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| WAAS CH 69417 W31A | APP CRS 308° | Rwy ldg TDZE Apt Elev | 6600 204 208 |
|--|------------------------|-----------------------------|---|

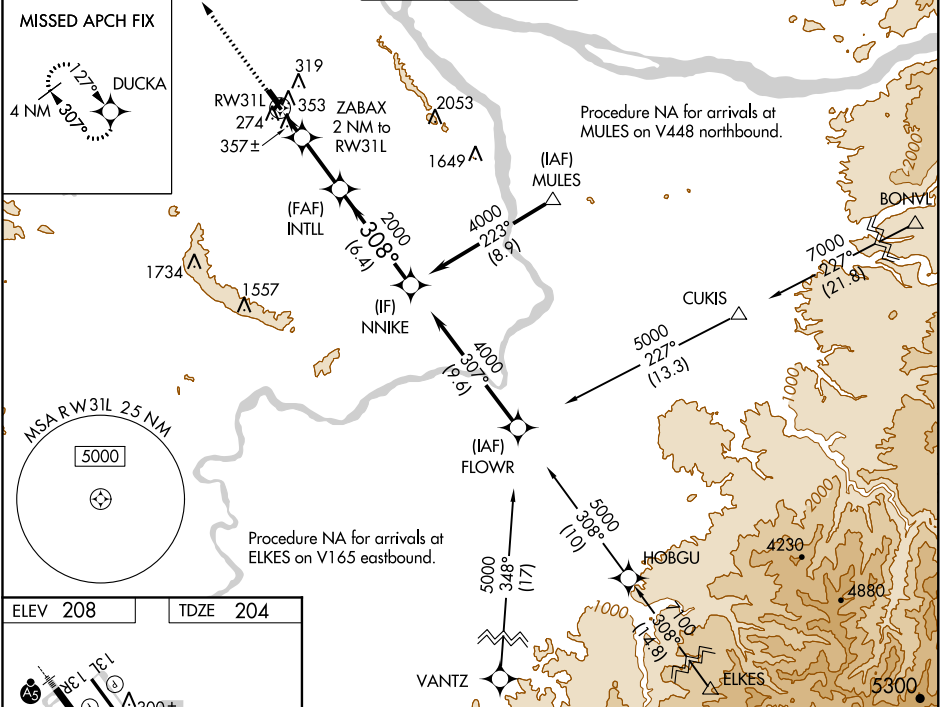
RNAV (GPS) RWY 31L

PORTLAND-HILLSBORO (HIO)

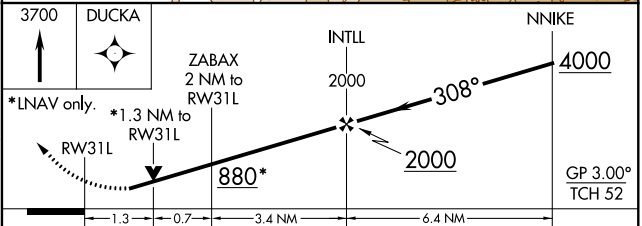
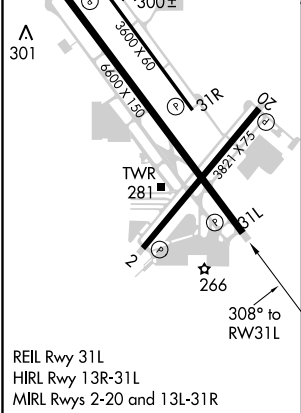
⚠ For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20°C (-4°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Portland Intl altimeter setting and increase all DA/MDA 60 feet and increase LPV, LNAV/VNAV and Circling Cat D visibility ¼ mile. VDP and Baro-VNAV NA when using Portland Intl altimeter setting. Helicopter visibility reduction below ¾ SM NA.

MISSED APPROACH: Climb to 3700 direct DUCKA and hold.

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



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|-----------------|-----------------|
| ELEV 208 | TDZE 204 |
|-----------------|-----------------|



| CATEGORY | A | B | C | D |
|-------------------|----------------------|----------------------|------------------------|------------------------|
| LPV DA | | 583-1¼ | 379 (400-1¼) | |
| LNAV/VNAV DA | | 644-1½ | 440 (500-1½) | |
| LNAV MDA | 660-1 | 456 (500-1) | 660-1¾ | 456 (500-1¾) |
| C CIRCLING | 680-1 472 (500-1) | 720-1 512 (600-1) | 720-1½ 512 (600-1½) | 980-2½ 772 (800-2½) |

NW-1, 06 DEC 2018 to 03 JAN 2019

NW-1, 06 DEC 2018 to 03 JAN 2019