

WAAS CH 45525 W12B	APP CRS 121°	Rwy Idg TDZE Apt Elev	7620 841 842
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RNAV (GPS) Z RWY 12L

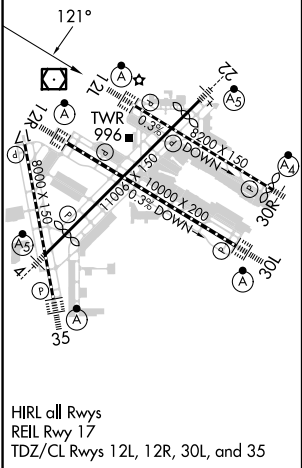
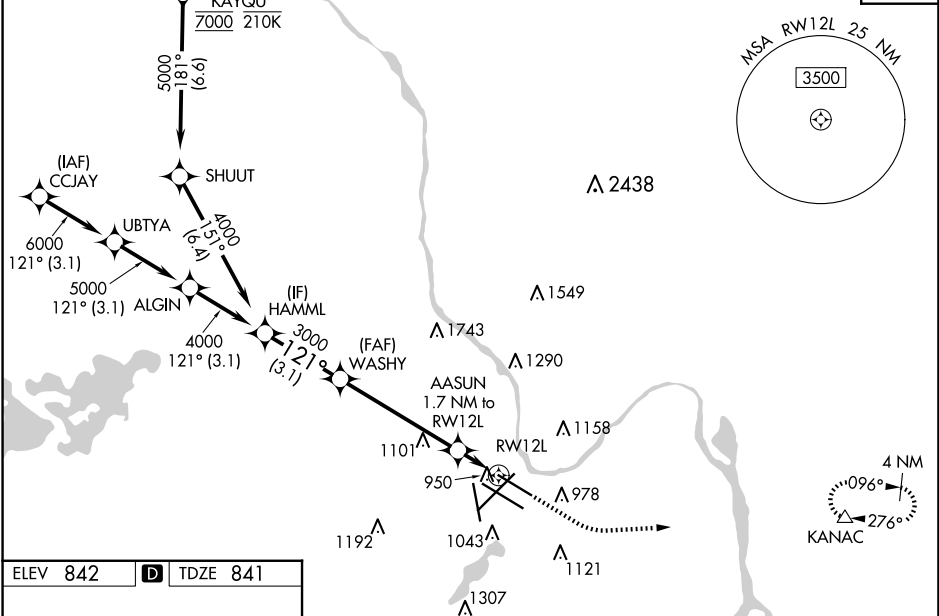
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Simultaneous approach authorized with Rwy 12R. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. DME/DME RNP-0.3 NA. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1 1/4 SM, LNAV Cats C/D/E visibility to RVR 6000.

ALS-F-2

MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 direct KANAC and hold.

D-ATIS	MINNEAPOLIS APP CON	MINNEAPOLIS TOWER	GND CON	CLNC DEL
ARR 135.35 239.275	118.725 335.65 (Rwy 35)	123.675 273.55 (17-35)	N 121.8 348.6	133.2
DEP 120.8	119.3 335.65 (12L-30R, 4-22, 17)	123.95 273.55 (12L-30R)	S 121.9 348.6	
	126.95 335.65 (12R-30L)	126.7 273.55 (12R-30L, 4-22)	W 127.925 348.6	
				CPDLC



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00°/TCH 79°).					
*LNAC only					
GP 3.00° TCH 52					
3.1 NM 4.9 NM 0.6 NM 1.1 NM					
CATEGORY	A	B	C	D	E
LPV DA	1041/18 200 (200-1/2)				
LNAV/VNAV DA	1211/40 370 (400-3/4)				
LNAV MDA	1260/24 419 (500-1/2)		1260/40 419 (500-3/4)		
CIRCLING	1360-1 518 (600-1)		1460-1 3/4 618 (700-1 3/4)	1660-2 3/4 818 (900-2 3/4)	1800-3 958 (1000-3)