

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

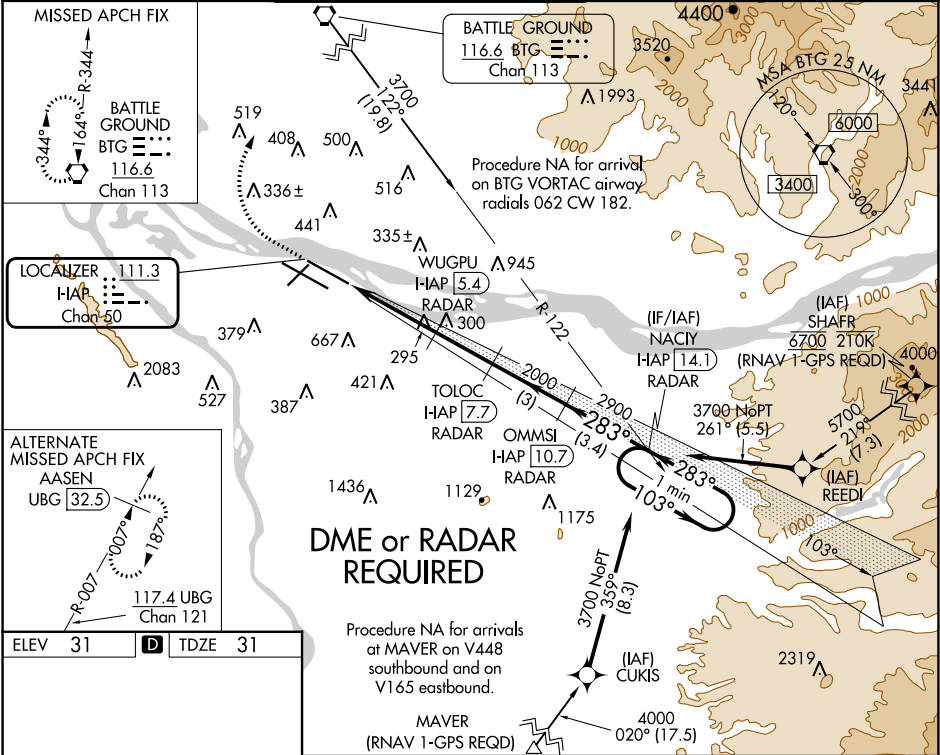
ILS or LOC RWY 28R  
PORTLAND INTL (PDX)

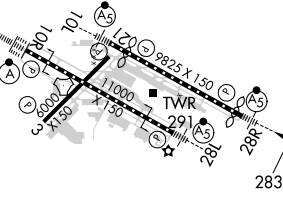
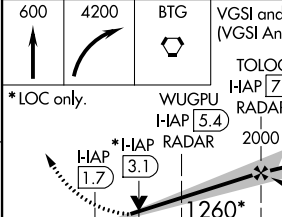
**⚠** Simultaneous approach authorized. For inop ALS, increase S-ILS 28R Cat E visibility to RVR 4000; increase S-LOC 28R Cat E visibility to 1½ SM.

**MAJRS**

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

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



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                      |                      |                      |      |                         |      |         |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |   |   |   |   |   |           |                    |  |  |  |  |           |                    |  |                    |  |  |                                                                                              |                      |                      |                      |  |                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|------|-------------------------|------|---------|------|------|------|------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|---|---|---|---|---|-----------|--------------------|--|--|--|--|-----------|--------------------|--|--------------------|--|--|----------------------------------------------------------------------------------------------|----------------------|----------------------|----------------------|--|-------------------------|
|  <p>REIL Rws 3 and 21<br/>TDZ/CL Rwy 10R<br/>MIRL Rwy 3-21<br/>HIRL Rws 10L-28R and 10R-28L</p> <p>FAF to MAP 6 NM</p> <table><tr><td>Knots</td><td>60</td><td>90</td><td>120</td><td>150</td><td>180</td></tr><tr><td>Min:Sec</td><td>6:00</td><td>4:00</td><td>3:00</td><td>2:24</td><td>2:00</td></tr></table> <p> CIRCLING</p> | Knots                | 60                   | 90                   | 120  | 150                     | 180  | Min:Sec | 6:00 | 4:00 | 3:00 | 2:24 | 2:00 |  <p>600<br/>4200<br/>BTG</p> <p>TOLOC<br/>WUGPU<br/>I-IAP<br/>I-IAP<br/>RADAR<br/>RADAR</p> <p>OMMSI<br/>I-IAP<br/>RADAR</p> <p>NACIY<br/>I-IAP<br/>RADAR</p> <p>One Minute<br/>Holding Pattern</p> <p>*LOC only.</p> <p>103°<br/>283°<br/>3700</p> <p>GS 3.00°<br/>TCH 54</p> <p>1.4 2.3 2.3 NM 3 NM 3.4 NM</p> | <table><tr><td>CATEGORY</td><td>A</td><td>B</td><td>C</td><td>D</td><td>E</td></tr><tr><td>S-ILS 28R</td><td colspan="5">281/24 250 (300-½)</td></tr><tr><td>S-LOC 28R</td><td colspan="2">560/24 529 (600-½)</td><td colspan="3">560/55 529 (600-1)</td></tr><tr><td rowspan="2"> CIRCLING</td><td>720-1<br/>689 (700-1)</td><td>760-1<br/>729 (800-1)</td><td colspan="2">1060-3 1029 (1100-3)</td><td>1140-3<br/>1109 (1200-3)</td></tr></table> | 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<br>689 (700-1) | 760-1<br>729 (800-1) | 1060-3 1029 (1100-3) |  | 1140-3<br>1109 (1200-3) |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Knots                | 60                   | 90                   | 120  | 150                     | 180  |         |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |   |   |   |   |   |           |                    |  |  |  |  |           |                    |  |                    |  |  |                                                                                              |                      |                      |                      |  |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Min:Sec              | 6:00                 | 4:00                 | 3:00 | 2:24                    | 2:00 |         |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |   |   |   |   |   |           |                    |  |  |  |  |           |                    |  |                    |  |  |                                                                                              |                      |                      |                      |  |                         |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 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<br>689 (700-1) | 760-1<br>729 (800-1) | 1060-3 1029 (1100-3) |      | 1140-3<br>1109 (1200-3) |      |         |      |      |      |      |      |                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |          |   |   |   |   |   |           |                    |  |  |  |  |           |                    |  |                    |  |  |                                                                                              |                      |                      |                      |  |                         |

NW-1, 16 MAY 2024 to 13 JUN 2024

NW-1, 16 MAY 2024 to 13 JUN 2024