LOC/DME I-DSM	APP CRS	Rwy Ldg	9001
110.3	311°	TDZE	958
Chan 40		Apt Elev	958

ILS RWY 31 (SA CAT I)
DES MOINES INTL (DSM)

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

MISSED APPROACH: Climb to 1600 then climbing left turn to 3000 on heading 180° and on DSM VORTAC R-254 to MIDLE INT/12 DME and hold.

ATIS	DES MOINES APP CON	DES MOINES TOWER	GND CON
119.55	123.9 307.15	118.3 257.8	121.9 348.6

ALTERNATE MISSED APCH FIX

079° 259° 112.5 TNU R-259 Chan 72 ANKEN TNU 22

ANKEN TNU 22

Procedure NA for arrival on TNU VOR/DME airway radials 227 CW 259.

MSA DSM 25 NM
150° 4000 240° 3200

LOCALIZER 110.3 I-DSM Chan 40

NEWTON 112.5 TNU Chan 72

3000 214° (27.9)

116.7 LMN Chan 114 R-356

IM

FOREM INT I-DSM 6

R-214

R-044

2400 311° (6)

MIDLE DSM 12

R-254

3000 094° (7.7)

131° 1 min 311°

R-094

074° 254°

DES MOINES 117.5 DSM Chan 122

(IF/IAF) CYCLN INT I-DSM 11.9

Procedure NA for arrival on DSM VORTAC airway radials 042 CW 141.

ELEV 958 D TDZE 958

TWR

23 5 0.3% UP 0.7% DOWN 9001 X 150 9004 X 150 0.4% UP

1600	3000 hdg 180°	DSM R-254	MIDLE

One Minute Holding Pattern

CYCLN INT I-DSM 11.9

FOREM INT I-DSM 6

131° 311° 3000

2400 311° 2400

IM

GS 3.00° TCH 52

1103' 4.4 NM 6 NM

CATEGORY	A	B	C	D
S-ILS 31	RA 159/14 150 DA 1108			

REIL Rwy 23
TDZL/RCLS Rwy 31
HIRL Rwys 13-31 and 5-23

SA CATEGORY I ILS-SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NC-3, 26 NOV 2026 to 24 DEC 2026
NC-3, 26 NOV 2026 to 24 DEC 2026