ILS or LOC RWY 27

DULUTH INTL (DLH)

LOC I-JUD	APP CRS	Rwy Idg	10062
108.7	273°	TDZE	1421
		Apt Elev	1428

DME or RADAR required for procedure entry.

T A ASR Circling NA for Cat E southeast of Rwys 3 and 27. Inop table does not apply to S-ILS 27. For inop ALS, increase S-LOC 27 Cat E visibility to 1¼ SM.

MALSR (A5)

MISSED APPROACH: Climb to 3000 then climbing right turn to 4500 on heading 060° and DLH VORTAC R-017 to CHERL INT/ DLH 15 DME and hold.

ATIS	DULUTH APP CON	DULUTH TOWER	GND CON
124.1 270.1	125.45 233.7	118.3 257.8	121.9 348.6

ALTERNATE MISSED APCH FIX

093° 273° PYKLA DL 379 RADAR

110.8 HIB Chan 45 R-119

(IAF) FOSUP DLH 15

017° 197°

CHERL INT DLH 15

MSA DLH 25 NM 3100

LOCALIZER 108.7 I-JUD

R-009 R-017

3200 NoPT FOSUP to WIRSA DLH 15 Arc

(IAF) ANDOE OM/RADAR DLH 6.5

LOM PYKLA 379 DL RADAR

1569 1581

3200 273° (8.8)

LR-070 048° 228° 093°

LR-086

2049± 2049

(IF) WIRSA DLH 15

DULUTH 112.6 DLH Chan 73

3200 to ANDOE 066° (6.5)

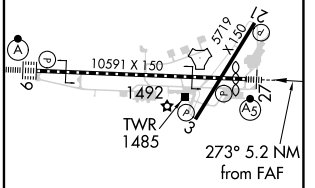
Procedure NA for arrival on DLH VORTAC airway radials 046 CW 116.

R-182

3200 NoPT DLH 15 Arc

(IAF) DAYAR DLH 15

ELEV 1428 D TDZE 1421



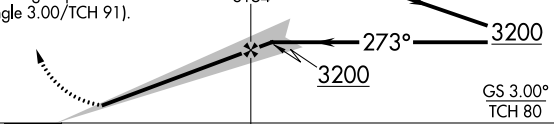
TDZ/CL Rwy 9
REIL Rwys 3 and 21
HIRL Rwys 3-21 and 9-27

3000	4500	DLH R-017	CHERL INT
	hdg 060°		

ANDOE OM/RADAR

Remain within 15 NM

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 91).



CATEGORY	A	B	C	D	E
S-ILS 27	1621/40 200 (200-¾)		1651/40 230 (300-¾)		
S-LOC 27	1860/24 439 (500-½)		1860/40 439 (500-¾)		
C CIRCLING	1880-1 452 (500-1)	1900-1 472 (500-1)	1940-1½ 512 (600-1½)	2400-3 972 (1000-3)	

FAF to MAP 5.2 NM

Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44

NC-1, 03 DEC 2020 to 31 DEC 2020
NC-1, 03 DEC 2020 to 31 DEC 2020