

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> KSPA	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> SPARTANBURG	<u>STATE</u> SC		
<u>AIRPORT ELEVATION</u> 802	<u>TDZE</u> 802	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/25/2017	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> I-SPA	<u>COORDINATES OF FACILITIES</u> 345528.08N / 0815649.49W	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<u>REQUIRED EFFECTIVE DATE</u> 06/17/2021	<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>
SPA VORTAC		FREST INT/I-SPA 11.88 DME					211.93	17.80	2500
FREST INT/I-SPA 11.88 DME	IF/IAF	VETPY/I-SPA 5.07 DME					046.58	6.81 (I-SPA)	2100

MISSED APPROACH

MAP:

ILS: DA
LOC: I-SPA 1.13 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING LEFT TURN TO 3000 DIRECT SPA VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2500 ON HEADING 210 AND ON JUDKY LOM BRG-276 TO FREST INT/I-SPA 11.88 DME AND HOLD (ADF REQUIRED).

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW FREST, RT, 046.58 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 5200.
3. FAC: 046.58 FAF: VETPY/I-SPA 5.07 DME DIST FAF TO MAP: DIST FAF TO THLD: 3.94
4. MIN ALT: FREST INT/I-SPA 11.88 DME 2500, VETPY/I-SPA 5.07 DME 2100
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 798
6. MIN GS INCPT: 2100 GS ALT AT FAF: VETPY/I-SPA 5.07 DME 2100 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 50.0
8. MSA FROM: SPA VORTAC 044-224 2900, 224-044 5200

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPA VORTAC AIRWAY RADIALS 231 CW 269.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 5 CATS C/D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
HOLD S, RT, 014.00 INBOUND.
CHART FAS OBST: 899 TREE 345359N/0815814W.
957 AAO 345119N/0820056W.
CHART VDP AT 2.13 DME*
DISTANCE VDP TO THLD 1.00 NM.
*LOC ONLY.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - 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 05	1002	1/2	200	1002	1/2	200	1002	1/2	200	1002	1/2	200			
S-LOC 05	1160	1/2	358	1160	1/2	358	1160	5/8	358	1160	5/8	358			
CIRCLING	1320	1	518	1320	1	518	1380	1 1/2	578	1420	2	618			



CHANGES - REASONS

FACILITY COORDINATES (CONTINUED): GS: 345441.42N/0815735.13W, DME: 345527.90N/0815649.02W

THIS AMENDMENT INCORPORATES PRIOR P-NOTAM CHANGES.

