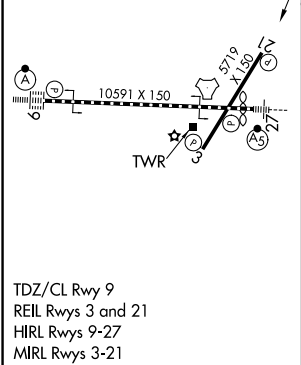
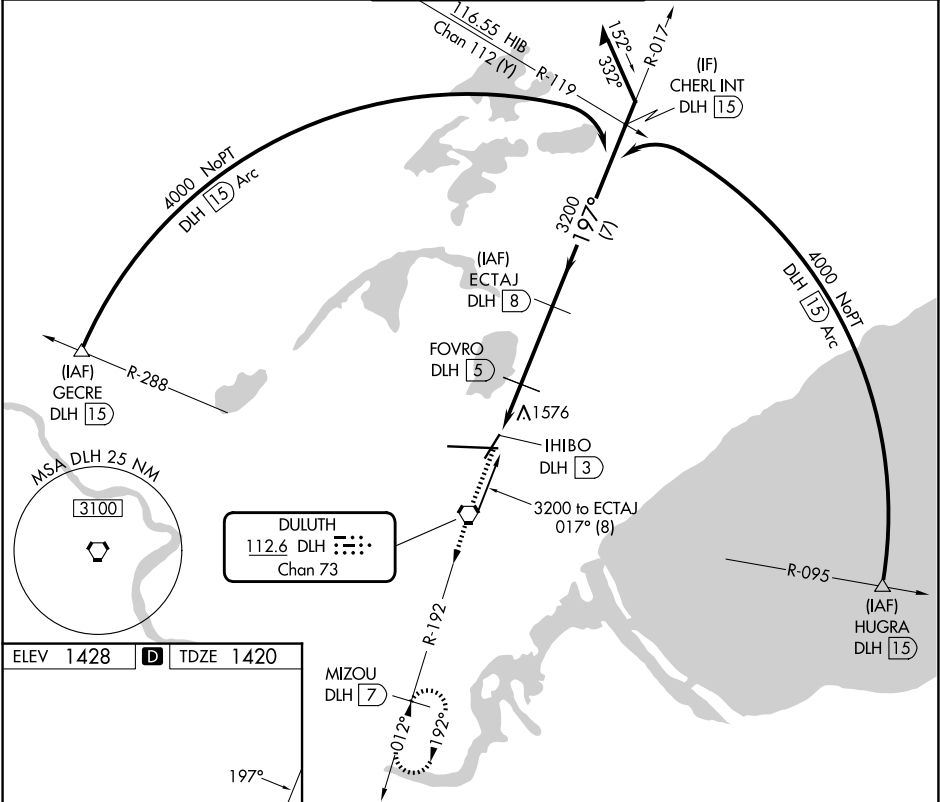


|            |         |          |      |
|------------|---------|----------|------|
| VORTAC DLH | APP CRS | Rwy Ldg  | 5719 |
| 112.6      | 197°    | TDZE     | 1420 |
| Chan 73    |         | Apt Elev | 1428 |

VOR/DME or TACAN RWY 21  
DULUTH INTL (DLH)

|                                                                                                                                                                                                                                         |                                                                                                        |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
| <br>Circling NA for Cat E southeast of Rwy 3-27.<br>Visibility reduction by helicopters NA.<br>ASR Rwy 21 Straight-in and Circling minimums NA at night. | MISSED APPROACH: Climb to 3800 direct DLH VORTAC then on DLH VORTAC R-192 to MIZOU/DLH 7 DME and hold. |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|

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



|             |                       |                       |                                                                                                        |                 |              |
|-------------|-----------------------|-----------------------|--------------------------------------------------------------------------------------------------------|-----------------|--------------|
| 3800        | DLH                   | MIZOU DLH 7           | ECTAJ DLH 8<br>VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 37).<br>Remain within 15 NM |                 |              |
| IHIBO DLH 3 | FOVRO DLH 5           | ≤ 3.29°<br>TCH 45     | 017°                                                                                                   | 197°            | 3200         |
| 2100        |                       | 3200                  |                                                                                                        |                 |              |
| 2 NM        |                       | 3 NM                  |                                                                                                        |                 |              |
| CATEGORY    | A                     | B                     | C                                                                                                      | D               | E            |
| S-21        | 1860-1                | 440 (500-1)           | 1860-1 3/8                                                                                             | 440 (500-1 3/8) |              |
| CIRCLING    | 1880-1<br>452 (500-1) | 1900-1<br>472 (500-1) | 1940-1 1/2<br>512 (600-1 1/2)                                                                          | 2400-3          | 972 (1000-3) |

NC-1, 22 JAN 2026 to 19 FEB 2026

NC-1, 22 JAN 2026 to 19 FEB 2026