

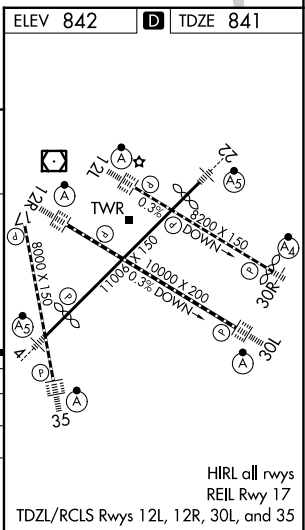
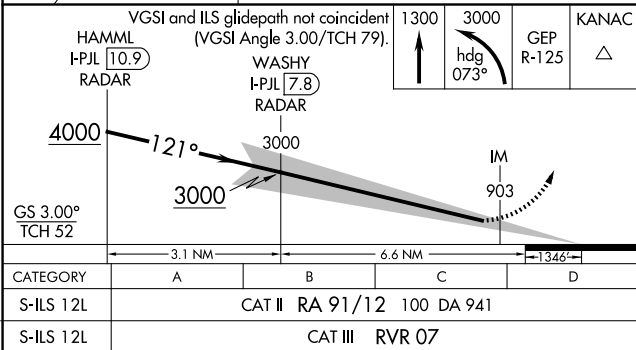
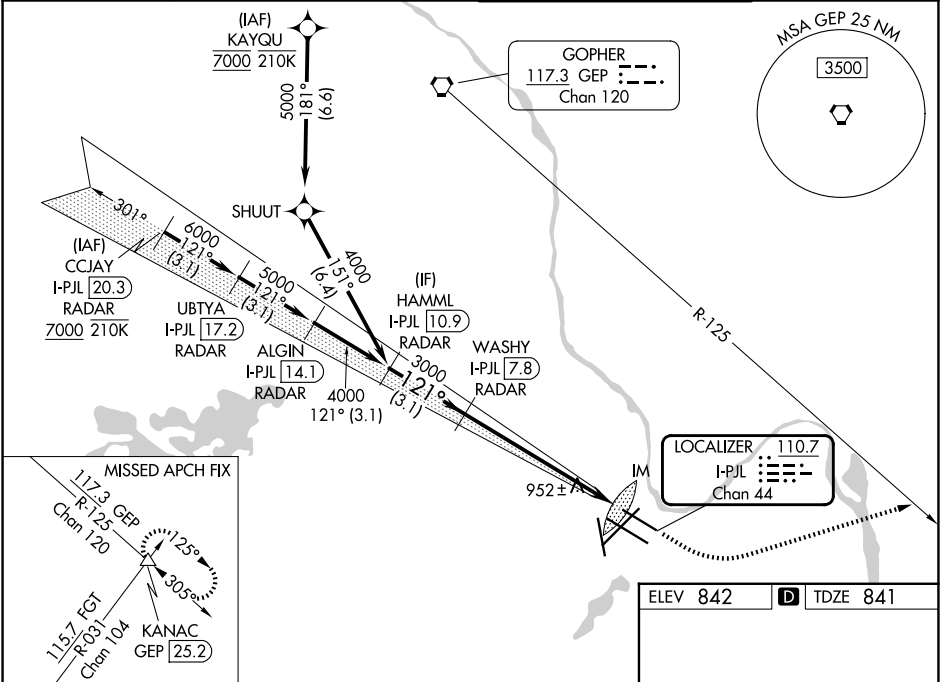
|                                                 |                        |                                                                        |
|-------------------------------------------------|------------------------|------------------------------------------------------------------------|
| LOC/DME I-PJL<br><b>110.7</b><br>Chan <b>44</b> | APP CRS<br><b>121°</b> | Rwy Ldg<br>TDZE<br>Apt Elev<br><b>7620</b><br><b>841</b><br><b>842</b> |
|-------------------------------------------------|------------------------|------------------------------------------------------------------------|

ILS RWY 12L (CAT II & III)

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

|                                                                                                                                                                  |             |                                                                                                                                                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| RNP APCH - GPS. From KAYQU.<br>DME or RADAR required.                                                                                                            | ALS-F-2<br> | MISSED APPROACH: Climb to 1300 then climbing left turn to 3000 on heading 073° and on GEP VORTAC R-125 to KANAC INT/GEP 25.2 DME and hold, continue climb-in-hold to 3000. |
| Simultaneous approach authorized with Rwy 12R. CAT II: RVR 1000 authorized with specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown. |             |                                                                                                                                                                            |

|                                 |                                                                                                                                |                                                                                                                             |                                                                                         |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| D-ATIS<br><b>135.35 239.275</b> | MINNEAPOLIS APP CON<br><b>118.725 335.65</b> (35)<br><b>119.3 335.65</b> (4-22, 12L-30R, 17)<br><b>126.95 335.65</b> (12R-30L) | MINNEAPOLIS TOWER<br><b>123.675 273.55</b> (17-35)<br><b>123.95 273.55</b> (12L-30R)<br><b>126.7 273.55</b> (4-22, 12R-30L) | GND CON<br><b>121.8 348.6</b> (N)<br><b>121.9 348.6</b> (S)<br><b>127.925 348.6</b> (W) |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|



|           |                            |   |   |   |
|-----------|----------------------------|---|---|---|
| CATEGORY  | A                          | B | C | D |
| S-ILS 12L | CAT II RA 91/12 100 DA 941 |   |   |   |
| S-ILS 12L | CAT III RVR 07             |   |   |   |