

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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
SPI	ILS OR LOC RWY 22	10	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SUPERSEDED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	ILS OR LOC RWY 22	9C	09/13/2018	1W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-LQY		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>
GROWL INT/SPI 14.68 DME		LICOL LOM/RADAR	FAF/IAF				155.26 (LQ BRG-335)	11.52	2400
SPI VORTAC		LICOL LOM/RADAR					040.68	5.53	2400

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.61 NM AFTER LICOL LOM/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN 2700 ON HEADING 250 AND ON SPI VORTAC R-235 TO CUBVO/12.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 2400 DIRECT LICOL LOM/RADAR AND HOLD NE.

PROFILE:

1.	PT	L	SIDE OF COURSE	042.63	OUTBOUND	2400	FT WITHIN	10	MILES OF	LICOL LOM/RADAR (IAF)			
2.													
3.	FAC:	222.63	FAF:	LICOL LOM/RADAR			PFAF:	GP INTCP		DIST FAF TO MAP:	4.61	DIST FAF TO THLD:	4.61
4.	MIN ALT:	LICOL LOM/RADAR 2400, SLIES/SPI 2.46 DME 1140											
5.	DIST TO THLD FROM OM:	4.61	MM:		IM:		150	HAT:	GS ANT:	1101			
6.	MIN GS INCPT:	2400	GS ALT AT PFAF:	2400									
7.	GS ANGLE:	3.00	34:1:		20:1:		TCH:	53.7	OM:	2119	MM:	IM:	
8.	MSA FROM:	LICOL LOM 090-180 3100, 180-090 2700											



EQUIPMENT REQUIREMENTS NOTES:

ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED.

NOTES:

CHART NOTE: VDP NA WHEN USING AAA ALTIMETER SETTING.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPI VORTAC AIRWAY RADIALS 355 CW 100.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING; INCREASE S-ILS 22 DA TO 856 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 22 VISIBILITY CAT C/D 1/4 SM, AND CIRCLING CAT C/D VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART: (CFRTH) 395947.23N/0893007.06W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LICOL LOM/SPI 5.53 DME, RT, 222.63 INBOUND.
HOLD SW, RT, 054.57 INBOUND.
CHART FAS OBST: 673 TREE (17-031817) 395146N/0893934W.
CHART CIRCLING ICON.
CHART: ASR.

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 22	798	1/2	200	798	1/2	200	798	1/2	200	798	1/2	200			
S-LOC 22	980	1/2	382	980	1/2	382	980	5/8	382	980	5/8	382			
CIRCLING	1040	1	442	1100	1	502	1360	2 1/4	762	1380	2 1/2	782			

CHANGES - REASONS

1. TERMINAL ROUTES: CHANGE GROWL FEEDER SEGMENT COURSE, DISTANCE FROM "155.16/11.41" TO "155.26 (LQ BRG-335)/11.52", CHANGED ALTITUDES FROM "2200" TO 2400" –PER FPT/ATC REQUEST.
2. MISSED APPROACH: CHANGED FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 ON SPI VORTAC R-235 TO CUBVO/SPI 12.00 DME AND HOLD" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 ON HEADING 250 AND ON SPI VORTAC R-235 TO CUBVO/SPI 12.00 DME AND HOLD" – PER FPT/ATC REQUEST.
3. ALTERNATE MISSED APPROACH: CHANGED FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2200 DIRECT LICOL LOM/RADAR AND HOLD" TO "CLIMB TO 1900 THEN CLIMBING RIGHT TURN TO 2400 DIRECT LICOL LOM/RADAR AND HOLD" – PER FPT/ATC REQUEST.
4. PROFILE LINE 1: CHANGED "2200" TO "2400" – PER ATC REQUEST, NEW CONTROLLING OBSTACLE.
5. PROFILE LINE 4: CHANGED "2200" TO "2400", ADDED "SLIES/SPI 2.46 DME 1140" – RAISED ALTITUDE AND ADDED STEPDOWN PER ATC REQUEST.
6. PROFILE LINE 6: CHANGED "2200" TO "2400", OM FROM "2139" TO "2119" – PER FPT/ATC REQUEST.
7. ADDED "CHART NOTE: VDP NA WHEN USING AAA ALTIMETER SETTING" – IAW 8260.19J, 8-6-10E(9).
8. ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE AAA ALTIMETER SETTING; INCREASE S-ILS 22 DA TO 856 FEET; INCREASE ALL MDAS 60 FEET AND S-LOC 22 VISIBILITY CAT C/D 1/4 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM" – PER ATC REQUEST.
9. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPINNER VORTAC AIRWAY RADIALS 355 CW 100" – OUTSIDE OF 90 DEGREE ALIGNMENT CRITERIA.
10. ADDITIONAL FLIGHT DATA: CHANGED "CHART FAS OBST: 712 TOWER 395253N/0893746W" TO "CHART FAS OBST: 673 TREE (17-031817) 395146N/0893934W" – NEW CONTROLLING OBSTACLE.
11. ADDITIONAL FLIGHT DATA: CHANGED "CHART: (CFRTH) AT 395918.21N/0893108.45W" TO "CHART: (CFRTH) 395947.23N/0893007.06W" - RAISED PFAF ALTITUDE FROM 2200 TO 2400.
11. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP AT 1.96 DME, DISTANCE VDP TO THLD 1.03 NM" – IAW 8260.19J, 8-6-11(M).



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

10/02/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Jul 14, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER

