

**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.

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: AT THE DH. LOC: 4.27 MILES AFTER RATEL OM/MKT 4.41 OR AT DME FIX. DME CLIMB TO 2000, THEN CLIMBING RIGHT TURN TO 2700 DIRECT MKT VOR/DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, LT, 149 INBOUND FAS OBST: 1164 WTR TWR 440953 / 935257
MKT VOR/DME	RATEL OM/INT/MKT 4.41 DME	149.30/4.41	2700	
→ R-238 MKT VOR/DME CCW (IAF)	MKT R-151/12.00 (NoPT)	12.00 DME ARC (MKT LR-161)	2700	
→ R-110 MKT VOR/DME CW (IAF)	MKT R-151/12.00 (NoPT)	12.00 DME ARC (MKT LR-138)	2700	
MKT R-151/12.00	RATEL	330.68/7.59 (I-MKT)	2500	

1. PT R SIDE OF COURSE 150.52 OUTBOUND 2700 FT WITHIN 10 MILES OF RATEL (IAF)
- 2.
3. FAC. 330.52 FAF: RATEL DIST FAF TO MAP: 4.27 TJD: 4.27
4. MIN. ALT: RATEL 2500
5. DIST TO THLD FROM OM: 4.27 MM: .48 IM: 150 HAT: 100 HAT: GS ANT: 936
6. MIN GS INCP: 2500 GS ALT AT: OM: 2441 MM: 1218 IM: -
7. GS ANGLE: 3.00 TCH: 45
8. MSA FROM: MKT VOR/DME 3200

MAG VAR: 4E

EPOCH YEAR: 85

MINIMUMS

TAKEOFF:	X	STANDARD	SEE FAA FORM 8260-15 FOR THIS AIRPORT					ALTERNATE: N/A			ILS: STD			LOC: STD			
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	33		1220	1/2	200	1220	1/2	200	1220	1/2	200	1220	1/2	200			
S - LOC	33		1420	1/2	400	1420	1/2	400	1420	1/2	400	1420	3/4	400			
CIHCLING			1460	1	440	1480	1	460	1480	1 1/2	460	1580	2	560			

NOTES:

THIS IS A CORRECTED COPY OF A PROCEDURE PUBLISHED IN TL 98-03.

CITY AND STATE	ELEVATION: 1020 TDZE: 1020	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
MANKATO, MN	AIRPORT NAME: MANKATO MUNI	I-MKT	26 FEB 98 7298-04 ILS RWY 33, AMDT 1	AMDT: ORIGINAL
				DATED: 20 AUG 92