

|                                        |                        |                                                               |
|----------------------------------------|------------------------|---------------------------------------------------------------|
| WAAS<br>CH <b>60925</b><br><b>W30B</b> | APP CRS<br><b>301°</b> | Rwy Idg <b>8000</b><br>TDZE <b>822</b><br>Apt Elev <b>842</b> |
|----------------------------------------|------------------------|---------------------------------------------------------------|

# RNAV (GPS) Z RWY 30R

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

**V** For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -19°C (-2°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. Simultaneous approaches authorized with Rwy 30L and ILS V Rwy 35 (CONVERGING). LNAV procedure NA during simultaneous operations. Use of FD or AP providing RNAV track guidance required during LNAV operations. For inop ALS, increase LNAV/VNAV Cat E and LNAV Cat E visibility to 1½ SM. Inop table does not apply to LPV all Cats.

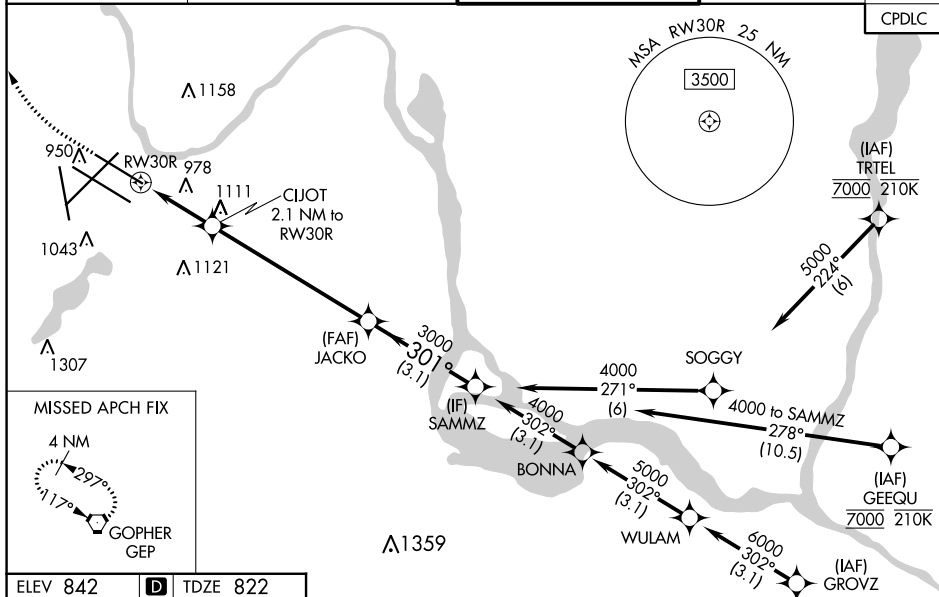
MALSF



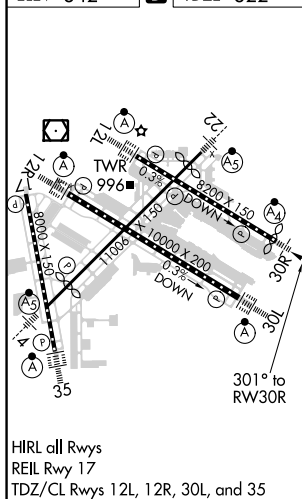
**MISSED APPROACH:** Climb to 1300, then climbing right turn to 3000 direct GEP VORTAC and hold.

| D-ATIS |                | MINNEAPOLIS APP CON |                            | MINNEAPOLIS TOWER |                        | GND CON |               | CLNC DEL |
|--------|----------------|---------------------|----------------------------|-------------------|------------------------|---------|---------------|----------|
| ARR    | 135.35 239.275 | 118.725             | 335.65 (Rwy 35)            | 123.675           | 273.55 (17-35)         | N       | 121.8 348.6   |          |
| DEP    | 120.8          | 119.3               | 335.65 (12L-30R, 4-22, 17) | 123.95            | 273.55 (12L-30R)       | S       | 121.9 348.6   |          |
|        |                | 126.95              | 335.65 (12R-30L)           | 126.7             | 273.55 (12R-30L, 4-22) | W       | 127.925 348.6 |          |

CPDLC



|          |          |          |
|----------|----------|----------|
| ELEV 842 | <b>D</b> | TDZE 822 |
|----------|----------|----------|



MINNEAPOLIS, MINNESOTA  
Amdt 4 22JUN17

MINNEAPOLIS-ST PAUL INTL/WOLD-CHAMBERLAIN (MSP)  
44°53'N-93°13'W RNAV (GPS) Z RWY 30R

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