

U.S. Department of Transportation  
Federal Aviation Administration

**ILS - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE**  
**TITLE 14 CFR 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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
FAR VORTAC	KENIE LOM/FAR 15.44 DME	356.52/15.44	2500	ILS: AT THE DH. LOC: 4.59 MILES AFTER
GFK VOR/DME	KENIE LOM	156.00/58.73	2500	KENIE LOM OR AT FAR 10.87 DME FIX
				CLIMB TO 2500 DIRECT FAR VORTAC AND HOLD (TACAN AIRCRAFT CLIMB TO 3500 DIRECT FAR VORTAC, THEN VIA FAR R-180 TO KINNO/FAR 10.00 DME AND HOLD S, RT, 360.00 INBOUND) OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 2500 (CONTINUED IN NOTES)
				ADDITIONAL FLIGHT DATA: HOLD S, RT, 359.79 INBOUND. FAS OBST: 999 TREE 465747N/0964841W CHART: ASR CHART IN PLANVIEW: KINNO/FAR 10.00 DME

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD N KENIE LOM, RT, 176.47 INBOUND, 2500 FT. IN LIEU OF PT. (IAF)
- FAC: 176.47 FAF: KENIE LOM/FAR 15.44 DME DIST FAF TO MAP: 4.59 THLD: 4.59
- MIN. ALT: KENIE LOM 2500
- DIST TO THLD FROM OM: 4.59 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1000
- MIN GS INCPT: 2500 GS ALT AT: OM: 2432 MM: - IM: -
- GS ANGLE: 3.00 TCH: 51.4
- MSA FROM: AA LOM 360-180 2700, 180-270 3200, 270-360 4200

MAG VAR: 4E EPOCH YEAR: 2005

**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 18	1100	2400	200	1100	2400	200	1100	2400	200	1100	2400	200	1100	2400	200
S-LOC 18	1260	2400	360	1260	2400	360	1260	2400	360	1260	4000	360	1260	4000	360
CIRCLING	1380	1	478	1380	1	478	1380	1 1/2	478	1500	2	598	1560	2 1/4	658

NOTES: CHART NOTES: FOR INOPERATIVE MALSR, INCREASE S-ILS 18 CAT E VISIBILITY TO RVR 4000, AND S-LOC 18 CAT E VISIBILITY TO RVR 5000.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.  
CHART PLANVIEW NOTE: ADF OR DME REQUIRED.

# CAT E 700-2 1/4  
@ CAT E 800-2 1/4  
MISSED APPROACH (CONTINUED): VIA KENIE LOM BRG 130 TO KENIE LOM AND HOLD N, RT, 176.47 INBOUND.

CITY AND STATE	ELEVATION: 902 TDZE: 900	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FARGO, ND	AIRPORT NAME: HECTOR INTL	I-AAM	NOV 25 2004 ILS OR LOC RWY 18, ORIG	AMDT: NONE
				DATE