

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
SPI	VOR RWY 22	1	SPRINGFIELD	IL		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
598	598	VOR/DME RWY 22	ORIG-D	08/13/2020	1W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
SPI	395023.04N/0894039.85W	2 OCTOBER 2025	ROUTINE			

**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>
SPI VORTAC		CAYAC/6.43 DME					035.07	6.43	2400

**MISSED APPROACH**

**MAP:**

HEKOL/0.94 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2400 ON SPI VORTAC R-215 THEN RIGHT TURN DIRECT SPI VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. **PT** L **SIDE OF COURSE** 035.07 **OUTBOUND** 2400 **FT WITHIN** 10 **MILES OF** CAYAC/6.43 DME (IAF)
- 2.
3. **FAC:** 215.07 **FAF:** CAYAC/6.43 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.49
4. **MIN ALT:** CAYAC/6.43 DME 2400
8. **MSA FROM:** SPI VORTAC 180-360 2700, 360-180 3100



**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART NOTE: VDP NA WHEN USING AAA ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE ALL MDA 60 FEET AND S-22 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING CAT C/D VISIBILITY 1/4 SM.

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-22 CAT C/D VISIBILITY TO 1 3/8 SM.

CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-22 CAT C/D VISIBILITY TO 1 5/8 SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPINNER VORTAC AIRWAY RADIALS 314 CW 082.

**ADDITIONAL FLIGHT DATA:**

CHART: ASR

HOLD SW, RT, 036.00 INBOUND.

FAS OBST: 804 AAO 395442N/0893806W.

CHART VDP AT 2.34 DME.

DISTANCE VDP TO THLD 1.40 NM.

FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.

CAYAC TO RW22: 3.00/54.

CHART CIRCLING ICON.

**MINIMUMS:****TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ 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-22	1100	1/2	502	1100	1/2	502	1100	1	502	1100	1	502			
CIRCLING	1100	1	502	1100	1	502	1360	2 1/4	762	1380	2 1/2	782			

**CHANGES - REASONS**

1. CHANGED PROCEDURE NAME FROM "VOR/DME RWY 22" TO "VOR RWY 22" – CURRENT DOCUMENTATION STANDARDS.

2. TERMINAL ROUTES: CHANGED "5.72 DME, 036.00/5.72, 2200" TO 6.43 DME, 035.07, 6.43, 2400" – FAF MOVED N 4345.75 FEET, PER ATC REQUEST.

3. MISSED APPROACH: CHANGED "CLIMB TO 2200 VIA SPI R-216 THEN RIGHT TURN DIRECT SPI VORTAC AND HOLD" TO "CLIMB TO 2400 ON SPI VORTAC R-215 THEN RIGHT TURN DIRECT SPI VORTAC AND HOLD" – PER ATC REQUEST.

4. PROFILE LINE 1: CHANGED "036.0, 2200, CAYAC" TO "035.07, 2400, CAYAC/SPI 5.72 DME" – FAF MOVED N 4345.75 FEET, PER ATC REQUEST.

5. PROFILE LINE 3: CHANGED "216, CAYAC, 4.78" TO "215.07, CAYAC/6.43 DME, 5.49" - FAF MOVED N 4345.75 FEET, COURSE AND DME FROM SPINNER VORTAC.

6. PROFILE LINE 6: "CAYAC 220" TO "CAYAC/6.43 DME 2400" - COURSE AND DME FROM SPINNER VORTAC, PER ATC REQUEST.

7. PROFILE LINE 8: CHANGED "SPI VORTAC 360-180 3100, 180-360 2700" TO "SPI VORTAC 3100" – NEW OBSTACLE EVALUATION.

8. CHANGED "VDP NA WHEN USING LOGAN COUNTY ALTIMETER SETTING" TO "CHART NOTE: VDP NA WHEN USING AAA ALTIMETER SETTING" – CURRENT DOCUMENTATION STANDARDS.

9. CHANGED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING: INCREASE ALL MDA 60 FEET AND S-13 AND CIRCLING CAT C AND D 1/4 SM" TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING: INCREASE ALL MDA 60 FEET AND S-22 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING CAT C/D VISIBILITY 1/4 SM" – CURRENT DOCUMENTATION STANDARDS.

10. CHANGED "FOR INOPERATIVE MALSR, INCREASE S-22 CAT D VISIBILITY TO 1 ¼" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-22 CAT C/D VISIBILITY TO 1 3/8 SM" – NEW OBSTACLE EVALUATION.

11. ADDED "CHART NOTE: FOR INOPERATIVE ALS WHEN USING AAA ALTIMETER SETTING, INCREASE S-22 CAT C/D VISIBILITY TO 1 5/8 SM" – IAW 8260.19J, 8-6-120(3)D.

12. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPINNER VORTAC AIRWAY RADIALS 314 CW 082" – OUTSIDE OF 90 DEGREE ALIGNMENT CRITERIA.

13. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST:710 TANK 395344N/0893716W" TO "FAS OBST: 804 AAO 395442N/0893806W" – NEW CONTROLLING OBSTACLE.

14. ADDITIONAL FLIGHT DATA: CHANGED "CHART VDP AT 1.90 DME AND DISTANCE VDP TO THLD 0.97 NM" TO "CHART VDP AT 2.34 DME AND DISTANCE VDP TO THLD 1.40 NM" - PROCEDURE RE-DESIGNED IAW 8260.3F.

15. ADDITIONAL FLIGHT DATA: CHANGED "FAC CROSSES RWY C/L EXTENDED 4220 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD" - PROCEDURE RE-DESIGNED IAW 8260.3F.



7/16/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 7/14/2025.  
1. CHANGED PROCEDURE NAME FROM "VOR/DME RWY 22" TO "VOR RWY 22".

COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER: SPI APP CON, SPI ATCT, ZKC, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by

CASIMIR L TABAKA

Jul 14, 2025

OFFICE

AJF

DATE

07/10/2025

DEVELOPED BY

CASIMIR L. TABAKA (ROBERT A. SWINSON)

Digitally signed by

CASIMIR L TABAKA

Jul 14, 2025

OFFICE

AJV-A432

DATE

10/15/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jul 14, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER

