

WAAS CH 48936 W31A	APP CRS 306°	Rwy Idg TDZE Apt Elev	5007 973 975
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RNAV (GPS) RWY 31

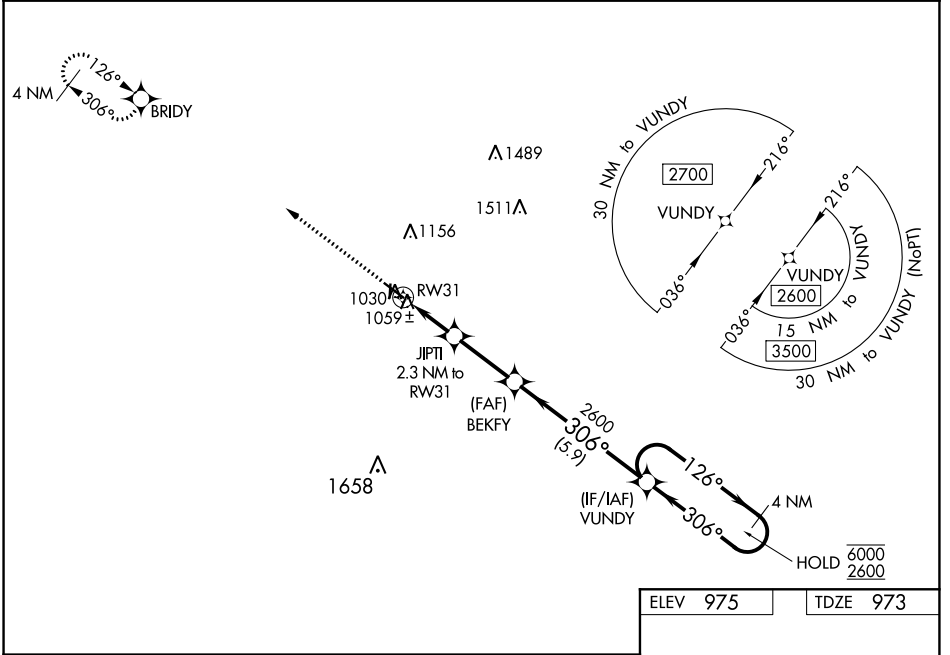
MARSHALLTOWN MUNI (MIW)

RNP APCH.

▼ Baro-VNAV and VDP NA when using Grinnell altimeter setting. Rwy 31 Helicopter visibility reduction below 3/4 SM NA. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -22°C or above 54°C. When local altimeter setting not received, use Grinnell altimeter setting and increase all DA 64 feet and all MDA 80 feet; increase LPV and LNAV/VNAV all Cats visibility 1/8 SM and LNAV Cats C/D and Circling Cat D visibility 1/4 SM. Circling Rwy 18, 36 NA at night.

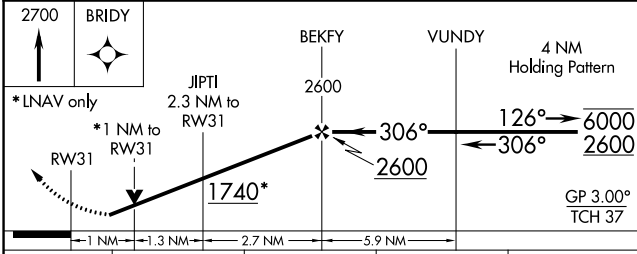
▲ MISSED APPROACH: Climb to 2700 direct BRIDY and hold.

ASOS 128.325	WATERLOO APP CON * 120.9	CLNC DEL 120.9	UNICOM 122.8 (CTAF) 0
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NC-3, 09 SEP 2021 to 07 OCT 2021

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ELEV 975	TDZE 973
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Terminal area diagram showing runways 13-31 and 18-36, taxiway 37, and various navigational aids. Dimensions include 2759 x 50 and 5007 x 100. MRL Rwy 13-31 and 18-36, REIL Rwy 13 and 31.

CATEGORY	A	B	C	D
LPV DA		1223-1	250 (300-1)	
LNAV/ VNAV DA		1223-1	250 (300-1)	
LNAV MDA		1320-1	347 (400-1)	
C CIRCLING	1400-1 425 (500-1)	1440-1 465 (500-1)	1460-1½ 485 (500-1½)	1840-2¾ 865 (900-2¾)