

|                           |                        |                             |   |
|---------------------------|------------------------|-----------------------------|---|
| LOC I-HQA<br><b>110.9</b> | APP CRS<br><b>308°</b> | Rwy Idg<br>TDZE<br>Apt Elev | <b>8129</b><br><b>308</b><br><b>310</b> |
|---------------------------|------------------------|-----------------------------|---|

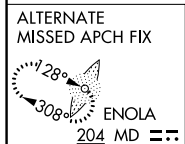
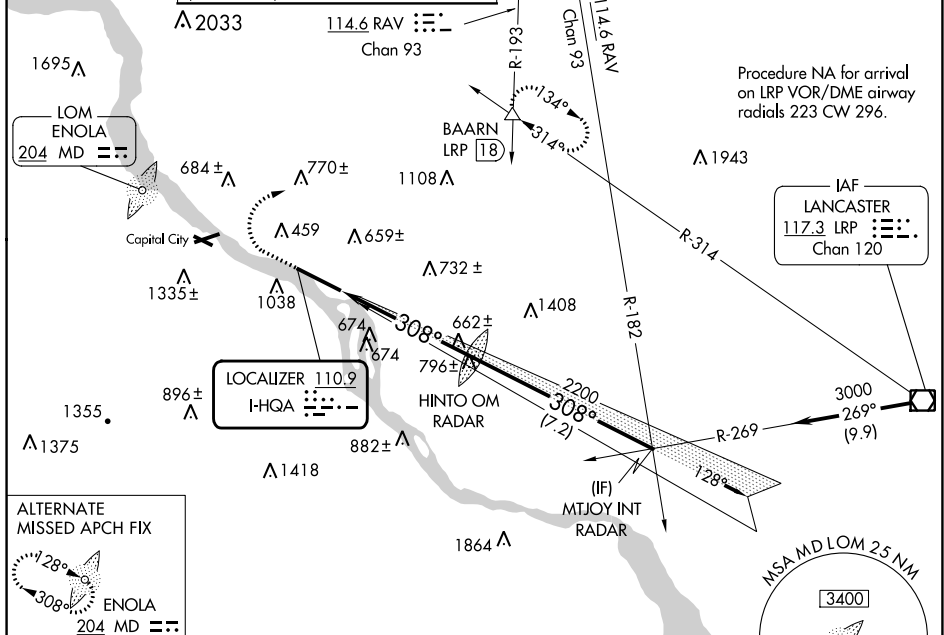
# ILS or LOC RWY 31

HARRISBURG INTL (MDT)

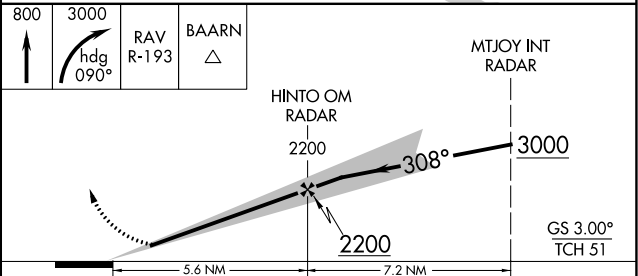
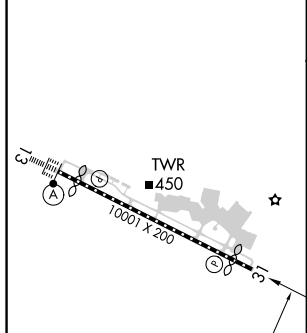
**⚠** Circling NA south of Rwy 13-31.  
**⚠** -17°C

MISSED APPROACH: Climb to 800 then climbing right turn to 3000 on heading 090° and RAV VORTAC R-193 to BAARN INT/LRP 18 DME and hold.

|                      |  |   |                                      |
|----------------------|--|---|--------------------------------------|
| ATIS<br><b>118.8</b> | HARRISBURG APP CON<br>(080°-179°) <b>126.45</b> <b>281.525</b><br>(180°-329°) <b>124.1</b> <b>273.525</b><br>(330°-079°) <b>118.25</b> <b>269.45</b> | HARRISBURG INTL TOWER<br><b>124.8</b> <b>269.35</b> | GND CON<br><b>121.7</b> <b>348.6</b> |
|----------------------|--|---|--------------------------------------|



|          |          |
|----------|----------|
| ELEV 310 | TDZE 308 |
|----------|----------|



|                   |      |      |      |      |      |
|-------------------|------|------|------|------|------|
| TDZ/CL Rwy 13     |      |      |      |      |      |
| REIL Rwy 31       |      |      |      |      |      |
| HIRL Rwy 13-31    |      |      |      |      |      |
| FAF to MAP 5.6 NM |      |      |      |      |      |
| Knots             | 60   | 90   | 120  | 150  | 180  |
| Min:Sec           | 5:36 | 3:44 | 2:48 | 2:14 | 1:52 |

| CATEGORY | A                    | B                    | C                            | D                       |
|----------|----------------------|----------------------|------------------------------|-------------------------|
| S-ILS 31 | 558/50               |                      | 250 (300-1)                  |                         |
| S-LOC 31 | 920/50               | 612 (700-1)          | 920-1 3/4<br>612 (700-1 3/4) | 920-2<br>612 (700-2)    |
| CIRCLING | 920-1<br>610 (700-1) | 980-1<br>670 (700-1) | 1000-2<br>690 (700-2)        | 1440-3<br>1130 (1200-3) |