

**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> KRHI	<u>PROCEDURE NAME</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 8E	<u>CITY</u> RHINELANDER	<u>STATE</u> WI		
<u>AIRPORT ELEVATION</u> 1623	<u>TDZE</u> 1623	<u>SUPERSEDED</u> ILS OR LOC RWY 9	<u>ORIGINAL/AMENDMENT</u> 8D	<u>DATED</u> 10/07/2021	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-RHI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
RHI VOR/DME		ARSHA OM/RHI VOR/DME 6.79 DME	FAF/IAF				265.18	6.79 (RHI)	3500

MISSED APPROACH

MAP:

ILS: DA

LOC: 5.57 NM AFTER ARSHA OM/RHI VOR/DME 6.79 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 THEN CLIMBING RIGHT TURN TO 3500 DIRECT ARSHA OM/I-RHI VOR/DME 6.79 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 3000 THEN CLIMBING LEFT TURN TO 3500 DIRECT RHI VOR/DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500

PROFILE:

1. PT L SIDE OF COURSE 271.27 OUTBOUND 3500 FT WITHIN 10 MILES OF ARSHA OM/RHI VOR/DME 6.79 DME (IAF)
- 2.
3. FAC: 091.27 FAF: ARSHA OM/RHI VOR/DME 6.79 DME DIST FAF TO MAP: 5.57 DIST FAF TO THLD: 5.57
4. MIN ALT: ARSHA OM/RHI VOR/DME 6.79 DME 3500, ZINGI/RHI VOR/DME 3.12 DME 2180*
5. DIST TO THLD FROM FAF: 5.57 MM: IM: 150 HAT: GS ANT: 1077
6. MIN GS INCPT: 3500 GS ALT AT PFAF: GP INTCP 3500 OM: 3481 MM: IM:
7. GP ANGLE: 3.00 34:1 20:1 TCH: 51.9
8. MSA FROM: RH NDB 360-180 4400, 180-360 3300

EQUIPMENT REQUIREMENTS NOTES:

ADF OR DME REQUIRED.



NOTES:

*2240 WHEN USING TOMAHAWK ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 091.27 INBOUND.

CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD W RHI VOR/DME, RT, 080.57 INBOUND.

CHART FAS OBST: 1771 TREE (55-107325) 453753N/0893059W.

CHART IN PLANVIEW: RHI VOR/DME.

CHART CIRCLING ICON.

**DME FROM RHI VOR/DME.

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 09	1823	1/2	200	1823	1/2	200	1823	1/2	200	1823	1/2	200			
S-LOC 09	2180	1/2	557	2180	1/2	557	2180	1 1/8	557	2180	1 1/8	557			
CIRCLING	2180	1	557	2260	1	637	2260	1 3/4	637	2280	2	657			
ZINGI FIX MINIMUMS **															
S-LOC 09	2040	1/2	417	2040	1/2	417	2040	3/4	417	2040	3/4	417			
CIRCLING	2100	1	477	2260	1	637	2260	1 3/4	637	2280	2	657			

CHANGES - REASONS

INCORPORATED CHANGES FROM P-NOTAM 1/1661 AND FDC NOTAM 2/1914 ONTO THE FORMS - NEW CIRCLING CRITERIA, NOTE CHANGES, AND ZINGI FIX MINIMUMS ** S-LOC 9 INCREASES

AMENDED AIRPORT ELEVATION AND TDZE FROM "1624" TO "1623" - UPDATED AIRNAV SURVEY DATA DATED 12/27/2021

AMENDED ALL FIX DESCRIPTIONS OF ARSHA LOM FROM "ARSHA LOM/RHI 6.79 DME" TO "ARSHA OM/RHI VOR/DME 6.79 DME" AND ZINGI FROM "ZINGI/RHI 3.12 DME" TO "ZINGI/RHI VOR/DME 3.12 DME" - 8260.19I 8-2-6 C(1)

AMENDED PROFILE LINE 5 FROM "GS ANT: 1075" TO "GS ANT: 1077" - UPDATED AIRNAV DATA

AMENDED PROFILE LINE 6 TO ADD "GS ALT AT PFAF: GP INTCP 3500" - 8260.19I 8-6-7 F(4)

AMENDED PROFILE LINE 8 FROM "RH OM 360-180 4400, 180-360 330" TO "RH NDB 360-180 4400, 180-360 3300" - 8260.19I 8-6-7 H(1)

MOVED "ADF OR DME REQUIRED" FROM ADDITIONAL FLIGHT DATA TO EQUIPMENT REQUIREMENTS NOTE - 8260.19I 8-6-8 A

DELETED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE TOMAHAWK ALTIMETER SETTING AND INCREASE DA 59 FEET AND MDA 60 FEET, INCREASE S-LOC 9 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE, AND INCREASE ZINGI FIX MINIMUMS S-LOC 9 AND CIRCLING CATS C AND D VISIBILITY 1/4 MILE" FROM NOTES - RELOCATED TO FORM 8260-9 FOR CONTINGENCY PURPOSES

AMENDED ADDITIONAL FLIGHT DATA FROM "CHART FAS OBST: 1675 TREE 453739N/0892941W" TO "CHART FAS OBST: 1771 TREE (55-107325) 453753N/0893059W" - NEW FINAL CONTROLLING OBSTACLE

AMENDED S-ILS 9 DA FROM "1824" TO "1823" - UPDATED AIRNAV DATA FOR TDZE FROM '1624' TO '1623' (TDZE 1623+200 HAT = 1823)

AMENDED S-LOC 9 HAT FROM "556" TO "557" - 8260.3E 3-2-1 C

AMENDED S-LOC 9 CAT C VISIBILITY FROM "1" AND CAT D VISIBILITY FROM "1 1/4" BOTH TO "1 1/8" - 8260.3E TABLE 3-3-1

AMENDED CIRCLING CAT A HAA FROM "556" TO "557", CAT B/C HAA FROM "636" TO "637", AND CAT D HAA FROM "656" TO "657" - 8260.3E 3-2-1 D

AMENDED ZINGI FIX MINIMUMS ** S-LOC 9 CAT C VISIBILITY FROM "1/2" TO "3/4" - 8260.3E TABLE 3-3-1

AMENDED ZINGI FIX MINIMUMS** CIRCLING CAT A HAA FROM "476" TO "477", CAT B/C HAA FROM "636" TO "637", AND CAT D HAA FROM "656" TO "657" - 8260.3E 3-2-1 D



AIRPORT ID
KRHI

PROCEDURE NAME
ILS OR LOC RWY 9

ORIGINAL/AMENDMENT
8E

CITY
RHINELANDER

STATE
WI

COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, AMGR

FLIGHT CHECKED BY
SCOTT WIEBE

OFFICE

FPO

DATE

07/01/2022

DEVELOPED BY
KELLY CARLSON

Digitally signed by
MARK D ADAMS

Digitally signed by
MARK D ADAMS
Jun 14, 2022

OFFICE
AJV-A412

DATE
02/23/2022

APPROVED BY
MARK ADAMS

Digitally signed by
MARK D ADAMS
Jun 14, 2022

OFFICE
AJV-A412

DATE

TITLE
MANAGER

