

**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><b>AIRPORT ID</b></u> KARG	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 4	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-C	<u><b>CITY</b></u> WALNUT RIDGE	<u><b>STATE</b></u> AR		
<u><b>AIRPORT ELEVATION</b></u> 279	<u><b>TDZE</b></u> 279	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 4	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-B	<u><b>DATED</b></u> 05/20/2021	<u><b>MAG VAR</b></u> 1E	<u><b>EPOCH YEAR</b></u> 2000
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 3 NOVEMBER 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 314/30 CW 134/30	NOPT	314/6 CW 134/6		3100
2. 314/6 CW 134/6		XIHAM	IF/IAF	2700
3. 134/30 CW 314/30		XIHAM	IF/IAF	3100

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
XIHAM	IF/IAF	ZUPTA		TF	FB	1.00	043.95	6.80	1900
ZUPTA	FAF	TILVE/1.81 NM TO RW04		TF	FB	0.30	044.01	3.14	
TILVE/1.81 NM TO RW04		RW04	MAP	TF	FO	0.30	044.01	1.81	
RW04	MAP	529 MSL		CA			044.01		
529 MSL		ESEGE		DF	FO	1.00			2700

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW04

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2700 DIRECT ESEGE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. PT            **SIDE OF COURSE**                            **OUTBOUND**                            **FT WITHIN**                            **MILES OF**                            (IAF)
- 2. HOLD SW XIHAM, RT, 043.95 INBOUND, 2700 FT. IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 044.01    **FAF:** ZUPTA    **DIST FAF TO MAP:** 4.95    **DIST FAF TO THLD:** 4.95
- 4. **MIN ALT:**    XIHAM 2700, ZUPTA 1900, TILVE/1.81 NM TO RW04 900
- 5. **DIST TO THLD FROM OM:**                            **MM:**                            **IM:**                            **150 HAT:**                            **250 HAT:** 0.64                            **GS ANT:**
- 6. **MIN GP INCPT:** 1900                            **GP ALT AT PFAF :** ZUPTA 1900    **OM:**    **MM:**    **IM:**
- 7. **GP ANGLE:** 3.00                            **34:1:** IS CLEAR                            **20:1:** IS CLEAR                            **TCH:** 45.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 SM.  
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS.

**ADDITIONAL FLIGHT DATA:**

HOLD NE, RT, 224.15 INBOUND.  
 CHART FAS OBST: 359 TREE (05-071490) 360702N/0905635W.  
 CHART VDP AT 0.93 NM TO RW04.  
 WAAS CHANNEL # 77825  
 REFERENCE PATH ID: W04A  
 CHART CIRCLING ICON.  
 LTP HAE: 56.9 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		
	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
LPV DA	529	3/4	250	529	3/4	250	529	3/4	250	529	3/4	250			
LNAV/VNAV DA	529	3/4	250	529	3/4	250	529	3/4	250	529	3/4	250			
LNAV MDA	620	3/4	341	620	3/4	341	620	3/4	341	620	3/4	341			
CIRCLING	840	1	561	840	1	561	840	1 1/2	561	1000	2 1/4	721			



**CHANGES - REASONS**

CHANGED TILVE STEPDOWN FIX FROM 800 MSL, 1.50NM TO RW04 TO 900 MSL, 1.81NM TO RW04 DUE TO NEW CONTROLLING OBSTACLE CHANGED FROM AAO 360317 .02N/0905906.24W AT 469 MSL TO TOWER 360340.20N/0905927.59W AT 522 MSL.

CHANGED FINAL. CONTROLLING OBSTACLE ID TREE(KARGT0183) TO TREE(05-071490). SAME CONTROLLING OBSTACLE ONLY ID CHANGED.

CHANGED FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C (5°F) OR ABOVE 42°C (107°F) TO: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C PER 8260.19I PARA 8-6-9 AND 8260.58B PARA 3-3-4.

REMOVED DME/DME RNP-0.3 NA ADDED RNP APCH-GPS PER 8260.19I 1-1-5 F.(18)PARAGRAPH 8-6-9.N PBN REQUIMENTS.

CHANGED FPAP LATITUDE/LONGITUDE FROM 360751.8600N/0905443.3500W TO 360751.8665N/0905443.3520W. 8260.58 PARA 3-1-5.

CHANGED LNAV VIS FROM 1 TO 3/4 8260.3E TABLE 3-3-1.

ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CAT C/D VISIBILITY TO 1 1/8 SM. 8260.19I 8-6-11.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV AND LNAV/VNAV ALL CATS 8260.19I 8-6-11.

ADDED CHART CIRCLING ICON NOTE IAW 8260.19I 8-6-10.

CRC REMAINDER CHANGED FROM FD403B0F TO 8466AB5B PER 8260.19I APEX K.

REMOVED BACKUP ALTIMETER AND ASSOCIATED NOTES- MOVED TO -9 AS A CONTINGENCY.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

MICHAEL S MILLER

**OFFICE**

FPO

**DATE**

08/24/2022

*Digitally signed by*

**DAVID TEFFETELLER**

Aug 26, 2022

**DEVELOPED BY**

STEVEN M. BARNETT (TROY PURNELL)

*Digitally signed by*

**CASIMIR L TABAKA**

Jul 21, 2022

**OFFICE**

AJV-A433

**DATE**

06/24/2022

**APPROVED BY**

JOHNNIE BAKER

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER

*Digitally signed by*

**CASIMIR L TABAKA**

Jul 21, 2022



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KARG
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	360648.8290N
LTP/FTP LONGITUDE	0905601.1875W
LTP/FTP ELLIPSOIDAL HEIGHT	+00569
FPAP LATITUDE	360751.8665N
FPAP LONGITUDE	0905443.3520W
THRESHOLD CROSSING HEIGHT (TCH)	00045.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8466AB5B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00851
FPAP ORTHOMETRIC HEIGHT	+00851

