

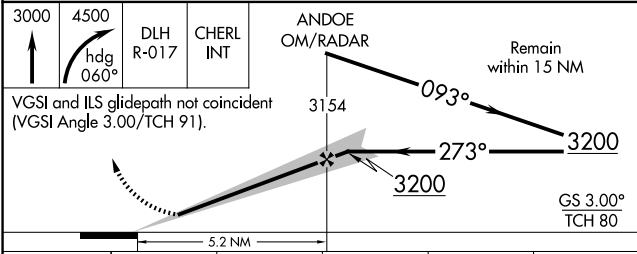
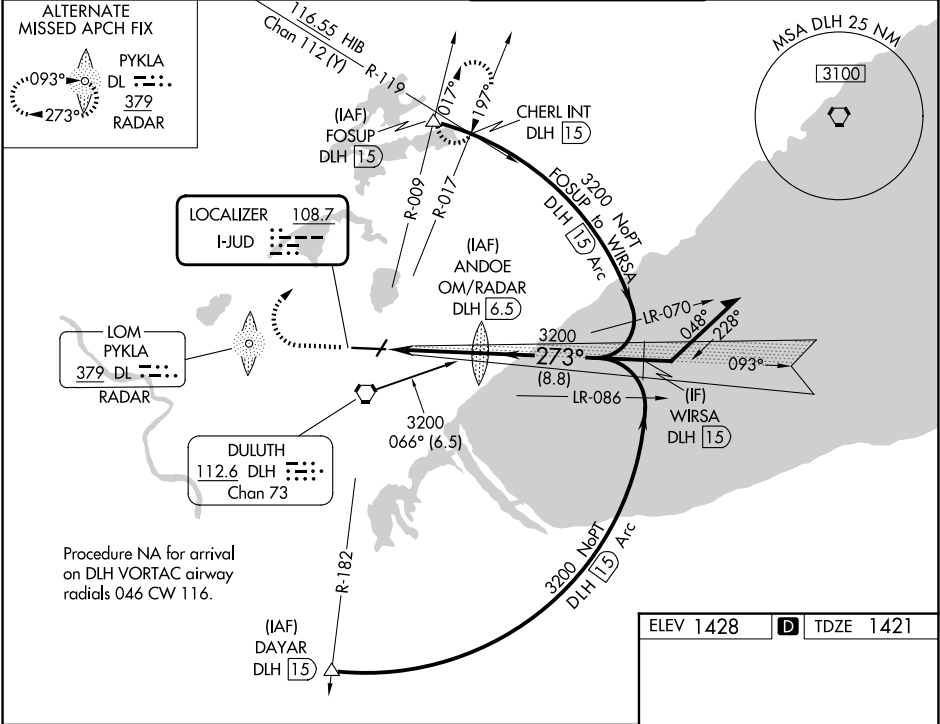
LOC I-JUD	APP CRS	Rwy Ldg	10062
108.7	273°	TDZE	1421
		Apt Elev	1428

ILS or LOC RWY 27

DULUTH INTL (DLH)

DME or RADAR required for procedure entry.	MALSR	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.
ASR		

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



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)	
CIRCLING	1880-1 452 (500-1)	1900-1 472 (500-1)	1940-1½ 512 (600-1½)	2400-3	972 (1000-3)

ELEV 1428	D	TDZE 1421			
The diagram shows a plan view of an airport. Runway 9 is a horizontal line with a dashed centerline and a solid edge, labeled '10591 X 150'. Runway 21 is a solid line perpendicular to Runway 9. Runway 3 is a solid line parallel to Runway 21. Runway 27 is a solid line parallel to Runway 3. A tower (TWR) is located near the intersection of Runways 9 and 21. A compass rose indicates a heading of 273°. Various navigational aids are marked with symbols: a circle with a dot (VOR/DME), a circle with a cross (ILS), and a circle with a star (MALS).					
TDZ/CL Rwy 9					
REIL Rwys 3 and 21					
HIRL Rwys 9-27					
MIRL Rwys 3-21					
FAF to MAP 5.2 NM					
Knots	60	90	120	150	180
Min:Sec	5:12	3:28	2:36	2:05	1:44