
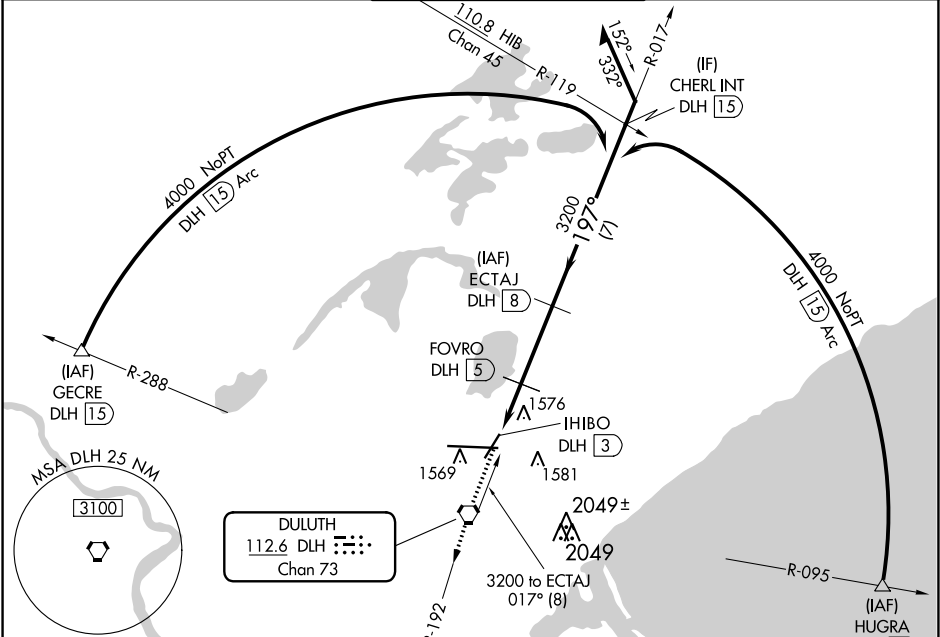


VORTAC DLH	APP CRS	Rwy Idg	5719
112.6	197°	TDZE	1420
Chan 73		Apt Elev	1428

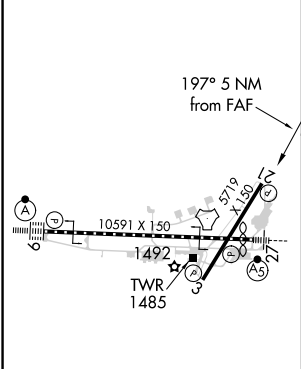
VOR/DME or TACAN RWY 21
DULUTH INTL (DLH)


 Circling NA for Cat E southeast of Rwy 3-27. Visibility reduction by helicopters NA. 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 124.1 270.1	DULUTH APP CON 125.45 233.7	DULUTH TOWER 118.3 257.8	GND CON 121.9 348.6
---------------------	--------------------------------	-----------------------------	------------------------



ELEV 1428	D	TDZE 1420
-----------	---	-----------



3800	DLH	MIZOU DLH 7	ECTAJ DLH 8 VGSi and descent angles not coincident (VGSi Angle 3.00/TCH 37). Remain within 15 NM		
IHIBO DLH 3	FOVRO DLH 5	≤ 3.29° TCH 45	3200	197°	3200
2100		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	1880-1 452 (500-1)	1900-1 472 (500-1)	1940-1 1/2 512 (600-1 1/2)	2400-3	972 (1000-3)

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