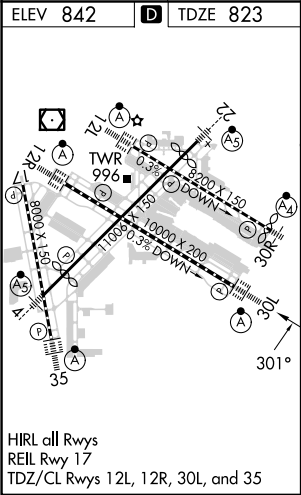
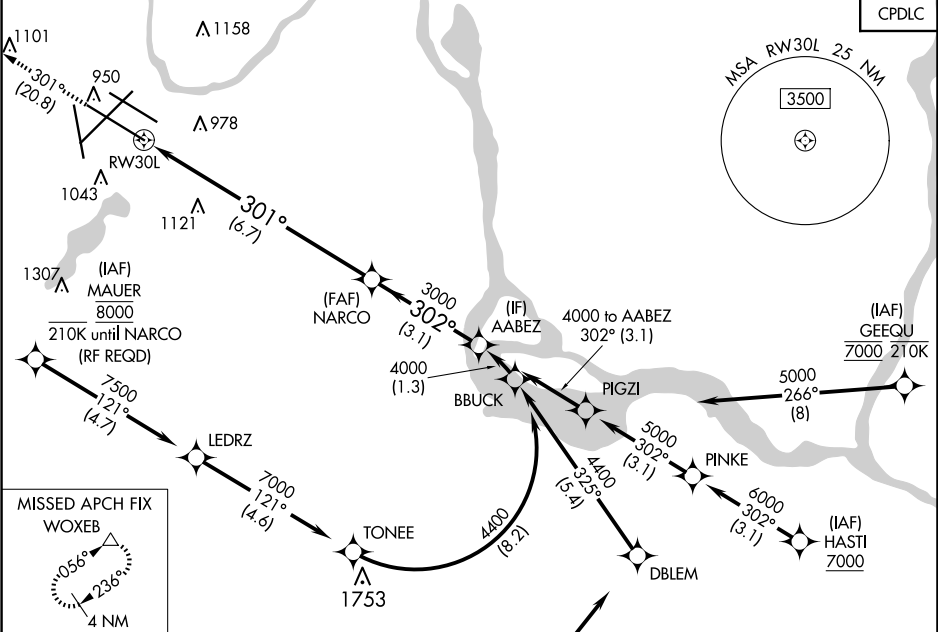


APP CRS	Rwy Idg	10000
301°	TDZE	823
	Apt Elev	842

RNAV (RNP) Y RWY 30L

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

▼ For uncompensated Baro-VNAV systems, procedure NA below -19°C (-2°F) or above 54°C (130°F). GPS required. Simultaneous approaches authorized with Rwy 30R and ILS V RWY 35 (CONVERGING).	ALSF-2		MISSED APPROACH: Climb to 3000 on track 301° to WOXB and hold.	
	ALS ALS ALS			
D-ATIS ARR 135.35 239.275 DEP 120.8	MINNEAPOLIS APP CON 118.725 335.65 (Rwy 35) 119.3 335.65 (12L-30R, 4-22, 17) 126.95 335.65 (12R-30L)	MINNEAPOLIS TOWER 123.675 273.55 (17-35) 123.95 273.55 (12L-30R) 126.7 273.55 (12R-30L, 4-22)	GND CON N 121.8 348.6 S 121.9 348.6 W 127.925 348.6	CLNC DEL 133.2
A 1158				CPDLC



3000 WOXEB △ tr 301°		VGSI and RNAV glidepath not coincident (VGSI Angle 3.00°/TCH 78).		
RW30L 301° 302° 3000 4000 GP 3.00° TCH 55		NARCO AABEZ 6.7 NM 3.1 NM		
CATEGORY	A	B	C	D
RNP 0.30 DA	1150/30 327 (400-%)			
AUTHORIZATION REQUIRED				