

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
LOC BC STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.25

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> DECATUR	<u>AIRPORT ID</u> KDEC	<u>PROCEDURE NAME</u> LOC BC RWY 24	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> DECATUR	<u>STATE</u> IL
<u>AIRPORT ELEVATION</u> 682	<u>TDZE</u> 682	<u>SUPERSEDED</u> LOC BC RWY 24	<u>ORIGINAL/AMENDMENT</u> 10D	<u>DATED</u> 06/27/2013	<u>MAG VAR</u> 1W
<u>FACILITY</u> I-DEC	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

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>
CMI VORTAC	IAF	UNITI/I-DEC 10.37 DME					247.11	18.48	2300
UNITI/I-DEC 10.37 DME	IF	AKLEY/I-DEC 4.31 DME					240.14	6.06	2200

MISSED APPROACH

MAP:

LOC: SADGY/I-DEC 0.50 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 ON HEADING 050 AND AXC VORTAC R-348 TO MAROA INT/AXC 14.32 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT UNITI
3. **FAC:** 240.14 **FAF:** AKLEY/I-DEC 4.31 DME **DIST FAF TO MAP:** 3.82 **DIST FAF TO THLD:** 4.48
4. **MIN ALT:** UNITI/I-DEC 10.37 DME 2300, AKLEY/I-DEC 4.31 DME 2200, ZINOB/I-DEC 2.24 DME 1500
8. **MSA FROM:** AXC VORTAC 080-260 2400, 260-080 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED

NOTES:

CHART PROFILE NOTE: DISREGARD GS INDICATIONS.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE LINCOLN ALTIMETER SETTING AND INCREASE ALL MDA 80 FT, INCREASE S-LOC 24 CAT C/D VISIBILITY 1/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CMI VORTAC AIRWAY RADIALS 234 CW 297.

ADDITIONAL FLIGHT DATA:



ACKLEY TO RWY24: 3.08/52.4
CHART IN PROFILE VIEW: I-DEC DME ANTENNA
CHART IN PLANVIEW: FAN MARKER AT AKLEY/I-DEC 4.31 DME
CHART CIRCLING ICON.
CHART FAS OBST: 764 TREE 395101N/0884917W.
HOLD N, RT, 168.00 INBOUND

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

ALTERNATE: NA ☐ LOC: STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED, NA WHEN LOCAL WEATHER NOT AVAILABLE, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICES.

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-LOC 24	1020	1	338	1020	1	338	1020	1	338	1020	1	338			
CIRCLING	1140	1	458	1240	1	558	1360	2	678	1360	2 1/4	678			

CHANGES - REASONS

1. LOWERED S-24 MDA FROM 1060/HAT 378 TO 1020/HAT 338 AND CAT D VIS FROM 1 1/4 TO 1 MILE - NEW CONTROLLING OBST 764 TREE (17-036561).
2. CHANGED CHART FAS OBST 838 TOWER 394823N/0885532W TO CHART FAS OBST 764 TREE 395101.06N/0884917.41W - NEW IAPA EVALUATION
3. UPDATED INTERMEDIATE CNTL OBST FROM 883 TANK TO 990 TOWER - NEW IAPA EVALUATION
4. REMOVED NOTE CIRCLING RWY 12 NA AT NIGHT - NO 20:1 PENETRATIONS.
5. LOWERED CIRCLING CAT A MDA FROM 1200/HAA 518 TO 1140/HAA 463 - NEW CNTL OBST 822 TWR.
6. RAISED CIRCLING CAT B MDA FROM 1200/HAA 518 TO 1240/HAA 558 - NEW CNTL OBST 939 CRANE.
7. RAISED CIRCLING CAT C MDA FROM 1240/HAA 558 VIS 1 1/2 TO 1360/HAA 678 VIS 2 - NEW CNTL OBST 1008 STACK.
8. RAISED CIRCLING CAT D MDA FROM 1320/HAA 638 VIS 2 TO 1360/HAA 678 VIS 2 2/14 - NEW CNTL OBST 1008 STACK.
9. ADDED CHART NOTE: CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10
10. UPDATED CIRCLING RADII - IAW 8260.3C
11. CHANGED CHART NOTE FROM: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LOGAN COUNTY ALTIMETER SETTING AND INCREASE ALL MDAS 80 FEET. INCREASE CAT C/D VISIBILITY 1/4 MILE TO CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE LINCOLN ALTIMETER SETTING AND INCREASE ALL MDA 80 FT, INCREASE S-LOC 24 CAT C/D VISIBILITY 1/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM - NEW VISCHECK.
12. CHANGED INITIAL CNTL OBST FROM 1015 TWR TO 1017 TWR - UPDATED DATABASE
13. ADDED STEPDOWN FIX AT ZINOB - TO MAINTAIN PUBLISHED MDA BASED ON APPLICATION OF AAO IN FINAL.
14. CHANGED ALTERNATE MINIMUMS FROM STANDARD EXCEPT NA WHEN CONTROL TOWER CLOSED TO LOC: STANDARD - CAT D 800-2 1/4, NA WHEN CONTROL TOWER CLOSED EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE, NA WHEN LOCAL WEATHER NOT AVAILABLE - LOC MONITORED BY ATC PER FPT, CONTRACT WEATHER WHEN TOWER CLOSED.
15. ADDED NAMED FIX (SADGY) FOR MAP - IAW 8260.19H 2-10-5A
16. CHANGE FAC FROM 240.12M TO 240.14M - LOCALIZER BACK COURSE ALIGNMENT (240.142M)

COORDINATED WITH:

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

FLIGHT CHECKED BY*Digitally signed by*

SCOTT WIEBE

WARDELL HENNING

Oct 10, 2018

OFFICE

FICO

DATE

10/2/18

DEVELOPED BY*Digitally signed by*

LONNIE EVERHART (STEVEN SCHUTRUM)

WARDELL HENNING

Oct 10, 2018

OFFICE

AJV-5400

DATE

06/13/2018

APPROVED BY*Digitally signed by*

LONNIE EVERHART

WARDELL HENNING

Oct 10, 2018

OFFICE

AJV-5400

DATE**TITLE**

MANAGER

