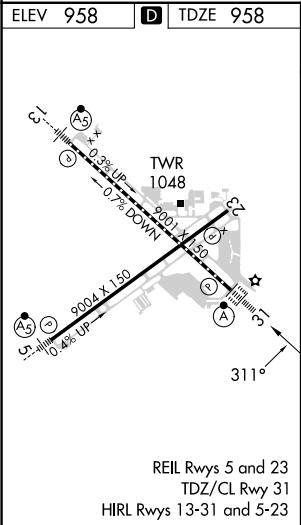
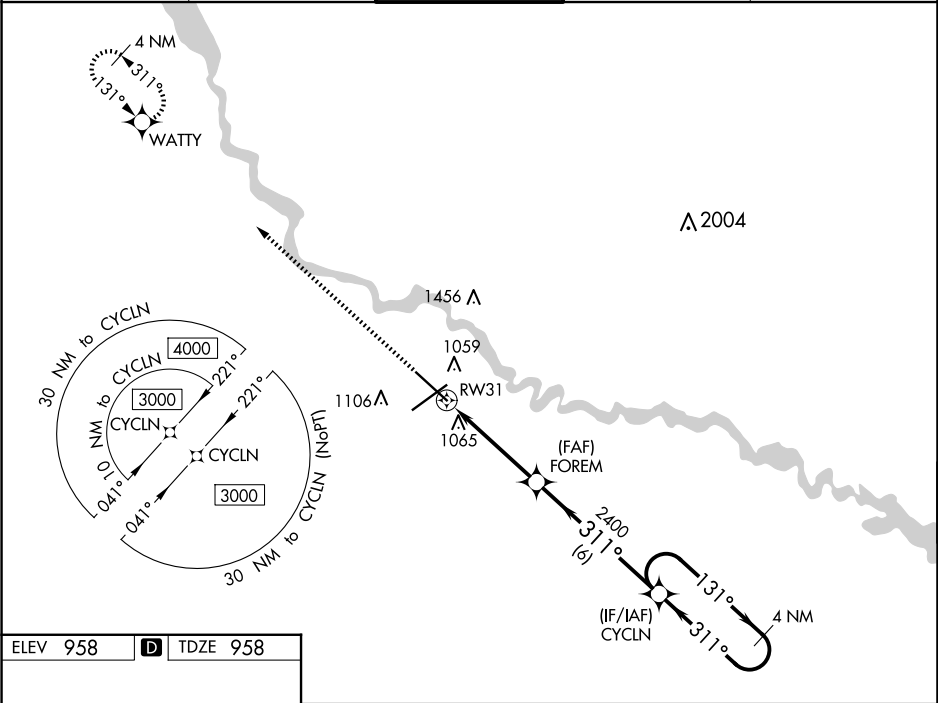


|                                        |                        |                                                               |
|----------------------------------------|------------------------|---------------------------------------------------------------|
| WAAS<br>CH <b>78002</b><br><b>W31A</b> | APP CRS<br><b>311°</b> | Rwy Idg <b>9001</b><br>TDZE <b>958</b><br>Apt Elev <b>958</b> |
|----------------------------------------|------------------------|---------------------------------------------------------------|

RNAV (GPS) RWY 31

DES MOINES INTL (DSM)

|                                                                                                                                                                                                        |                                           |                                        |                                                             |                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------------|-------------------------------------------------------------|----------------------------------|
| RNP APCH - GPS.                                                                                                                                                                                        |                                           | ALSF-2                                 | MISSED APPROACH:<br>Climb to 3500 direct<br>WATTY and hold. |                                  |
| For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -20° or above 54°. For inop ALS, increase LNAV Cats C/D visibility to RVR 5500. Baro-VNAV and VDP NA when using Ankeny Rgnl altimeter setting. |                                           |                                        |                                                             |                                  |
| ATIS<br><b>119.55</b>                                                                                                                                                                                  | DES MOINES APP CON<br><b>123.9 307.15</b> | DES MOINES TOWER<br><b>118.3 257.8</b> | GND CON<br><b>121.9 348.6</b>                               | CLNC DEL<br><b>134.15 317.55</b> |



|                                                                                              |  |                                                                                     |  |             |  |                         |  |                         |  |
|----------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------|--|-------------|--|-------------------------|--|-------------------------|--|
| 3500                                                                                         |  | WATTY                                                                               |  | FOREM       |  | CYCLN                   |  | 4 NM Holding Pattern    |  |
|           |  |  |  |             |  |                         |  |                         |  |
| *LNAV only                                                                                   |  | *1 NM to RW31                                                                       |  | 2400        |  | 311°                    |  | 131° → 3000             |  |
|           |  | RW31                                                                                |  | 2400        |  | ← 311°                  |  | GP 3.00° TCH 52         |  |
|           |  | 1 NM                                                                                |  | 3.4 NM      |  | 6 NM                    |  |                         |  |
| CATEGORY                                                                                     |  | A                                                                                   |  | B           |  | C                       |  | D                       |  |
| LPV DA                                                                                       |  |                                                                                     |  | 1158/18     |  | 200 (200-½)             |  |                         |  |
| LNAV/VNAV DA                                                                                 |  |                                                                                     |  | 1354/35     |  | 396 (400-¾)             |  |                         |  |
| LNAV MDA                                                                                     |  | 1320/24                                                                             |  | 362 (400-½) |  | 1320/35                 |  | 362 (400-¾)             |  |
|  CIRCLING |  | 1420-1                                                                              |  | 462 (500-1) |  | 1600-1¾<br>642 (700-1¾) |  | 1760-2½<br>802 (900-2½) |  |