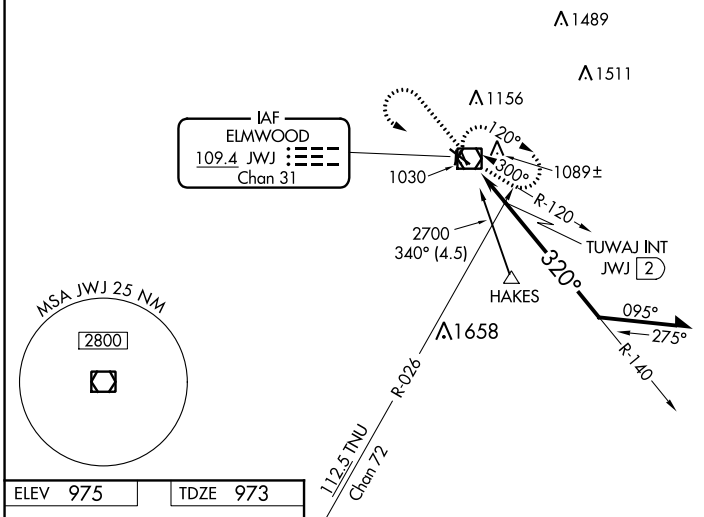
VOR/DME JWJ	APP CRS	Rwy Idg	5007
109.4	320°	TDZE	973
Chan 31		Apt Elev	975

VOR RWY 31
MARSHALLTOWN MUNI (MIW)

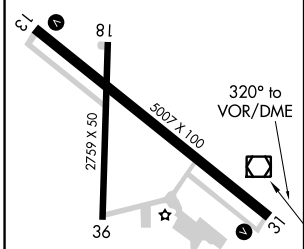
When local altimeter setting not received, use Grinnell altimeter setting and increase all MDA 80 feet; increase S-31 Cat C visibility ¼ SM, Circling Cat C visibility ⅛ SM, and Circling Cat D visibility ¼ SM, and increase TUWAJ fix minimums Cat C visibility ⅜ SM, Cat D visibility ⅛ SM, and Circling Cat D visibility ¼ SM. Circling Rwy 18, 36 NA at night.

MISSED APPROACH: Climb to 2700 then left turn direct JWJ VOR/DME and hold.

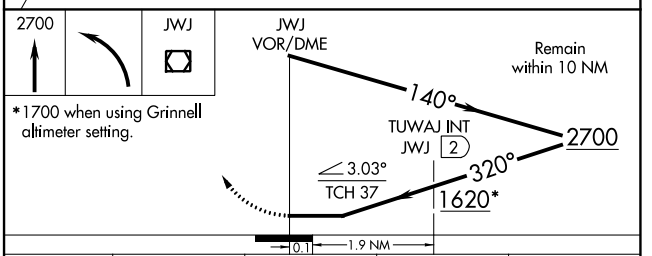
ASOS	WATERLOO APP CON ★	CLNC DEL	UNICOM
128.325	120.9	120.9	122.8 (CTAF) L



ELEV 975 TDZE 973



MIRL Rwys 13-31 and 18-36 L
REIL Rwys 13 and 31 L



CATEGORY	A	B	C	D
S-31	1620-1 647 (700-1)		1620-1¾ 647 (700-1¾)	1620-2 647 (700-2)
C CIRCLING	1620-1 645 (700-1)		1620-1⅞ 645 (700-1⅞)	1840-2¾ 865 (900-2¾)
TUWAJ FIX MINIMUMS				
S-31	1360-1 387 (400-1)			1360-1¼ 387 (400-1¼)
C CIRCLING	1400-1 425 (500-1)	1440-1 465 (500-1)	1460-1½ 485 (500-1½)	1840-2¾ 865 (900-2¾)

NC-3, 16 JUN 2022 to 14 JUL 2022
NC-3, 16 JUN 2022 to 14 JUL 2022