

**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> HYR	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<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SUPERSEDED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-B	<u>DATED</u> 03/26/2020
<u>FACILITY</u> I-HTY	<u>COORDINATES OF FACILITIES</u> 460105.83N/0912657.33W	<u>ACTUAL EFFECTIVE DATE</u> 19 MARCH 2026	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 0E
				<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>
RZN DME		OBBEY/I-HTY 6.37 DME		TF	FO	1.00	066.54	45.02	3300
GRASS/DLH 52.50 DME	IAF	DAIVE/I-HTY 12.29 DME	NOPT				250.02 (HDG) & 204.78 (I-HTY)	5.94 & 7.58	3300
DAIVE/I-HTY 12.29 DME	IF	OBBEY/I-HTY 6.37 DME					204.78 (I-HTY)	5.92	3000

MISSED APPROACH

MAP:

ILS: DA
LOC: I-HTY 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, CONTINUE CLIMB-IN-HOLD TO 3300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
- FAC: 204.78 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, POVYI/I-HTY 3.30 DME 2020
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 810
- MIN GS INCPT: 3000 GS ALT AT PFAF: OBBEY/I-HTY 6.37 DME 3000 OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 41.5
- MSA FROM: KHYR 3100



PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM RZN DME.

EQUIPMENT REQUIREMENTS NOTES:

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 S-LOC 21 CATS A AND B VISIBILITY TO 1 SM, AND CATS C AND D VISIBILITY TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1338 TREE (55-042796) 460316N/0912552W.
CHART VDP AT 1.96 DME.
DISTANCE VDP TO THLD 1.06 NM.

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. TERMINAL ROUTES, GRASS TO DAIVE: DELETED "VORTAC" FROM GRASS FIX DESCRIPTION - NOT REQUIRED.
2. TERMINAL ROUTES, GRASS TO DAIVE: CHANGED I-HTY COURSE FROM 204.77 TO 204.78 - NEW I-HTY ILS AIRNAV DATA AND SURVEY.
3. TERMINAL ROUTES, DAIVE TO OBBEY: CHANGED I-HTY COURSE FROM 204.77 TO 204.78 - NEW I-HTY ILS AIRNAV DATA AND SURVEY.
4. MISSED APPROACH, MAP: DELETED "LOC/DME" FROM LOC MAP DESCRIPTION - NOT REQUIRED.
5. MISSED APPROACH INSTRUCTIONS: ADDED "CONTINUE CLIMB-IN-HOLD TO 3300" - AIRCRAFT ON MISSED APPROACH DO NOT REACH 3300 BY CLEARANCE LIMIT OBBEY.
6. PROFILE LINE 2: CHANGED INBOUND COURSE FROM 204.77 TO 204.78 - NEW I-HTY ILS AIRNAV DATA AND SURVEY.
7. PROFILE LINE 3: CHANGED FAC FROM 204.77 TO 204.78 - NEW I-HTY ILS AIRNAV DATA AND SURVEY.
8. PROFILE LINE 4: DELETED ASTERISK FROM "POVY/I-HTY 3.30 DME 2020" - NOT REQUIRED TO DESIGNATE LOC-ONLY.
9. PROFILE LINE 5, DIST TO THLD FROM GS ANT: CHANGED FROM 811 TO 810 - NEW I-HTY ILS AIRNAV DATA AND SURVEY.
10. EQUIPMENT REQUIREMENTS NOTES: REFORMATTED "FROM RZN DME: RNAV 1-GPS REQUIRED" TO "RNP APCH - GPS. FROM RZN DME" AND MOVED TO PBN REQUIREMENTS NOTE - 8260.19K PARA 8-6-8 AND MEMO LINK TO IMPLEMENTATION MEMO, ATTACHMENT 4, TABLE FOR ILS PROCEDURES WITH PBN LEGS.
11. NOTES: REFORMATTED INOPERATIVE ALS NOTE FROM "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" TO "FOR INOPERATIVE ALS, INCREASE S-ILS 21 ALL CATS VISIBILITY TO 7/8 SM; INCREASE S-LOC 21 CATS A AND B VISIBILITY TO 1 SM, AND CATS C AND D VISIBILITY TO 1 1/8 SM" - UPDATE TO LATEST FORMAT, 8260.19K PARA 8-6-12.O(3)(D) AND (E).
12. ADDITIONAL FLIGHT DATA: DELETED "CHART CIRCLING ICON" - NO LONGER REQUIRED.
13. ADDITIONAL FLIGHT DATA: CHANGED CHART FAS OBST FROM "1332 TREE 460317N/0912552W" TO "1338 TREE (55-042796) 460316N/0912552W" - NEW LOC FINAL CONTROLLING OBSTACLE.
14. ADDITIONAL FLIGHT DATA: DELETED ASTERISK FROM "CHART VDP AT 1.96 DME" - NO LONGER REQUIRED.
15. ADDITIONAL FLIGHT DATA: DELETED "**LOC ONLY" - NO LONGER REQUIRED.

COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

☐

NBAA

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OTHER: ZMP, AMGR

FLIGHT CHECKED BY
ERIC WAYNE PENNEY

Digitally signed by

RAKE MCGRAW

Feb 05, 2026

OFFICE
FIOG

DATE
01/29/2026

DEVELOPED BY
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RAKE MCGRAW

Feb 05, 2026

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12/22/2025

APPROVED BY
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Feb 05, 2026

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DATE

TITLE
MANAGER

