

WAAS CH 45525 W12B	APP CRS 121°	Rwy Ldg TDZE Apt Elev	7620 841 842
--	------------------------	-----------------------------	---

RNAV (GPS) Z RWY 12L

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

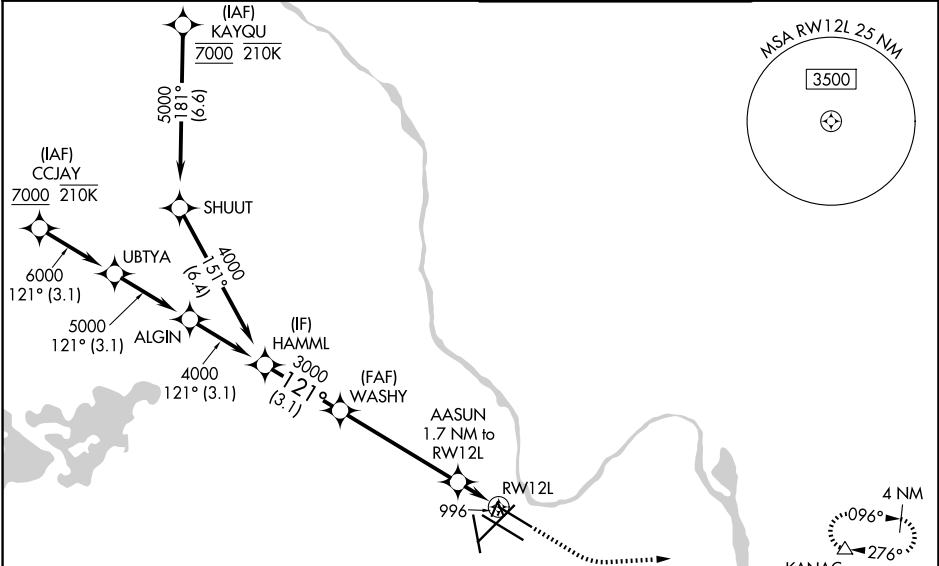
RNP APCH - GPS.

Simultaneous approach authorized with Rwy 12R. LNAV procedure NA during simultaneous operations. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C or above 54°C. Use of FD or AP required during simultaneous operations. For inop ALS, increase LNAV/VNAV visibility all Cats to RVR 4500 and LNAV Cats C/D visibility to RVR 6000.

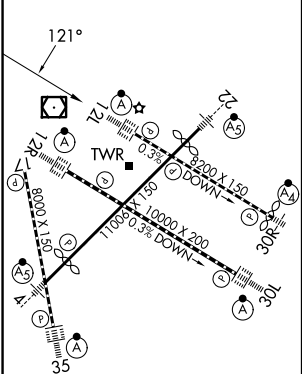
ALSF-2

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

D-ATIS 135.35 239.275	MINNEAPOLIS APP CON 118.725 335.65 (35) 119.3 335.65 (4-22, 12L-30R, 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 (4-22, 12R-30L)	GND CON 121.8 348.6 (N) 121.9 348.6 (S) 127.925 348.6 (W)
---------------------------------	--	---	---



ELEV 842	D	TDZE 841
----------	----------	----------



HIRL all rwys
REIL Rwy 17
TDZL/RCLS Rwys 12L, 12R, 30L, and 35

VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 79).			
HAMML		WASHY	
4000		3000	
GP 3.00°		1420	
TCH 52		AASUN 1.7 NM to RWY 12L	
3.1 NM		4.9 NM	
CATEGORY		A	
LPV DA		1041/18 200 (200-½)	
LNAV/VNAV DA		1157/24 316 (400-½)	
LNAV MDA		1260/24 419 (500-½)	
CIRCLING		1360-1 518 (600-1)	
		1460-1¾ 618 (700-1¾)	
		1620-2½ 778 (800-2½)	