

APP CRS	Rwy Idg	11000
103°	TDZE	24
	Apt Elev	31

RNAV (RNP) Z RWY 10R

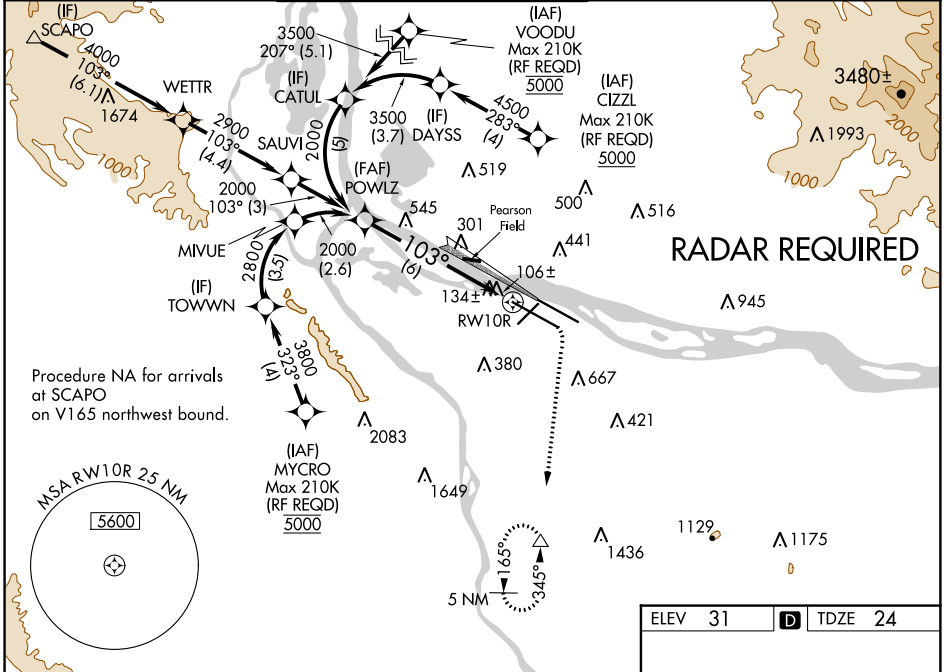
PORTLAND INTL (PDX)

GPS required. For inoperative ALSF, increase RNP 0.10 all Cats visibility to RVR 5000 and 0.30 all Cats visibility to 1 $\frac{1}{2}$ miles. For uncompensated Baro-VNAV systems, procedure NA below -15°C (5°F) or above 54°C (130°F). Simultaneous approach authorized with Rwy 10L. Use of FD or AP providing RNAV track guidance required during simultaneous operations.



MISSED APPROACH: Climb to 440 then climbing right turn to 5000 direct MULES and hold, continue climb-in-hold to 5000.

D-ATIS	PORTLAND APP CON	PORTLAND TOWER		GND CON	CINC DEL	CPDLC
128.35	124.35 299.2	Rwy 10L-28R	Rwys 3-21, 10R-28L	121.9 348.6	120.125 318.1	
269.9		118.7 257.8	123.775 251.125			

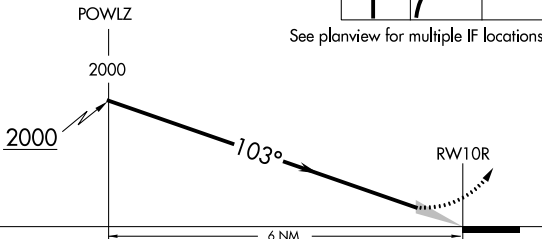


Procedure NA for arrivals at SCAPO on V165 northwest bound.

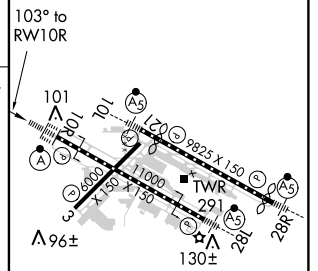
RADAR REQUIRED

ELEV	31	D	TDZE	24
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VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 71).



GP 3.00°
TCH 53



CATEGORY	A	B	C	D
RNP 0.10 DA		347/32	323 (400- $\frac{3}{8}$)	
RNP 0.30 DA		449/50	425 (500-1)	

AUTHORIZATION REQUIRED

REIL Rwys 3 and 21
TDZ/CL Rwy 10R
MIRL Rwy 3-21
HIRL Rwys 10L-28R and 10R-28L

NW-1, 31 JAN 2019 to 28 FEB 2019

NW-1, 31 JAN 2019 to 28 FEB 2019