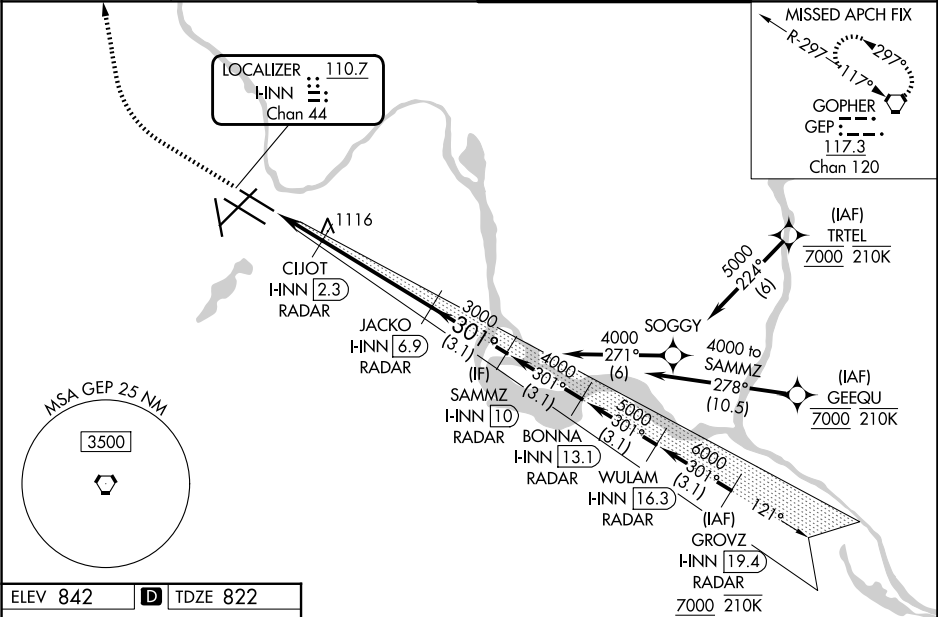


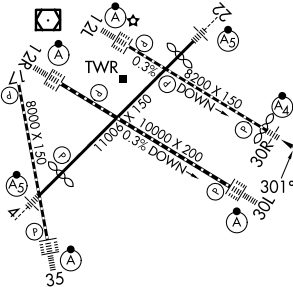
LOC/DME HNN	Rwy Ldg
110.7	8000
Chan 44	TDZE 822
	Apt Elev 842

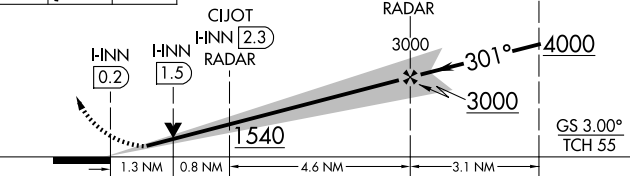
ILS or LOC RWY 30R
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

RNP APCH - GPS. From TRTEL or GEEQU.	MALSF
DME or RADAR required.	
 Inop table does not apply to S-ILS 30R all Cats. Simultaneous approaches authorized with Rwy 30L and ILS V RWY 35 (CONVERGING).	MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 direct GEP VORTAC and hold.

D-ATIS	MINNEAPOLIS APP CON	MINNEAPOLIS TOWER	GND CON
135.35 239.275	118.725 335.65 (35) 119.3 335.65 (4-22, 12L-30R, 17) 126.95 335.65 (12R-30L)	123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (4-22, 12R-30L)	121.8 348.6 (N) 121.9 348.6 (S) 127.925 348.6 (W)



ELEV 842	D	TDZE 822
		
HIRL all rwys REIL Rwy 17 TDZL/RCLS Rwys 12L, 12R, 30L, and 35		
FAF to MAP 6.7 NM		
Knots	60	90 120 150 180
Min:Sec	6:42	4:28 3:21 2:41 2:14

1300	3000	GEP	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).	SAMMZ HINN 10 RADAR
				
				
CATEGORY	A	B	C	D
S-ILS 30R	1072/40 250 (300-¾)			
S-LOC 30R	1320/40 498 (500-¾)		1320/60 498 (500-1½)	
CIRCLING	1360-1 518 (600-1)		1460-1¾ 618 (700-1¾)	1620-2½ 778 (800-2½)