DA AND ADDED LP MINS - PER FPT INSTRUCTION
10. MINIMUMS LOWERED LNAV FROM 1080/427 TO 1040/387 AND LNAV CAT C/D VIS FROM 1 1/4 TO 1 1/8 AND CIRCLING CAT A FROM 1180/527 TO 1160/507 - NEW CONTROLLING OBSTACLE LNAV.
11. FAS DATA BLOCK CRC REMAINDER CHANGED FROM 621F6F28 TO 6C10E45D - VAL CHANGED FROM 50.0 TO 00

COORDINATED WITH:

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

Digitally signed by

FLIGHT CHECKED BY

KEVIN RIESE

JOHN BORDY

Oct 18, 2023

Digitally signed by

OFFICE

FPO

DATE

10/04/2023

DEVELOPED BY

JOHN BORDY (JOSHUA DUGAN)

JOHN BORDY

Oct 18, 2023

OFFICE

AJV-A33

DATE

07/10/2023

APPROVED BY

JOHN BORDY

Digitally signed by

JOHN BORDY

Oct 18, 2023

OFFICE

AJV-A33

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	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	371959.4435N
LTP/FTP LONGITUDE	0880706.7650W
LTP/FTP ELLIPSOIDAL HEIGHT	+01697
FPAP LATITUDE	372035.2960N
FPAP LONGITUDE	0880524.4585W
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)	00.0
CRC REMAINDER	6C10E45D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01989
FPAP ORTHOMETRIC HEIGHT	+01989