

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</u> ABRAHAM LINCOLN CAPITAL	<u>AIRPORT ID</u> KSPI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 9C	<u>CITY</u> SPRINGFIELD	<u>STATE</u> IL	
<u>AIRPORT ELEVATION</u> 598	<u>TDZE</u> 598	<u>SUPERSEDED</u> ILS OR LOC RWY 22	<u>ORIGINAL/AMENDMENT</u> 9B	<u>DATED</u> 05/29/2014	<u>MAG VAR</u> 1W	<u>EPOCH YEAR</u> 2005
<u>FACILITY</u> I-LQY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 13 SEPTEMBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
GROWL INT/SPI 14.68 DME		LICOL LOM/RADAR	FAF/IAF				155.16	11.41	2200
SPI VORTAC		LICOL LOM/RADAR					040.68	5.53	2200

MISSED APPROACH

MAP:

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

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2200 DIRECT LICOL LOM/RADAR AND HOLD.

PROFILE:

1. PT L **SIDE OF COURSE** 042.63 **OUTBOUND** 2200 **FT WITHIN** 10 **MILES OF** LICOL LOM (IAF)

2.

3. **FAC:** 222.63 **FAF:** LICOL LOM/RADAR **DIST FAF TO MAP:** 4.61 **DIST FAF TO THLD:** 4.61

4. **MIN ALT:** LICOL LOM/RADAR 2200

5. **DIST TO THLD FROM OM:** 4.61 **MM:** **IM:** **150 HAT:** **HAT:** **GS ANT:** 1101

6. **MIN GS INCPT:** 2200 **GS ALT AT FAF :** **OM:** 2139 **MM:** **IM:**

7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 53.7

8. **MSA FROM:** LQ LOM 180-090 2700, 090-180 3100

EQUIPMENT REQUIREMENTS NOTES

ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY, DME REQUIRED

NOTES:



ADDITIONAL FLIGHT DATA:

CHART: ASR
CHART: (CFRTH) AT 395918.21N/0893108.45W
CHART CIRCLING ICON.
CHART FAS OBST: 712 TOWER 395253N/0893746W.
CHART 783 TOWER 395528N/0893412W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LICOL LOM/RADAR, RT, 222.63 INBOUND.
HOLD SW, RT, 054.56 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN CONTROL TOWER CLOSED.

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. INCORPORATED NOTAM FDC 1/1056: UPDATED FAS OBST FROM "710 TANK 395344N/0893716W" TO "712 TOWER 395253N/0893746W" AND RAISED S-LOC ALL CATS MDA/HAT FROM 960/362 TO 980/382, RAISED CAT C VIS FROM 1/2 TO 5/8 AND LOWERED CAT D VIS FROM 3/4 TO 5/8 - IAW MEMO DATED 2/21/2014; NEW CONTROLLING OBSTACLE.
2. INCORPORATED NOTAM FDC 4/3549 - IAW MEMO DATED 2/21/2014.
3. UPDATED THE MISSED INSTRUCTIONS FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 VIA SPI VORTAC R-235 TO CUBVO INT/SPI 12.00 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1500 THEN CLIMB RIGHT TURN TO 2200 DIRECT LICOL LOM/RADAR AND HOLD NE, RT, 222.63 INBOUND" TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2700 ON SPI VORTAC R-235 TO CUBVO/SPI 12.00 DME AND HOLD" AND "ALTERNATE MA (DO NOT CHART): CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 2200 DIRECT LICOL LOM/RADAR AND HOLD NE, RT, 222.63 INBOUND." - CUBVO CROSSING RADIAL FACILITY IJX VORTAC DECOM AND UPDATED FORMAT.
4. ADDED "CHART 783 TOWER 395528N/0893412W" TO ADDITIONAL FLIGHT DATA - IDENTIFIED 7:1 OBSTACLE; IAW 8260.19H 8-6-10.E.
5. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA; LOWERED CAT A CMDA/HAA FROM 1160/562 TO 1040/442 AND CAT B CMDA/HAA FROM 1160/562 TO 1100/502; RAISED CAT C CMDA/HAA FROM 1160/562 TO 1360/762 AND CAT D CMDA/HAA FROM 1200/602 TO 1380/782; RAISED CIRCLING CAT C VIS FROM 1 1/2 TO 2 1/4 AND CAT D VIS FROM 2 TO 2 1/2; - APPLIED NEW CIRCLING CRITERIA; IAW 8260.19H 8-6-10.T; PREVIOUSLY FLIGHT CHECKED ON ILS OR LOC RWY 4 AMDT 25G
6. UPDATED "ADF OR RADAR REQUIRED" TO "ADF OR RADAR REQUIRED FOR PROCEDURE ENTRY" AND MOVED THE NOTE TO EQUIPMENT REQUIREMENTS NOTES AND AND DELETED "CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED" - IAW 8260.19H 8-6-8.A AND MEMO IMPLEMENTATION OF FAA ORDER 8260.19H FLIGHT PROCEDURES AND AIRSPACE, DATED 09/12/2017.
7. ADDED "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES - CUBVO CROSSING RADIAL FACILITY IJX VORTAC DECOM
8. MOVED THE BACK-UP ALTIMETER NOTE AND ALL ASSOCIATED NOTES TO THE 8260-9 PART C GENERAL REMARKS - IAW 8-6-9.F.(3).
9. DELETED "# CAT D 700-2" AND ADDED "CAT C 800-2 1/4, CAT D 800-2 1/2" - APPLIED NEW CIRCLING CRITERIA; IAW 8260.3C 3-4-1.
10. ADDED "CHART: (CFRTH) 395918.21N/0893108.45W" TO ADDITIONAL FLIGHT DATA - FACF CODING REQUIREMENTS, IAW ARINC 424-18 SUPPLEMENTAL GUIDANCE 6.2.4.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** SPI APP CON, SPI ATCT, ZKC, AMGR

FLIGHT CHECKED BY

MARC WEBBER

Digitally signed by
DONALD H LANIER
Jul 13, 2018

OFFICE

FICO

DATE

7/11/18

DEVELOPED BY

DONALD H. LANIER (JACOB MAXFIELD)

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Jul 13, 2018

OFFICE

AJV-5431

DATE

04/09/2018

APPROVED BY

PATRICK MULQUEEN

Digitally signed by
DONALD H LANIER
Jul 13, 2018

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AJV-5430

DATE

TITLE

MANAGER

