

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29**

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> KSMS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SUMTER	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 182	<u>TDZE</u> 182	<u>SUPERSEDED</u> ILS OR LOC RWY 23	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/10/2020	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-SMS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 AUGUST 2023	<u>REQUIRED EFFECTIVE DATE</u> 08/10/2023	<u>CANCEL/SUSPEND</u>		

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>
CTF VOR/DME	IAF	GAUGH INT/I-SMS 12.36 DME	NOPT				176.09	30.89	2100
GAUGH INT/I-SMS 12.36 DME	IF/IAF	AGOZE/I-SMS 6.33 DME					230.17	6.02 (I-SMS)	1900

MISSED APPROACH

MAP:

ILS: DA
LOC: I-SMS 1.08 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 050 AND CTF VOR/DME R-176 TO GAUGH INT/I-SMS 12.36 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD NE GAUGH, LT, 230.17 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 4600.
3. FAC: 230.17 FAF: AGOZE/I-SMS 6.33 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.26
4. MIN ALT: GAUGH INT/I-SMS 12.36 DME 2000, AGOZE/I-SMS 6.33 DME 1900, WUMIS/I-SMS 3.68 DME 1040
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 850
6. MIN GS INCPT: 1900 GS ALT AT PFAF: AGOZE/I-SMS 6.33 DME 1900 OM: MM: IM:
7. GS ANGLE: 3.00 34:1: 20:1: TCH: 44.1
8. MSA FROM: SMS NDB 3100

EQUIPMENT REQUIREMENTS NOTE:

DME REQUIRED.



NOTES:

CHART NOTE: CIRCLING NA TO RWYS 14 AND 32.

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 23 ALL CATS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CTF VOR/DME ON V259 NORTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

FAS OBST: 275 TREE 340028N/0802106W.

CHART R-6002A.

CHART VDP AT 2.06 DME.

DISTANCE VDP TO THLD 0.98 NM.

CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, 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
S-ILS 23	382	3/4	200	382	3/4	200	382	3/4	200	382	3/4	200			
S-LOC 23	540	3/4	358	540	3/4	358	540	7/8	358	540	7/8	358			
CIRCLING	600	1	418	680	1	498	960	2 1/4	778	960	2 1/2	778			

CHANGES - REASONS

1. REMOVED LEGS "VAN VORTAC TO GAUGH" AND "FLO VORTAC TO GAUGH" IN TERMINAL ROUTES - VAN AND FLO VOR MON.
2. CHANGED MISSED APPROACH FROM "CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 040 AND FLO VORTAC R-249 TO CIKVO INT/FLO 24.50 DME AND HOLD" TO "CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 050 AND CTF VOR/DME R-176 TO GAUGH INT/I-SMS 12.36 DME AND HOLD" - PREVIOUS MISSED APPROACH UTILIZED FLO VORTAC, REDESIGN APPROVED BY FPT/ATC.
3. REMOVED ASTERISK FROM "WUMIS/I-SMS 3.68 DME 1040*" IN PROFILE LINE 4 AND ASTERISK FROM "CHART VDP AT 2.06 DME*" IN ADDITIONAL FLIGHT DATA - DOCUMENTATION NO LONGER REQUIRED.
4. REMOVED "LOC ONLY" FROM ADDITIONAL FLIGHT DATA - NOTE NO LONGER REQUIRED.
5. REMOVED NOTE "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON FLO VORTAC AIRWAY RADIALS 224 CW 312" - FLO VORTAC REMOVED FROM PROCEDURE.
6. REMOVED ADDITIONAL FLIGHT DATA NOTE "CHART IN PLANVIEW ONLY: VAN 41.64 DME AT GAUGH" - VAN VORTAC REMOVED FROM PROCEDURE.
7. REMOVED ADDITIONAL FLIGHT DATA NOTE "HOLD W, RT, 068.74 INBOUND" - MISSED APPROACH REDESIGNED TO RETURN TO HILO-PT, NOTE NO LONGER REQUIRED IAW 8260.19I 8-6-6.G.
8. ADDED ADDITIONAL FLIGHT DATA NOTE "FAS OBST: 275 TREE 340028N/0802106W"; REMOVED "CHART FAS OBST: 284 TREE 340028N/0802104W" AND "389 AAO 340352N/0801642W" - NEW CONTROLLING OBSTACLE BASED ON NEW MAPS AND SATELLITE IMAGERY, FAS OBSTACLE NOT CHARTED IAW 8260.19I 8-6-10.C., NO 7:1 OBSTACLE WITH NEW OBSTACLE EVALUATION.
9. UPDATED ALTERNATE MINIMUMS FROM "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - ALTERNATE MINIMUMS UPDATED WITH CIRCLING MINIMUM CHANGES.
10. UPDATED CIRCLING CAT C CMDA/VIS/HAA FROM "1000 / 2 1/2 / 818" TO "960 / 2 1/4 / 778" AND CAT D CMDA/VIS/HAA FROM "1000 / 2 3/4 / 818" TO "960 / 2 1/2 / 778" - XP ADJUSTMENT REMOVED FROM CONTROLLING OBSTACLE.

06/26/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 12/29/22.

1. CHANGED REQUIRED EFFECTIVE DATE FROM ROUTINE TO 08/10/2023. - HARD DATED



AIRPORT ID
KSMS

PROCEDURE NAME
ILS OR LOC RWY 23

ORIGINAL/AMENDMENT
2

CITY
SUMTER

STATE
SC

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZJX, SHAW AFB APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY
PENDING

JASON KRETSCHMER

OFFICE

DATE

Jun 26, 2023

Digitally signed by

DEVELOPED BY

JASON KRETSCHMER (COLIN CAMPBELL)

ERIC N SUSKI

OFFICE

DATE

Mar 01, 2023

Digitally signed by

APPROVED BY

JASON KRETSCHMER

ERIC N SUSKI

OFFICE

DATE

TITLE
MANAGER

Mar 01, 2023

QUALITY
40
CHECKED