

**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</u> SUMTER	<u>AIRPORT ID</u> KSMS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SUMTER	<u>STATE</u> SC
<u>AIRPORT ELEVATION</u> 182	<u>TDZE</u> 182	<u>SUPERSEDED</u> RNAV (GPS) RWY 23	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 02/01/2018	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 140/30 CW 320/30	NOPT	GAUGH	IF/IAF	2400
2. 320/30 CW 050/30		CIKVO	IAF	2400
3. 050/30 CW 140/30		050/19 CW 140/19		3100
4. 050/19 CW 140/19		ALVAH	IAF	2400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CIKVO	IAF	GAUGH	NOPT	TF	FB	1.00	320.31	6.50	2400
ALVAH	IAF	GAUGH	NOPT	TF	FB	1.00	140.20	6.50	2400
GAUGH	IF/IAF	AGOZE		TF	FB	1.00	230.26	6.02	1900
AGOZE	FAF	WUMIS/2.60 NM TO RW23		TF	FB	0.30	230.21	2.66	
WUMIS/2.60 NM TO RW23		RW23	MAP	TF	FO	0.30	230.21	2.60	
RW23	MAP	600 MSL		CA			230.21		600
600 MSL		GAUGH		DF	FO	1.00			2400



MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW23

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2400 DIRECT GAUGH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

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

2. HOLD NE GAUGH, LT, 230.26 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 230.21 FAF: AGOZE DIST FAF TO MAP: 5.26 DIST FAF TO THLD: 5.26

4. MIN ALT: GAUGH 2400, AGOZE 1900, WUMIS/2.60 NM TO RW23 1040*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.49 GS ANT:

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

7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 44.1

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LPV ALL CATS.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LNAV/VNAV CAT A/B VISIBILITY TO 7/8 SM.

ADDITIONAL FLIGHT DATA:

FAS OBST: 379 AAO 340258N/0801839W.
389 AAO 340352N/0801642W.
CHART R-6002A.
CHART VDP AT 0.98 NM TO RW23*
*LNAV ONLY.
WAAS CHANNEL # 58141
REFERENCE PATH ID: W23A
CHART CIRCLING ICON.
LTP HAE: 23.6 M



MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, 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	382	3/4	200	382	3/4	200	382	3/4	200	382	3/4	200			
LNAV/VNAV DA	460	3/4	278	460	3/4	278	460	3/4	278	460	3/4	278			
LNAV MDA	540	3/4	358	540	3/4	358	540	7/8	358	540	7/8	358			
CIRCLING	600	1	418	680	1	498	1000	2 1/2	818	1000	2 3/4	818			

CHANGES - REASONS

1. REPLACED CHART NOTE "DME/DME RNP-0.3 NA" WITH PBN REQUIREMENTS NOTE: "RNP APCH" - 8260.19H 8-6-8 B
2. REMOVED FAHRENHEIT VALUES FROM UNCOMPENSATED BARO-VNAV NOTE - PER 8260.19H, CHAP 8-6-7.S.
3. REMOVED BACK-UP ALTIMETER AND ASSOCIATED BARO-VNAV NOTES AND VDP NA NOTE - MOVED TO -9 AS A CONTINGENCY - PRIMARY ALTIMETER SOURCE ON WMSCR, IAW 8260.19H 8-6-9.
4. CIRCLING: UPDATED CAT B MDA HAA FROM 640/458 TO 680/498 - NEW CONTROLLING OBSTACLE, 311 FT MSL TANK (45-053789) CANCELS FDC NOTAM 9/1047.
5. ADDED "IS CLEAR" TO 20:1 ON LINE 7 - IAW 8260.19H, PARA 8-6-7.
6. ADDED MAX ALTITUDE 6000 TO HOLD-IN-LIEU ALTITUDE ON LINE 2 - CURRENT CRITERIA IAW 8260.19H 8-6-7 B (2).
7. ADDED CHART NOTE FOR INOPERATIVE ALS - UPDATED VISIBILITY CALCULATION.

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, SHAW AFB APP CON, AMGR**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED**DEVELOPED BY**

WARDELL HENNING (LORRI DOWNEY)

APPROVED BY

GEORGE DAVIS

OFFICE*Digitally signed by* **WARDELL HENNING** **DATE***Digitally signed by***WARDELL HENNING** **OFFICE**
AJV-A432

Jun 04, 2020

DATE
05/04/2020*Digitally signed by***WARDELL HENNING**

Jun 04, 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	KSMS
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	340004.3685N
LTP/FTP LONGITUDE	0802119.0645W
LTP/FTP ELLIPSOIDAL HEIGHT	+00236
FPAP LATITUDE	335859.2640N
FPAP LONGITUDE	0802232.3715W
THRESHOLD CROSSING HEIGHT (TCH)	00044.1
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)	35.0
CRC REMAINDER	F5EA18E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00554
FPAP ORTHOMETRIC HEIGHT	+00554

