

LOC I-DLH <u>110.3</u>	APP CRS 093°	Rwy Idg 10062 TDZE 1428 Apt Elev 1428
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ILS or LOC RWY 9
DULUTH INTL (DLH)

T Circling NA for Cat E southeast of Rwy 3-27. ADF or RADAR
A required. For inop ALS, increase S-ILS 9 Cat E visibility to RVR
ASR 4000 and S-LOC 9 Cat C/D/E visibility to 1½ SM.

ALSF-2



MISSED APPROACH: Climb to 3000 then climbing left turn to 4500 on heading 320° and on DLH VORTAC R-017 to CHERL INT/DLH 15 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
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ALTERNATE
MISSED APCH FIX



ADF or RADAR REQUIRED

116.55 HLL
Chan 116

DLH 15

4-110

— LOM/IAF —
PYKLA
379 DL ::.

LOCALIZER 110.3

MSA DL 23 NM

3100



DULUTH
112.6 DLH 
Chn 73

ELEV 1428	D	TDZE 1428
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TDZ/CL Rwy 9
REIL Rwy 3 and 21
HIRL Rwy 9-27
MIRL Rwy 3-21

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

One Minute Holding Pattern

DL
PYKLA LOM

3000	4500
↑	hdg 320°

$$\frac{\text{GS } 3.00^\circ}{\text{TCH } 59}$$

5.4 NM 0.2

CATEGORY	A	B	C	D	E
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S-ILS 9	1628/18 200 (200-½)
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S-LOC 9	1960/24 532 (600-½)	1960/55 532 (600-1)
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CIRCLING 1960-1 532 (600-1) 1960-1½ 2400-3 972 (1000-3)

FAF to MAP 5.6 NM

Knots	60	90	120	150	180
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DULUTH, MINNESOTA

Amdt 22B 19JUL18

46°51'N-92°12'W

DULUTH INTL (DLH)

ILS or LOC RWY 9