LOC/DME I-DSM	APP CRS	Rwy Idg	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	CLNC DEL
119.55	123.9 307.15	118.3 257.8	121.9 348.6	134.15 317.55

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° 2800

LOCALIZER 110.3 I-DSM Chan 40

2004

NEWTON 112.5 TNU Chan 72

3000 214° (27.9)

1456 1106 1059 IM 1065

116.7 LMN Chan 114 R-356

FOREM INT I-DSM 6

R-214 R-044 2400 311° (6) 3000 094° (7.7) R-254

MIDLE DSM 12

074° 254°

1 min 131° 311° R-094

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 1048

0.3% UP 0.7% DOWN 9001 X 150 9004 X 150 0.4% UP 13 23 5 31

1600 3000 hdg 180° DSM R-254 MIDLE

One Minute Holding Pattern

CYCLN INT I-DSM 11.9 131° 311° 3000

FOREM INT I-DSM 6 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 Rwys 5 and 23
TDZ/CL Rwy 31
HIRL Rwys 13-31 and 5-23

SA CATEGORY I ILS-SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

NC-3, 18 APR 2024 to 16 MAY 2024
NC-3, 18 APR 2024 to 16 MAY 2024