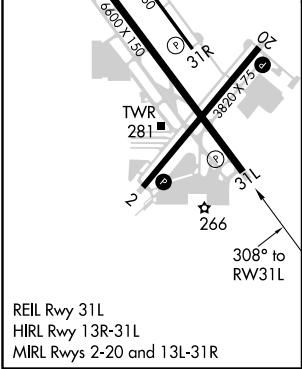
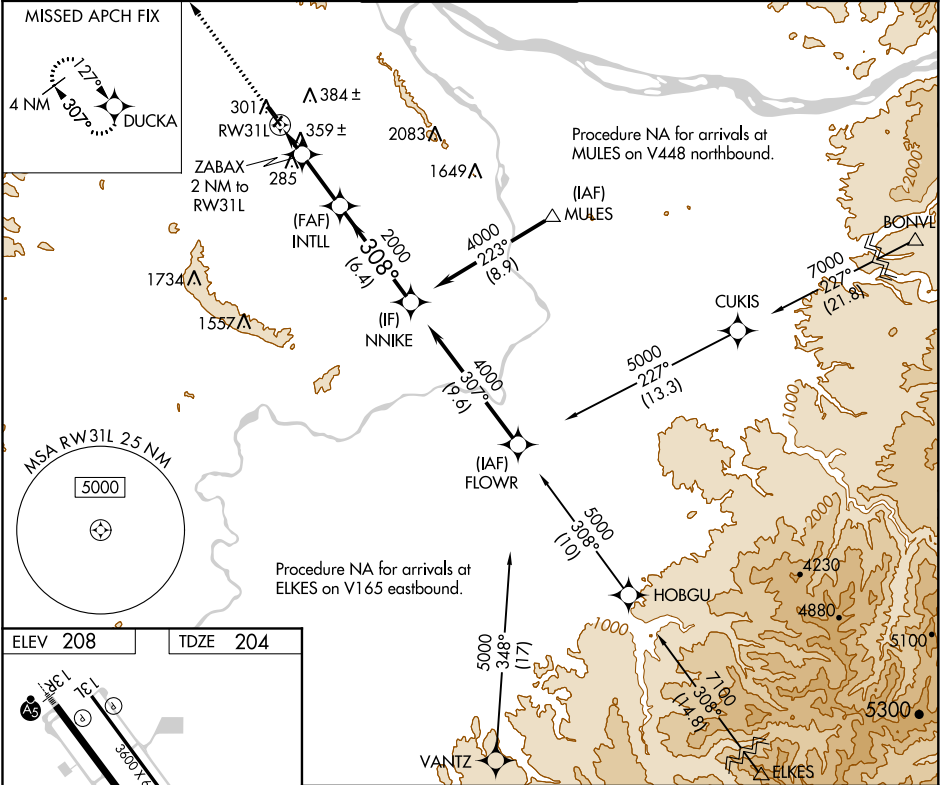








|         |          |      |
|---------|----------|------|
| APP CRS | Rwy Idg  | 6600 |
| 308°    | TDZE     | 204  |
|         | Apt Elev | 208  |

RNAV (GPS) RWY 31L  
PORTLAND-HILLSBORO (HIO)

|   |   |
|---|---|
| RNP APCH.   | MISSED APPROACH: Climb to 3900 direct DUCKA and hold. |
| Circling to Rwy 13L, 31R NA at night.<br>Rwy 31L helicopter visibility reduction below 3/4 SM NA. |   |

|                |                                   |   |                  |                  |
|----------------|-----------------------------------|---|------------------|------------------|
| ATIS<br>127.65 | PORTLAND APP CON<br>126.0 269.175 | HILLSBORO TOWER ★<br>119.3 (CTAF) 239.3 | GND CON<br>121.7 | UNICOM<br>122.95 |
|----------------|-----------------------------------|---|------------------|------------------|



|  |  |   |  |                           |  |   |  |  |  |      |  |
|--|--|---|--|---------------------------|--|---|--|--|--|------|--|
| 3900   |  | DUCKA   |  |                           |  |   |  |  |  |      |  |
|           |  |  |  |                           |  |   |  |  |  |      |  |
|  |  |   |  | ZABAX<br>2 NM to<br>RW31L |  | INTLL   |  | NNIKE                                    |  | 4000 |  |
|           |  | RW31L   |  | 1.3 NM to<br>RW31L        |  |                  |  | 308°                                     |  | 2000 |  |
|  |  |   |  | 880                       |  |  3.05°<br>TCH 52 |  |  |  |      |  |
|  |  | 1.3 NM  |  | 0.7                       |  | 3.4 NM  |  | 6.4 NM                                   |  |      |  |
| CATEGORY   |  | A   |  | B                         |  | C   |  | D  |  |      |  |
| LNAV MDA   |  | 660-1   |  | 456 (500-1)               |  | 660-1 <sup>3</sup> / <sub>8</sub>   |  | 456 (500-1 <sup>3</sup> / <sub>8</sub> ) |  |      |  |
|  CIRCLING |  | 680-1   |  | 720-1                     |  | 720-1 <sup>1</sup> / <sub>2</sub>   |  | 980-2 <sup>1</sup> / <sub>2</sub>        |  |      |  |
|  |  | 472 (500-1)   |  | 512 (600-1)               |  | 512 (600-1 <sup>1</sup> / <sub>2</sub> )  |  | 772 (800-2 <sup>1</sup> / <sub>2</sub> ) |  |      |  |