

LOC/DME I-JMJ <b>110.5</b> Chan 42	APP CRS <b>283°</b>	Rwy Idg <b>11000</b> TDZE <b>23</b> Apt Elev <b>31</b>
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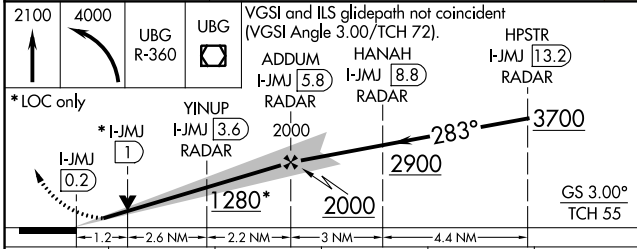
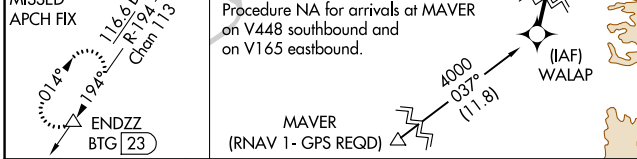
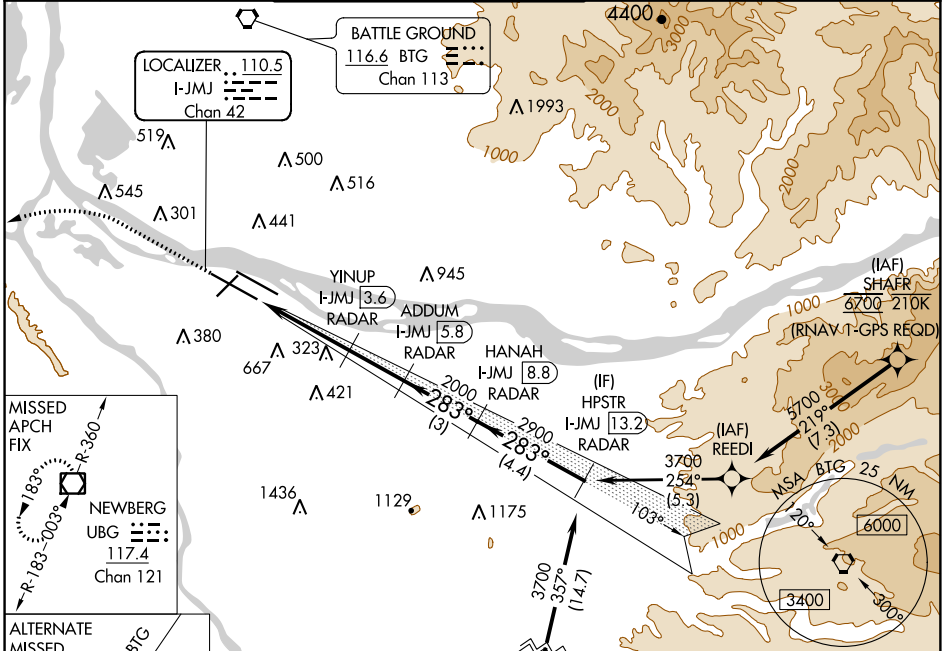
# ILS or LOC RWY 28L

PORTLAND INTL (PDX)

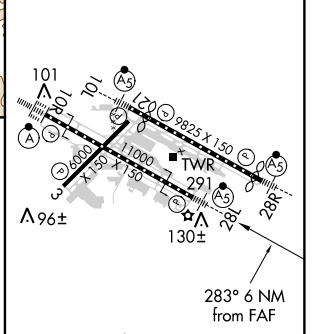
**Simultaneous approach authorized. Autopilot coupled approach NA below 880. DME or RADAR required. For inop ALS, increase S-ILS 28L Cat E visibility to RVR 4500 and increase S-LOC 28L Cat E visibility to 1 1/2 SM.**

**MALSR** MISSED APPROACH: Climb to 2100 then climbing left turn to 4000 on UBG R-360 to UBG VOR/DME and hold.

D-ATIS <b>128.35</b> <b>269.9</b>	PORTLAND APP CON <b>124.35 299.2</b>	PORTLAND TOWER Rwy 10L-28R <b>118.7 257.8</b>	Rwys 3-21, 10R-28L <b>123.775 251.125</b>	GND CON <b>121.9 348.6</b>	CLNC DEL <b>120.125 318.1</b>	CPDLC
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ELEV 31	TDZE 23
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REIL Rwys 3 and 21  
TDZ/CL Rwy 10R  
MIRL Rwy 3-21  
HIRL Rwys 10L-28R and 10R-28L

CATEGORY	A	B	C	D	E
S-ILS 28L	306/24 283 (300-1/2)				
S-LOC 28L	480/24	457 (500-1/2)	480/45	457 (500-3/4)	FAF to MAP 6 NM
CIRCLING	720-1 689 (700-1)	760-1 729 (800-1)	1060-3	1029 (1100-3)	1140-3 1109 (1200-3)
	Knots 60	90	120	150	180
	Min:Sec 6:00	4:00	3:00	2:24	2:00

NW-1, 31 JAN 2019 to 28 FEB 2019

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