

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)

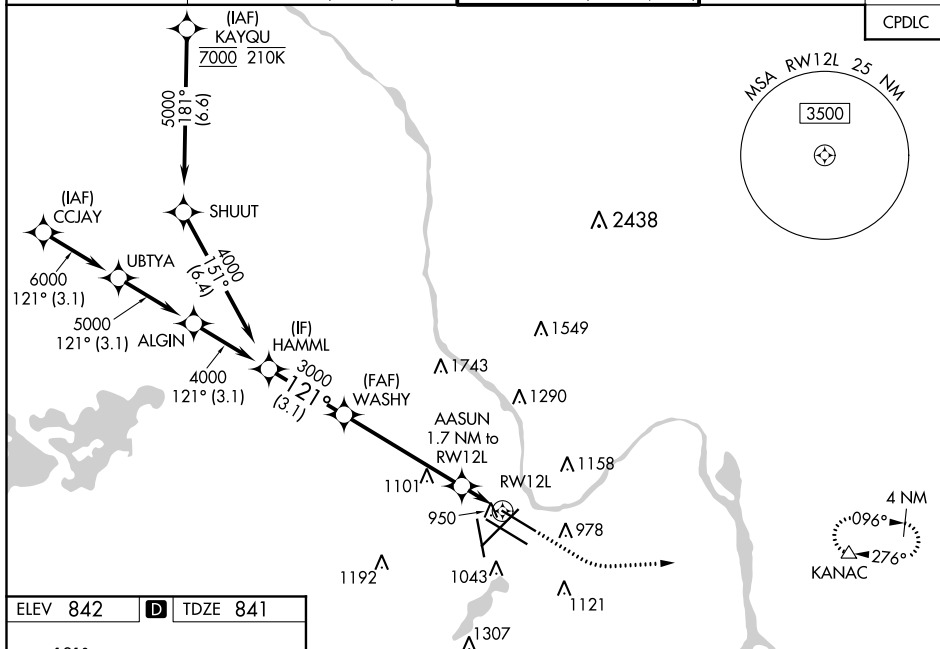
**T** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). Simultaneous approach authorized with Rwy 12R. Use of FD or AP providing RNAV track guidance required during simultaneous operations. LNAV procedure NA during simultaneous operations. DME/DME RNP-0.3 NA. For inop ALS, increase LPV Cat E visibility to RVR 4000, LNAV/VNAV Cat E visibility to 1½ SM, LNAV Cats C/D/E visibility to RVR 6000.

ALSF-2

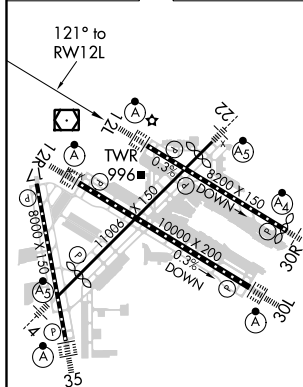


**MISSED APPROACH:**  
Climb to 1300, then  
climbing left turn to  
3000 direct KANAC  
and hold.

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



ELEV 842	<b>D</b>	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).

HAMML

WASHY

AASUN  
1.7 NM to RW12L

RW12L

GP 3.00°  
TCH 52

4000

3000

121°

3.1 NM

4.9 NM

0.6 NM

1.1 NM

\*1420

\*1.1 NM to RW12L

\*1.1 NM to RW12L

\*RNAV only

1300

3000

KANAC

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