- APT ELEV CHANGED FROM 801 TO 802 - NEW SURVEY DATA.
- TDZE CHANGED FROM 801 TO 802 - NEW SURVEY DATA.
- TERMINAL ROUTE FREST TO MEANS OM, MEANS OM REPLACED WITH FIX VETPY, COURSE/DISTANCE CHANGED FROM 046.59/6.94 TO 046.58/6.81 - MEANS OM DECOMMISSIONED, REPLACED WITH FIX VETPY AT PFAF LOCATION.
- MISSED APPROACH, LOC MAP CHANGED FROM "3.81 MILES AFTER MEANS OM" TO "I-SPA 1.13 DME" - MEANS OM DECOMMISSIONED AND DME ADDED TO I-SPA.
- MISSED APPROACH, ADDED CLIMB-IN-HOLD - CLIMB-IN-HOLD REQUIRED UNDER 8260.3D DUE TO PROJECTED AIRCRAFT ALTITUDE BELOW HOLDING ALTITUDE.
- ALTERNATE MISSED, CHANGING ROUTING AND HOLDING FIX FROM FRT NDB TO FREST - FRT NDB DECOMMISSIONED.
- PROFILE SECTION, LINE 2, CHANGED INBOUND COURSE FOR 046.59 TO 046.58 - RECALCULATION.
- PROFILE SECTION, LINE 2, ADDED MAXIMUM HOLDING ALTITUDE - 8260.19H REQUIREMENT.
- PROFILE SECTION, LINE 3, CHANGED FAC FROM 046.59 TO 046.58, FAF FROM MEANS OM TO VETPY, AND DIST FAF TO THLD FROM 3.81 TO 3.94 - RECALCULATION AND MEANS OM DECOMMISSIONED.
- PROFILE SECTION, LINE 3, REMOVED DIST FAF TO MAP - TIMING TABLE NO LONGER USED AS PROCEDURE REQUIRES DME.
- PROFILE SECTION, LINE 4, MEANS OM REPLACED WITH VFIX VETPY - MEANS OM DECOMMISSIONED.
- PROFILE SECTION, LINE 5, REMOVED DIST TO THLD FROM OM - MEANS OM DECOMMISSIONED.
- PROFILE SECTION, LINE 5, DIST TO THLD FROM GS ANT CHANGED FROM 790 TO 798 - GLIDESLOPE ANTENNA RELOCATED.
- PROFILE SECTION, LINE 6, GS ALT AT OM REMOVED, GS ALT AT FAF: VETPY ADDED - MEANS OM DECOMMISSIONED.
- PROFILE SECTION, LINE 7, TCH CHANGED FROM 48.6 TO 50.0 - RELOCATED GLIDESLOPE ANTENNA, DESIGN TCH USED.
- REPLACED PLANVIEW NOTE "ADF OR DME REQUIRED" WITH EQUIPMENT REQUIREMENTS NOTE "DME REQUIRED" - 8260.19H REQUIREMENT, ADF NO LONGER REQUIRED.
- REMOVED BACKUP ALTIMETER NOTE - 8260.19H, NOTE ENTERED ON FORM 8260-9.
- ADDED "PROCEDURE NA FOR ARRIVAL" NOTE - AMOUNT OF TURN EXCEEDS 120 DEGREES.
- ADDED INOP ALS NOTE - INCREASES ARE NOT ALL STANDARD.
- ADDED VGSI NON-COINCIDENCE NOTE - VGSI AND ILS GLIDEPATH TCH NOW DIFFER BY 4.8 FEET.
- ADDITIONAL FLIGHT DATA, ADDED CIRCLING ICON - NEW CIRCLING AREAS EVALUATED.
- ADDITIONAL FLIGHT DATA, FAS OBSTACLE AND 7:1 OBSTACLE UPDATED - CURRENT SURVEY DATA.
- ADDITIONAL FLIGHT DATA, ADDED VDP - DME NOW AVAILABLE.
- MINIMUMS, S-ILS 5 DA INCREASED FROM 1001 TO 1002 - UPDATED TDZE.
- MINIMUMS, S-LOC 5 MDA/HAT CHANGED FROM 1200/399 TO 1160/358 - UPDATED SURVEY DATA.
- MINIMUMS, S-LOC 5 VIS CAT C/D CHANGED FROM 3/4 TO 5/8 - RECALCULATION USING NEW HAT VALUES.
- MINIMUMS, CIRCLING CAT A/B HAA CHANGED FROM 519 TO 518 - UPDATED APT ELEV.
- MINIMUMS, CIRCLING CAT C MDA/HAA CHANGED FROM 1320/519 TO 1380/578 - NEW CIRCLING AREAS EVALUATED.
- MINIMUMS, CIRCLING CAT D MDA/HAA CHANGED FROM 1380/579 TO 1420/618 - NEW CIRCLING AREAS EVALUATED.

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, GSP APP CON, CITY OF SPARTANBURG**FLIGHT CHECKED BY**
PENDING*Digitally signed by***JASON KRETSCHMER**

Nov 18, 2020

OFFICE**DATE****DEVELOPED BY**
RUSSELL ROSLEWSKI*Digitally signed by***RUSSELL ROSLEWSKI**

Oct 13, 2020

OFFICE

AJV-A421

DATE

08/24/2020

APPROVED BY
MARLON ROBINSON*Digitally signed by***JASON KRETSCHMER**

Nov 17, 2020

OFFICE

AJV-A420

DATE**TITLE**
MANAGERQUALITY
16
CHECKED