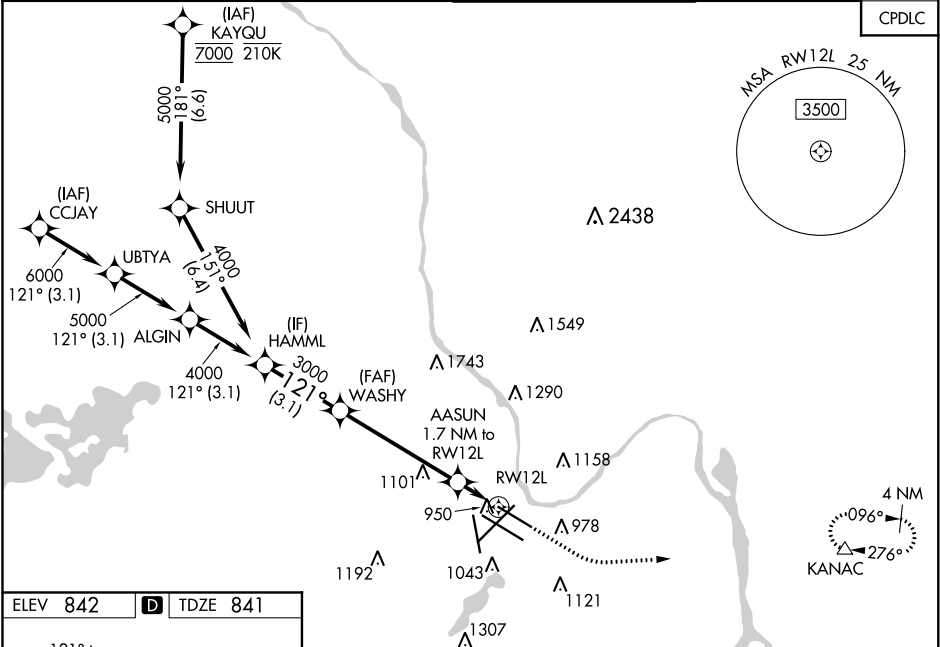


WAAS CH 45525 W12B	APP CRS 121°	Rwy Idg TDZE Apt Elev	7620 841 842
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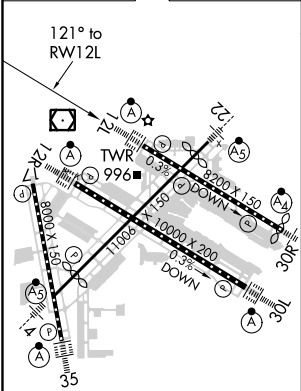
RNAV (GPS) Z RWY 12L
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

▼ 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 1/2 SM, LNAV Cats C/D/E visibility to RVR 6000.	ALSf-2 	MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 direct KANAC and hold.
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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
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ELEV 842	D	TDZE 841
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HIRL all Rwys
REIL Rwy 17
TDZ/CL Rwys 12L, 12R, 30L, and 35

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00°/TCH 79°).					
*LNAV only					
GP 3.00° TCH 52					
4000 121° 3000 3000 1420 0.6 NM 1.1 NM RWY 12L					
3.1 NM 4.9 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)