

**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> OR0	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> COLUMBIA	<u>STATE</u> MS		
<u>AIRPORT ELEVATION</u> 270	<u>TDZE</u> 270	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 2 DECEMBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 144/30 CW 324/30	NOPT	NERAE	IF/IAF	2400
2. 324/30 CW 144/30		NERAE	IF/IAF	2400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NERAE	IF/IAF	NATVE		TF	FB	1.00	233.82	4.64	1900
NATVE	FAF	RW23	MAP	TF	FO	0.30	233.80	4.98	
RW23	MAP	588 MSL		CA			233.80		
588 MSL		HULNA		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT HULNA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. HOLD NE NERAE, RT, 233.82 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 233.80 FAF: NATVE DIST FAF TO MAP: 4.98 DIST FAF TO THLD: 4.98

4. MIN ALT: NERAE 2400, NATVE 1900

5. DIST TO THLD FROM PFAF: 4.98 MM: IM: 150 HAT: 318 HAT: 0.85 GS ANT:

6. MIN GP INCPT: 1900 GP ALT AT FAF : NATVE 1900 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: IS NOT 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 PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 053.66 INBOUND.
FAS OBST: 600 AAO 312015N/0894518W.
617 AAO 312154N/0894351W.
CHART VDP AT 1.72 NM TO RW23.
WAAS CHANNEL # 56236
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: 55.7 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
LPV DA	588	7/8	318	588	7/8	318	588	7/8	318	588	7/8	318			
LNAV/VNAV DA	761	1 3/8	491	761	1 3/8	491	761	1 3/8	491	761	1 3/8	491			
LNAV MDA	860	1	590	860	1	590	860	1 3/4	590	860	1 3/4	590			
CIRCLING	860	1	590	860	1	590	920	1 3/4	650	980	2 1/4	710			



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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	0R0
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	311808.3345N
LTP/FTP LONGITUDE	0894815.7920W
LTP/FTP ELLIPSOIDAL HEIGHT	+00557
FPAP LATITUDE	311715.5385N
FPAP LONGITUDE	0894939.6595W
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	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	CA310263

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00824
FPAP ORTHOMETRIC HEIGHT	+00824

QUALITY
2
CHECKED