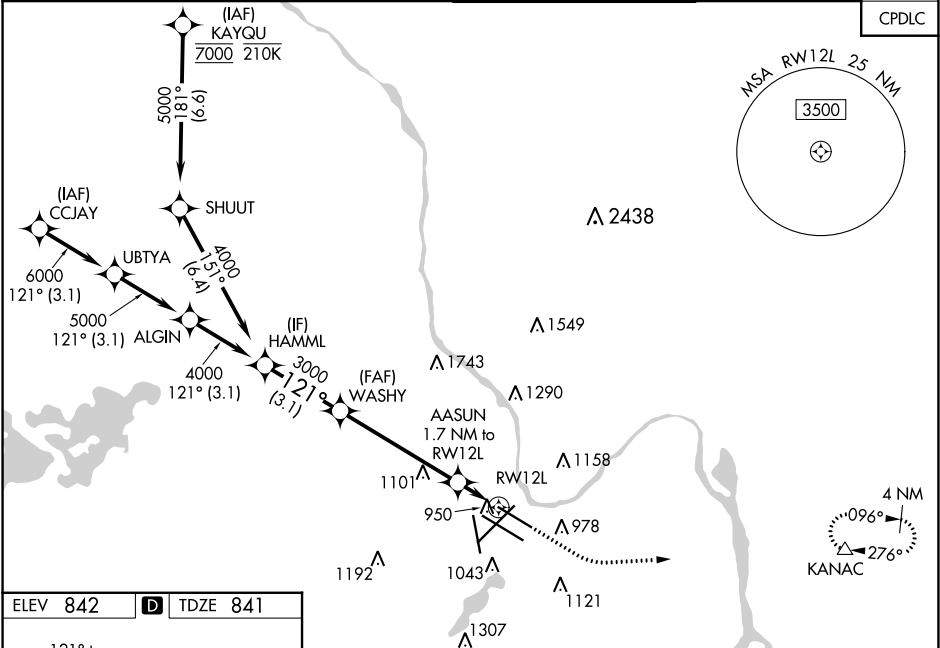


WAAS CH <b>45525</b> <b>W12B</b>	APP CRS <b>121°</b>	Rwy Idg TDZE Apt Elev	<b>7620</b> <b>841</b> <b>842</b>
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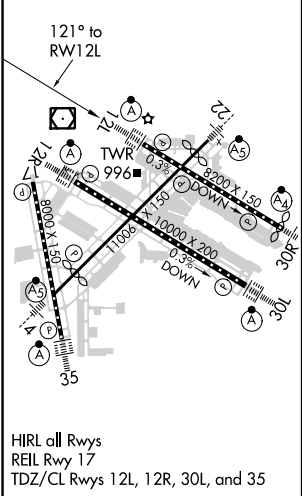
RNAV (GPS) Z RWY 12L  
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

⚠ 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-2 	MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 direct KANAC and hold.
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D-ATIS ARR <b>135.35 239.275</b> DEP <b>120.8</b>	MINNEAPOLIS APP CON <b>118.725 335.65</b> (Rwy 35) <b>119.3 335.65</b> (12L-30R, 4-22, 17) <b>126.95 335.65</b> (12R-30L)	MINNEAPOLIS TOWER <b>123.675 273.55</b> (17-35) <b>123.95 273.55</b> (12L-30R) <b>126.7 273.55</b> (12R-30L, 4-22)	GND CON <b>N 121.8 348.6</b> <b>S 121.9 348.6</b> <b>W 127.925 348.6</b>	CLNC DEL <b>133.2</b>
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ELEV 842	<b>D</b>	TDZE 841
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VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 79°).					<div><div>1300</div><div>3000</div><div>KANAC △</div></div>	

NC-1, 13 JUL 2023 to 10 AUG 2023

NC-1, 13 JUL 2023 to 10 AUG 2023