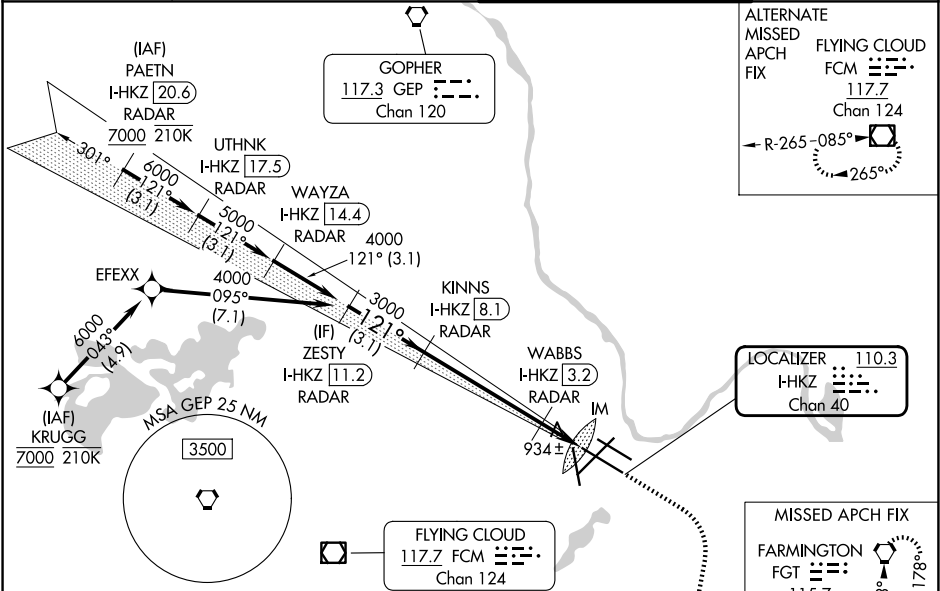


|                                                 |                        |                             |                                          |
|-------------------------------------------------|------------------------|-----------------------------|------------------------------------------|
| LOC/DME I-HKZ<br><b>110.3</b><br>Chan <b>40</b> | APP CRS<br><b>121°</b> | Rwy Ldg<br>TDZE<br>Apt Elev | <b>10000</b><br><b>842</b><br><b>842</b> |
|-------------------------------------------------|------------------------|-----------------------------|------------------------------------------|

ILS or LOC RWY 12R  
MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)

|                                                       |            |                                                                                             |
|-------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|
| RNP APCH - GPS. From KRUGG.<br>DME or RADAR required. | ALSf-2<br> | MISSED APPROACH: Climb to 1300 then climbing right turn to 3000 direct FGT VORTAC and hold. |
| Simultaneous approach authorized with Rwy 12L.        |            |                                                                                             |

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



|                                                                    |          |                     |
|--------------------------------------------------------------------|----------|---------------------|
| ELEV 842                                                           | <b>D</b> | TDZE 842            |
|                                                                    |          |                     |
| HIRL all rwy<br>REIL Rwy 17<br>TDZL/RCLS Rwy 12L, 12R, 30L, and 35 |          |                     |
| FAF to MAP 6.6 NM                                                  |          |                     |
| Knots                                                              | 60       | 90 120 150 180      |
| Min:Sec                                                            | 6:36     | 4:24 3:18 2:38 2:12 |

|                                                                 |                       |                       |                                           |            |
|-----------------------------------------------------------------|-----------------------|-----------------------|-------------------------------------------|------------|
| VGSi and ILS glidepath not coincident (VGSi Angle 3.00/TCH 66). |                       | 1300                  | 3000                                      | FGT        |
| ZESTY I-HKZ 11.2 RADAR                                          | KINNS I-HKZ 8.1 RADAR | WABBS I-HKZ 3.2 RADAR | I-HKZ 2.5                                 | I-HKZ 1.5  |
| 4000                                                            | 3000                  | 1420                  |                                           |            |
| GS 3.00° TCH 50                                                 | 3.1 NM                | 4.9 NM                | 0.7 NM                                    | 0.9 NM 0.1 |
| CATEGORY                                                        | A                     | B                     | C                                         | D          |
| S-ILS 12R                                                       | 1042/18 200 (200-½)   |                       |                                           |            |
| S-LOC 12R                                                       | 1240/24 398 (400-½)   |                       | 1240/35 398 (400-½)                       |            |
| CIRCLING                                                        | 1360-1 518 (600-1)    |                       | 1460-1¾ 618 (700-1¾) 1620-2½ 778 (800-2½) |            |

NC-1, 03 SEP 2026 to 01 OCT 2026

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