

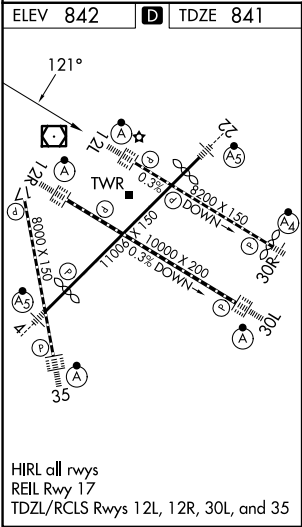
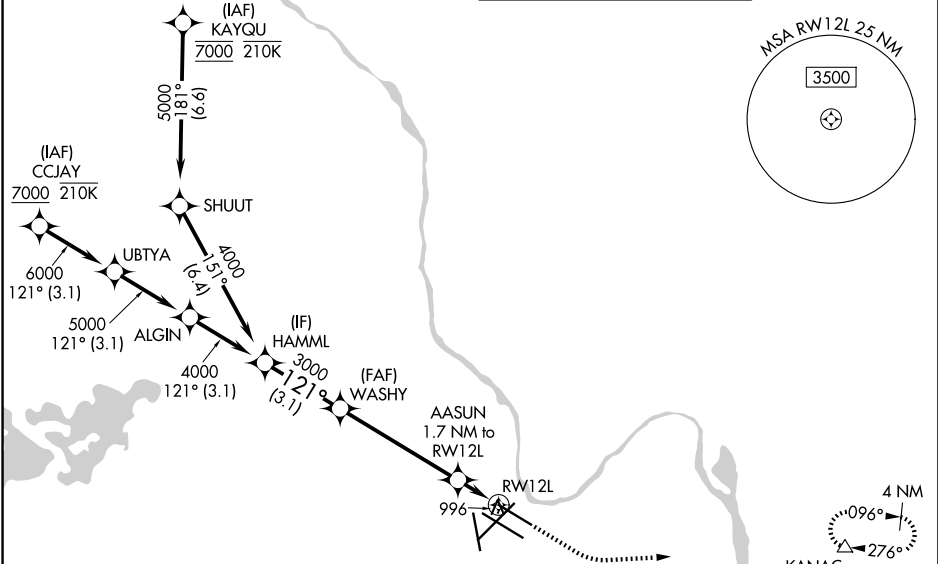
WAAS CH 45525 W12B	APP CRS 121°	Rwy Ldg TDZE Apt Elev	7620 841 842
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RNAV (GPS) Z RWY 12L

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

RNP APCH - GPS.	ALSF-2	MISSED APPROACH: Climb to 1300, then climbing left turn to 3000 direct KANAC and hold.
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.		

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)
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VGSi and RNAV glidepath not coincident (VGSi Angle 3.00/TCH 79).		1300	3000	KANAC
HAMML		WASHY	AASUN 1.7 NM to RW12L	1.1 NM to RW12L
4000		3000	1420	
GP 3.00° TCH 52		3.1 NM	4.9 NM	0.6 NM
CATEGORY	A	B	C	D
LPV DA	1041/18 200 (200-½)			
LNAV/VNAV DA	1157/24 316 (400-½)			
LNAV MDA	1260/24 419 (500-½)		1260/40 419 (500-¾)	
CIRCLING	1360-1 518 (600-1)		1460-1¾ 618 (700-1¾) 1620-2½ 778 (800-2½)	