

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
PANIC INT	FFM VOR/DME	153.01 / 11.65	3000	ILS: DA LOC: 5.10 MILES AFTER HAMRE LOM/FERGUS FALLS 5.87 DME OR AT FFM 0.78 DME FIX CLIMB TO 3000 THEN RIGHT TURN DIRECT HAMRE LOM/FFM 5.87 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, LT, 308.22 INBOUND. CHART FAS OBST: 1251 TREE 461609N/0960801W
FFM VOR/DME	HAMRE LOM/FFM 5.87 DME	130.28 / 5.87	3000	
AXN VOR/DME (IAF)	ONVUE INT/AXN 28.26 DME (NOPT)	281.00 / 28.26	3100	
ONVUE INT/AXN 28.26 DME (IF)	HAMRE LOM/FFM 5.87 DME	308.22 / 10.35 (I-FFM)	2900	

1. PT R SIDE OF COURSE 128.22 OUTBOUND 3000 FT WITHIN 10 MILES OF HAMRE LOM (IAF)
2. _____
3. FAC: 308.22 FAF: HAMRE LOM/FFM 5.87 DME DIST FAF TO MAP: 5.10 THLD: 5.10
4. MIN. ALT: HAMRE LOM 2900
5. DIST TO THLD FROM OM: 5.10 MM: 0.41 IM: - 150 HAT: - 100 HAT: - GS ANT: 989
6. MIN GS INCPT: 2900 GS ALT AT: GS INTCP OM: 2877 MM: 1359 IM: -
7. GS ANGLE: 3.00 TCH: 52.2
8. MSA FROM: FF LOM 065-335 3000, 335-065 3600

MAG VAR: 5E EPOCH YEAR: 1995

MINIMUMS															
TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A			ILS: STANDARD #			LOC: STANDARD @		
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 31	1382	1/2	200	1382	1/2	200	1382	1/2	200	1382	1/2	200			
S-LOC 31	1520	1/2	338	1520	1/2	338	1520	1/2	338	1520	3/4	338			
CIRCLING	1640	1	457	1740	1	557	1740	1 1/2	557	1880	2 1/4	697			

NOTES:
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AXN VOR/DME VIA V171-510 SOUTHEAST BOUND.
 CHART PLANVIEW NOTE: ADF OR DME REQUIRED.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WHEATON ALTIMETER SETTING AND INCREASE
 SEE 8260-10

CAT D 700-2 1/4
 @ CAT D 800-2 1/4
 # @ NA WHEN LOCAL WEATHER NOT AVAILABLE



CITY AND STATE FERGUS FALLS, MN	ELEVATION: 1183 TDZE: 1182 AIRPORT NAME: FERGUS FALLS MUNI-EINAR MICKELSON FLD	FACILITY IDENTIFIER: I-FFM	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 31, AMDT 2 27 AUG 2009	SUP: ILS RWY 31 AMDT: 1 DATED 04/17/2004
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**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - FAR PART 97.29**

Bearings, headings, courses, 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 in feet RVR.

NOTES CONT.

ALL DA 102 FEET AND ALL MDA 120 FEET, INCREASE S-LOC 31 AND CIRCLING CAT C AND D VISIBILITY 1/2 MILE.

CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-LOC 31 CAT D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING WHEATON ALTIMETER SETTING, INCREASE S-JLS 31 ALL CATS VISIBILITY 1/2 MILE.

CHART NOTE: GS UNUSABLE FOR COUPLED APPROACHES BELOW 1400.



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