

**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> WATERTOWN RGNL	<u>AIRPORT ID</u> KATY	<u>PROCEDURE NAME</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 11B	<u>CITY</u> WATERTOWN	<u>STATE</u> SD
<u>AIRPORT ELEVATION</u> 1749	<u>TDZE</u> 1745	<u>SUPERSEDED</u> ILS OR LOC RWY 35	<u>ORIGINAL/AMENDMENT</u> 11A	<u>DATED</u> 03/29/2018	<u>MAG VAR</u> 6E
<u>FACILITY</u> I-ATY	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 21 MAY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 1985

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 264/30 CW 084/30	NOPT	RIPVE/RADAR	IF/IAF	4000
2. 084/30 CW 264/30		RIPVE/RADAR	IF/IAF	4600

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RIPVE/I-ATY 13.59 DME/RADAR	IF/IAF	OXSAS/I-ATY 7.68 DME/RADAR					354.24	5.91 (I-ATY)	3800

MISSED APPROACH

MAP:

ILS: DA
LOC: I-ATY 1.39 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 330 AND ATY R-288 TO WICKA/ATY 15.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3600 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 275 AND ABR R-109 TO WICKA/ABR 43.30 DME AND HOLD.

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD S RIPVE, RT, 354.24 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 354.24 FAF: OXSAS/I-ATY 7.68 DME/RADAR DIST FAF TO MAP: DIST FAF TO THLD: 6.29
- MIN ALT: RIPVE/I-ATY 13.59 DME/RADAR 4000, OXSAS/I-ATY 7.68 DME/RADAR 3800, WORMU/I-ATY 2.93 DME 2300*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 984
- MIN GS INCPT: 3800 GS ALT AT FAF : OXSAS/I-ATY 7.68 DME/RADAR 3800 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 53.4
- MSA FROM:



EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.
DME REQUIRED.

NOTES:

CHART PROFILE NOTE: USE I-ATY DME WHEN ON THE LOCALIZER COURSE.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1829 POLE 445329N/0970910W
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W WICKA/ABR 43.30 DME, RT, 109.33 INBOUND.
CHART CIRCLING ICON.
CHART VDP AT 2.28 DME*
DISTANCE VDP TO THLD 0.89 NM
* LOC ONLY
HOLD W, RT, 108.21 INBOUND

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	A			B			C			D			E			
	<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>												
S-ILS 35	1945	1/2	200	1945	1/2	200	1945	1/2	200	1945	1/2	200				
S-LOC 35	2080	1/2	335	2080	1/2	335	2080	1/2	335	2080	1/2	335				
CIRCLING	2260	1	511	2260	1	511	2500	2 1/4	751	2500	2 1/2	751				

CHANGES - REASONS

1. AMENDED LOC MISSED APPROACH POINT FROM "6.29 NM AFTER OXSAS/I-ATY 7.68 DME/RADAR OR AT I-ATY 1.39 DME" TO "I-ATY 1.39 DME" - DME IS REQUIRED TO FLY PROCEDURE. TIME/DISTANCE TABLE NOT NECESSARY.
2. AMENDED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 330 AND ATY R-288 TO WICKA INT/ATY 15.00 DME AND HOLD" TO "CLIMB TO 2500 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 330 AND ATY R-288 TO WICKA/ATY 15.00 DME AND HOLD" - HURON VOR DECOMMISSIONING.
3. ADDED "MAX 6000" TO PROFILE, LINE 2 - 8260.19H, 8-6-7, B(2).
4. AMENDED ADDITIONAL FLIGHT DATA FROM "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W WICKA INT/ABR 43.30 DME, RT, 109.33 INBOUND" TO "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W WICKA/ABR 43.30 DME, RT, 109.33 INBOUND" - HURON VOR DECOMMISSIONING.
5. AMENDED AND RELOCATED "CHART PLANVIEW NOTE: RNAV 1-GPS OR RADAR REQUIRED" FROM ADDITIONAL FLIGHT DATA TO: "RNAV 1-GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY" TO EQUIPMENT REQUIREMENTS NOTES - 8260.19H, 8-6-8, A(1)(E).
6. ADDED "DME REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES - DME NOW REQUIRED FOR BOTH PRIMARY AND ALTERNATE MISSED APPROACHES.
7. AMENDED ALTERNATE MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3600 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 275 AND ABR R-109 TO WICKA/ABR 43.30 DME AND HOLD (DME REQUIRED)." TO "CLIMB TO 3600 THEN CLIMBING LEFT TURN TO 4500 ON HEADING 275 AND ABR R-109 TO WICKA/ABR 43.30 DME AND HOLD" - DME NOW REQUIRED FOR BOTH PRIMARY AND ALTERNATE MISSED APPROACHES.
8. REMOVED WICKA INTERSECTION FIX MAKE-UP - HURON VOR DECOMMISSIONING.
9. DELETED DIST FAF TO MAP ON LINE 3 - DME IS REQUIRED TO FLY PROCEDURE. TIME/DISTANCE TABLE NOT NECESSARY.
10. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE MINIMUMS - MANAGEMENT DIRECTED.
11. REMOVED NON-DME LINES OF MINIMA - PER FPT CHECKLIST (DME REQUIRED).

THIS CANCELS FDC NOTAM 9/9575



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZMP, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

DEVELOPED BY

ALLAN WILL (MICHAEL CLAYTON)

APPROVED BY

MARLON ROBINSON

OFFICE

OFFICE
AJV-A423

OFFICE
AJV-A420

DATE

DATE
12/30/2019

DATE

Digitally signed by
ALLAN WILL
Mar 24, 2020

Digitally signed by
ALLAN WILL
Mar 24, 2020

Digitally signed by
ALLAN WILL
Mar 24, 2020

TITLE
MANAGER

