

**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> DEC	<u>PROCEDURE NAME</u> ILS OR LOC RWY 6	<u>ORIGINAL/AMENDMENT</u> 15	<u>CITY</u> DECATUR	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 682	<u>TDZE</u> 677	<u>SUPERSEDED</u> ILS OR LOC RWY 6	<u>DATED</u> 08/10/2023	<u>MAG VAR</u> 1W
<u>FACILITY</u> I-DEC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 JANUARY 2024	<u>REQUIRED EFFECTIVE DATE</u> 01/25/2024	<u>EPOCH YEAR</u> 2000
			<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>
SPI VORTAC	IAF	FOSTT INT/I-DEC 14.04 DME	NOPT				105.98	27.41	3100
FOSTT INT/I-DEC 14.04 DME	IF	ELWIN LOM/I-DEC 5.84 DME					060.13	8.20 (I-DEC)	2200

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.27 NM AFTER ELWIN LOM/I-DEC 5.84 DME OR AT I-DEC 1.56 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 THEN CLIMBING LEFT TURN TO 3100 ON HEADING 270 AND AXC VORTAC R-348 TO MAROA INT/AXC 14.32 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 2300 ON I-DEC LOCALIZER NE COURSE (060) TO UNITI/I-DEC 10.37 DME AND HOLD. (DME REQUIRED)

PROFILE:

- PT L SIDE OF COURSE 240.13 OUTBOUND 2200 FT WITHIN 10 MILES OF ELWIN LOM/I-DEC 5.84 DME (IAF)
-
- FAC: 060.13 FAF: ELWIN LOM/I-DEC 5.84 DME DIST FAF TO MAP: 4.27 DIST FAF TO THLD: 4.27
- MIN ALT: ELWIN LOM/I-DEC 5.84 DME 2200
- DIST TO THLD FROM OM: 4.27 MM: IM: 150 HAT: GS ANT: 1049
- MIN GS INCPT: 2200 GS ALT AT FAF: GP INTCP OM: 2091 MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 57.3
- MSA FROM: ELWIN LOM 080-260 2300, 260-080 3100



NOTES:

CHART NOTE: ** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA (NA WHEN USING LINCOLN ALTIMETER SETTING).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON SPI VORTAC AIRWAY RADIALS 062 CW 153.
CHART PROFILE NOTE: USE I-DEC DME WHEN ON THE LOCALIZER COURSE.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE S-ILS 06 DA TO 957 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 06 VISIBILITY CAT C/D TO RVR 6000 AND CIRCLING VISIBILITY CAT C/D 1/4 SM.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 6 CAT C/D VISIBILITY TO 1 3/8 SM.
CHART NOTE: FOR INOPERATIVE ALS WHEN USING LINCOLN ALTIMETER., INCREASE S-ILS ALL CAT VISIBILITY TO RVR 4500.
CHART NOTE: VDP NA WHEN USING LINCOLN ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 168.00 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE UNITI/I-DEC 10.37 DME, RT, 240.14 INBOUND.
FAS OBST: 889 AAO 394754N/0885648W.
926 AAO 394736N/0885730W.
CHART VDP AT 2.75 DME.
DISTANCE VDP TO THLD 1.19 NM.
CHART IN PLANVIEW: UNITI/I-DEC 10.37 DME.
CHART 2300 PRIOR TO ELWIN LOM IN PROFILE.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN CONTROL TOWER CLOSED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES., NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES., 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 06**	877	2400	200	877	2400	200	877	2400	200	877	2400	200				
S-LOC 06	1140	2400	463	1140	2400	463	1140	5000	463	1140	5000	463				
CIRCLING	1140	1	458	1240	1	558	1360	2	678	1360	2 1/4	678				

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED FEEDER SEGMENT VLA VOR/DME TO PANAE INT/VLA 23.61 DME AND IAF SEGMENT PANAE INT/VLA 23.61 DME TO FOSTT INT/I-DEC 14.04 DME. – VLA VOR MON
2. TERMINAL ROUTES: ADDED IAF SEGMENT SPI VORTAC TO FOSTT INT/I-DEC 14.04 DME. – VLA VOR MON AND TO KEEP THE PROCEDURE IN THE ENROUTE STRUCTURE.
3. TERMINAL ROUTES: CHANGED IF SEGMENT FOSTT INT/I-DEC 14.04 DME TO ELWIN LOM/I-DEC 5.84 DME COURSE FROM "060.12" TO "060.13". - PREVIOUSLY DOCUMENTED INCORRECTLY.
4. PROFILE LINE 1: SIDE OF COURSE CHANGED FROM "240.12" TO "240.13" - PREVIOUSLY DOCUMENTED INCORRECTLY.
5. PROFILE LINE 1: MILES OF CHANGED FROM "ELWIN LOM (IAF)" TO "ELWIN LOM/I-DEC 5.84 DME (IAF)" – IAW 8260.191 (UPDATED FORMAT)
6. PROFILE LINE 3: FAC CHANGED FROM "060.12" TO "060.13" – PREVIOUSLY DOCUMENTED INCORRECTLY.
7. NOTES: REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VLA VOR/DME ON V67 SOUTHEASTBOUND. – VLA VOR MON.
8. NOTES: REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PANAE ON V191 SOUTHWESTBOUND. – VLA VOR MON.
9. NOTES: CHANGED FROM "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE ALL DA/MDA 80 FT; INCREASE S-LOC 6 CAT C/D VISIBILITY TO RVR 6000 AND CIRCLING CAT C/D 1/4 SM." TO "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LINCOLN ALTIMETER SETTING AND INCREASE S-ILS 06 DA TO 957 FEET; INCREASE ALL MDAS 80 FEET AND S-LOC 06 VISIBILITY CAT C/D TO RVR 6000 AND CIRCLING VISIBILITY CAT C/D 1/4 SM." – 8260.3E 3-3-2
10. ADDITIONAL FLIGHT DATA: REMOVED CHART IN PLANVIEW ONLY: VLA 37.63 DME AT FOSTT. – VLA VOR MON.
11. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 920 AAO 394735N/0885733W, 875 AAO 394722N/0885615W." TO "FAS OBST: 889 AAO 394754.00N/0885648.00W." – NEW CONTROLLING OBST.
12. ADDITIONAL FLIGHT DATA: ADDED 926 AAO 394736N/0885730W. – 7.1 OBSTACLE ADDED.
13. NOTES: ADDED "PROCEDURE NA FOR ARRIVALS AT SPI VOR/DME ON V173 SOUTHWEST BOUND , V273 SOUTHWEST BOUND, V67 NORTHWEST BOUND, V69 NORTHEAST BOUND, AND J35 SOUTHWESTBOUND." - NEW INITIAL SEGMENT.
14. PROFILE LINE 6: CHANGED OM: FROM "2200" TO "2091" - NEW CONTROLLING OBST.



AIRPORT ID
DEC

PROCEDURE NAME
ILS OR LOC RWY 6

ORIGINAL/AMENDMENT
15

CITY
DECATUR

STATE
IL

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZAU, CMI APP CON, DEC ATCT, AMGR

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by

ERIC N SUSKI

Nov 09, 2023

OFFICE

AJV-A431

DATE

10/30/2023

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

Digitally signed by

ERIC N SUSKI

Nov 09, 2023

OFFICE

AJV-A431

DATE

TITLE

MANAGER

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Nov 09, 2023

