

**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> SAWYER COUNTY	<u>AIRPORT ID</u> KHYR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HAYWARD	<u>STATE</u> WI	
<u>AIRPORT ELEVATION</u> 1216	<u>TDZE</u> 1216	<u>SUPERSEDED</u> ILS OR LOC RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 10/11/2018	<u>MAG VAR</u> 0E	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-HTY	<u>COORDINATES OF FACILITIES</u> 460105.83N / 0912657.33W	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RZN DME		OBBEY/I-HTY 6.37 DME		TF	FO	1.00	066.54	45.02	3300
GRASS/DLH VORTAC 52.50 DME	IAF	DAIVE/I-HTY 12.29 DME	NOPT				250.02 & 204.77	5.94 & 7.58 (I-HTY)	3300
DAIVE/I-HTY 12.29 DME	IF	OBBEY/I-HTY 6.37 DME					204.77	5.92 (I-HTY)	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-HTY LOC/DME 0.90 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2200 THEN CLIMBING RIGHT TURN TO 3300 ON HEADING 060 AND I-HTY NORTHEAST COURSE TO OBBEY/I-HTY 6.37 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE OBBEY, RT, 204.77 INBOUND, 3300 FT. IN LIEU OF PT (IAF), MAX 5700.
- FAC: 204.77 FAF: OBBEY/I-HTY 6.37 DME DIST FAF TO MAP: DIST FAF TO THLD: 5.47
- MIN ALT: OBBEY/I-HTY 6.37 DME 3000, POVY/I-HTY 3.30 DME 2020*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 811
- MIN GS INCPT: 3000 GS ALT AT FAF : OBBEY/I-HTY 6.37 DME 3000 OM: MM: IM:
- GP ANGLE: 3.00 34:1: 20:1: TCH: 41.5
- MSA FROM: KHYR 3100

EQUIPMENT REQUIREMENTS NOTES:

FROM RZN DME: RNAV 1-GPS REQUIRED.
DME REQUIRED.



NOTES:

CHART NOTE: CIRCLING NA TO RWYS 16 AND 34.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GRASS ON V217 SOUTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 21 ALL CATS VISIBILITY TO 7/8 SM, INCREASE LOC CAT A/B VISIBILITY TO 1 SM, CAT C/D TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.96 DME*
DISTANCE VDP TO THLD 1.06 NM
* LOC ONLY
CHART FAS OBST: 1332 TREE 460317N/0912552W.

MINIMUMS:

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

ALTERNATE: NA ☒

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 21	1518	3/4	302	1518	3/4	302	1518	3/4	302	1518	3/4	302			
S-LOC 21	1600	3/4	384	1600	3/4	384	1600	3/4	384	1600	3/4	384			
CIRCLING	1860	1	644	2060	1 1/4	844	2120	2 3/4	904	2120	3	904			

CHANGES - REASONS

1. FEEDER RZN VOR/DME TO OBBEY CHANGED TO RZN DME TO OBEY, COURSE UPDATED FROM 64.54 TO 66.54 - RZN VOR/DME DECOMMING TO DME ONLY.
2. ADDED EQUIPMENT NOTE "FROM RZN DME: RNAV 1-GPS REQUIRED" - SEGMENT REQUIRES GPS PER RZN VOR DECOM.
3. REMOVED RZN 45 DME INFO FROM FIX DESCRIPTION FOR FAF OBBEY - PER CHECKLIST/RZN FACILITY CHANGES.
4. MSA RELOCATED TO CENTERPOINT KHYR ARP - HYR VOR/DME DECOMMING TO DME ONLY.

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

OFFICE

DATE

Digitally signed by
ALLAN WILL
Dec 11, 2019

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by
PHILLIP BRANDENBURG
Dec 03, 2019

OFFICE

AJV-A423

DATE

07/11/2019

APPROVED BY

MARLON ROBINSON

OFFICE

DATE

Digitally signed by
ALLAN WILL
Dec 11, 2019

TITLE
MANAGER

