

LOC/DME I-HAP	APP CRS	Rwy Idg	9290
111.3	283°	TDZE	31
Chan 50		Apt Elev	31

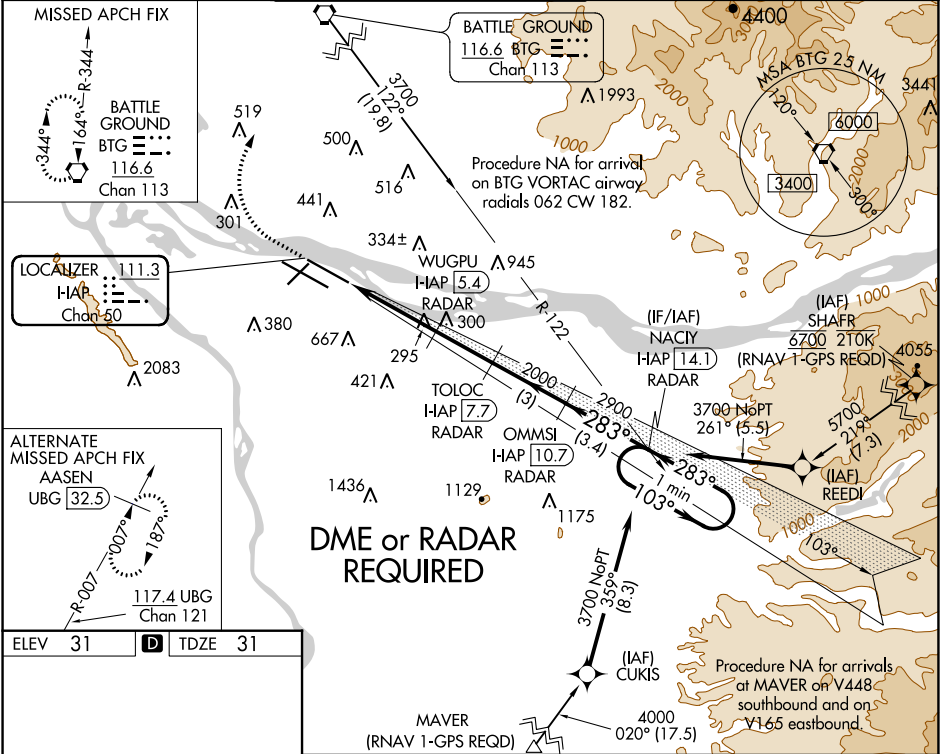
ILS or LOC RWY 28R
PORTLAND INTL (PDX)

V Simultaneous approach authorized. For inop ALS, increase S-ILS 28R Cat E visibility to RVR 4000; increase S-LOC 28R Cat E visibility to 1½ SM.







MALSR

MISSED APPROACH: Climb to 600 then climbing right turn to 4200 direct BTG VORTAC and hold, continue climb-in-hold to 4200.

D-ATIS 128.35 269.9	PORTLAND APP CON 124.35 299.2	PORTLAND TOWER Rwys 10L-28R 118.7 257.8 Rwys 3-21, 10R-28L 123.775 251.125	GND CON 121.9 348.6	CLNC DEL 120.125 318.1	CPDLC
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ELEV 31	D	TDZE 31
<p>REIL Rwy 3 and 21 TDZ/CL Rwy 10R MIRL Rwy 3-21 HIRL Rwy 10L-28R and 10R-28L</p>		
FAF to MAP 6 NM		
Knots	60	90 120 150 180
Min:Sec	6:00	4:00 3:00 2:24 2:00

600 		4200 		BTG 		VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 70).				One Minute Holding Pattern	
*LOC only.		WUGPU I-HAP [5.4] RADAR		TOLOC I-HAP [7.7] RADAR		OMMSI I-HAP [10.7] RADAR		NACIY I-HAP [14.1] RADAR			
		*I-HAP [3.1]		2000		283°		103°		3700	
		1.4		2.3		2.3 NM		3 NM		3.4 NM	
CATEGORY		A		B		C		D		E	
S-ILS 28R		281/24 250 (300-½)									
S-LOC 28R		560/24 529 (600-½)				560/55 529 (600-1)					
 CIRCLING		720-1 689 (700-1)		760-1 729 (800-1)		1060-3 1029 (1100-3)		1140-3 1109 (1200-3)			