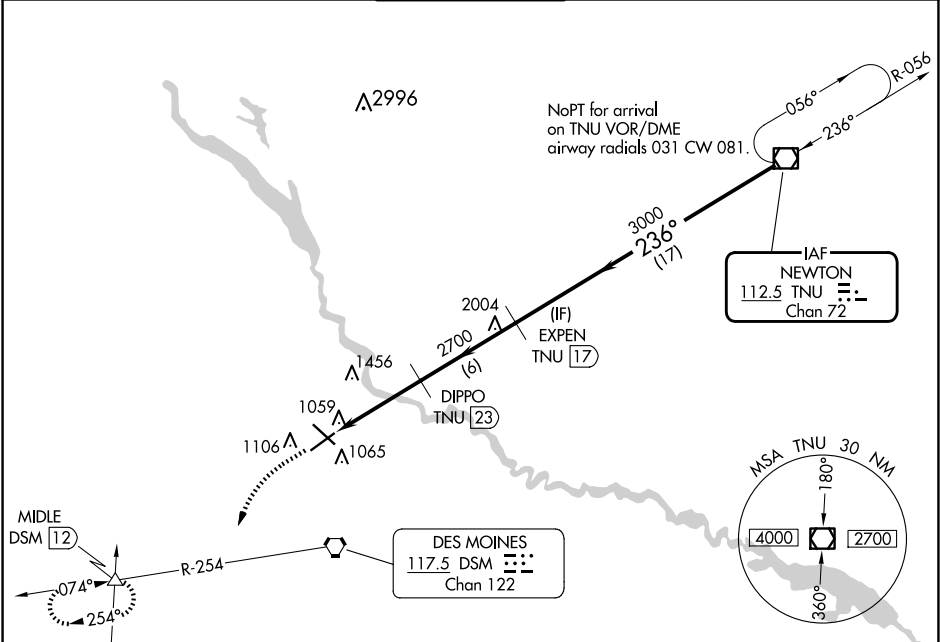


VOR/DME TNU	APP CRS	Rwy Idg	9004
112.5	236°	TDZE	939
Chan 72		Apt Elev	958

VOR RWY 23
DES MOINES INTL (DSM)

DME required.	MISSED APPROACH: Climb to 2000 then climbing left turn to 3000 on heading 200° and on DSM VORTAC R-254 direct MIDDLE INT/DSM 12 DME and hold.
 Rwy 23 helicopter visibility reduction below 3/4 SM NA.	

ATIS 119.55	DES MOINES APP CON 123.9 307.15	DES MOINES TOWER 118.3 257.8	GND CON 121.9 348.6	CLNC DEL 134.15 317.55
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116.7 MHz

R-356

Chan 114

2000

↑

3000

hdg
200°

DSM

R-254

MIDDLE

△

EXPEN

TNU

17

TNU

VOR/DME

DIPO

TNU

23

TNU

28.5

≤ 2.95°

TCH 56

2700

236°

3000

5.5 NM

6 NM

17 NM

CATEGORY	A	B	C	D
S-23	1720-1 781 (800-1)	1720-1¼ 781 (800-1¼)	1720-2½ 781 (800-2½)	781 (800-2½)
CIRCLING	1720-1 762 (800-1)	1720-1¼ 762 (800-1¼)	1720-2½ 762 (800-2½)	1760-2½ 802 (900-2½)

ELEV 958

TDZE 939

5-1

AS

0.3% UP

0.7% DOWN

TWR 1048

236°

8001 X 150

9004 X 150

10.4% UP

AS

AS

AS

AS

REIL Rwy 5 and 23

TDZ/CL Rwy 31

HIRL Rwy 13-31 and 5-23