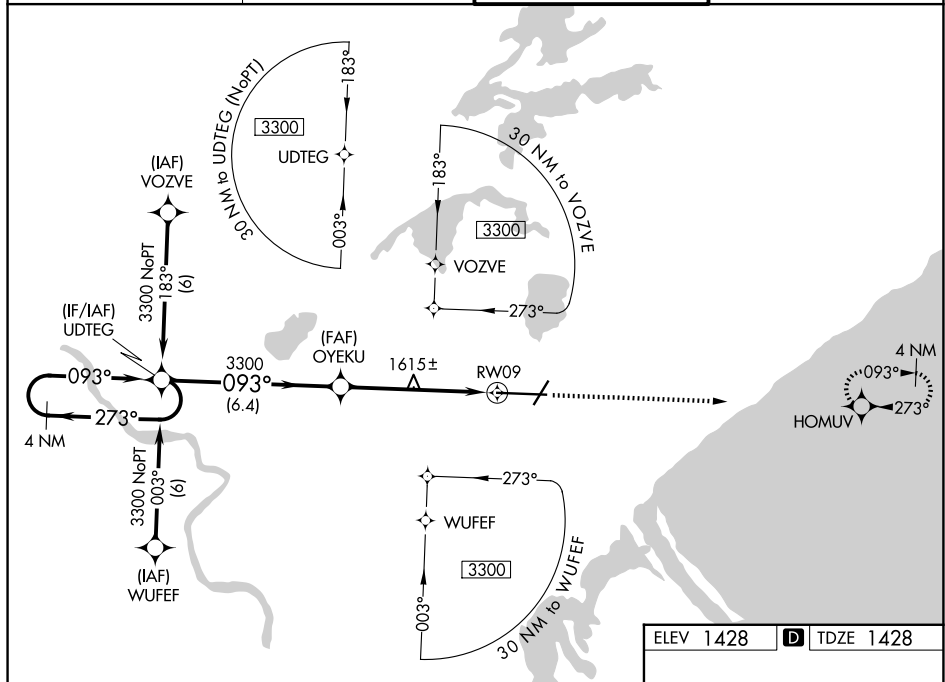


|                                        |                        |                                                                  |
|----------------------------------------|------------------------|------------------------------------------------------------------|
| WAAS<br>CH <b>90502</b><br><b>W09A</b> | APP CRS<br><b>093°</b> | Rwy Ldg <b>10062</b><br>TDZE <b>1428</b><br>Apt Elev <b>1428</b> |
|----------------------------------------|------------------------|------------------------------------------------------------------|

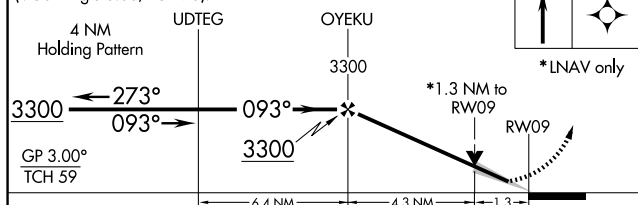
RNAV (GPS) RWY 9  
DULUTH INTL (DLH)

|                                                                                        |                                                                                                                                                                                                                                                                                             |                                                                                             |                                                       |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------|
| <br>ASR | For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -17°C (2°F) or above 46°C (115°F). DME/DME RNP-0.3 NA. Circling NA for Cat E southeast of Rwy 3/27. For inop ALS, increase LPV Cat E visibility to ¾ SM, LNAV/VNAV all Cats visibility to 1½ SM and LNAV Cat E visibility to 1½ SM. | ALSF-2<br> | MISSED APPROACH: Climb to 4000 direct HOMUV and hold. |
|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------------------------------|

|                            |                                       |                                    |                               |
|----------------------------|---------------------------------------|------------------------------------|-------------------------------|
| ATIS<br><b>124.1 270.1</b> | DULUTH APP CON<br><b>125.45 233.7</b> | DULUTH TOWER<br><b>118.3 257.8</b> | GND CON<br><b>121.9 348.6</b> |
|----------------------------|---------------------------------------|------------------------------------|-------------------------------|



VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 70).



| CATEGORY      |     | A                     |  | B                     |  | C                       |  | D                   |  | E |  |
|---------------|-----|-----------------------|--|-----------------------|--|-------------------------|--|---------------------|--|---|--|
| LPV           | DA  | 1628/18 200 (200-½)   |  |                       |  |                         |  |                     |  |   |  |
| LNAV/<br>VNAV | DA  | 1860/50 432 (500-1)   |  |                       |  |                         |  |                     |  |   |  |
| LNAV          | MDA | 1880/24 452 (500-½)   |  |                       |  | 1880/40<br>452 (500-¾)  |  | 1880/50 452 (500-1) |  |   |  |
| CIRCLING      |     | 1880-1<br>452 (500-1) |  | 1900-1<br>472 (500-1) |  | 1940-1½<br>512 (600-1½) |  | 2400-3 972 (1000-3) |  |   |  |

