

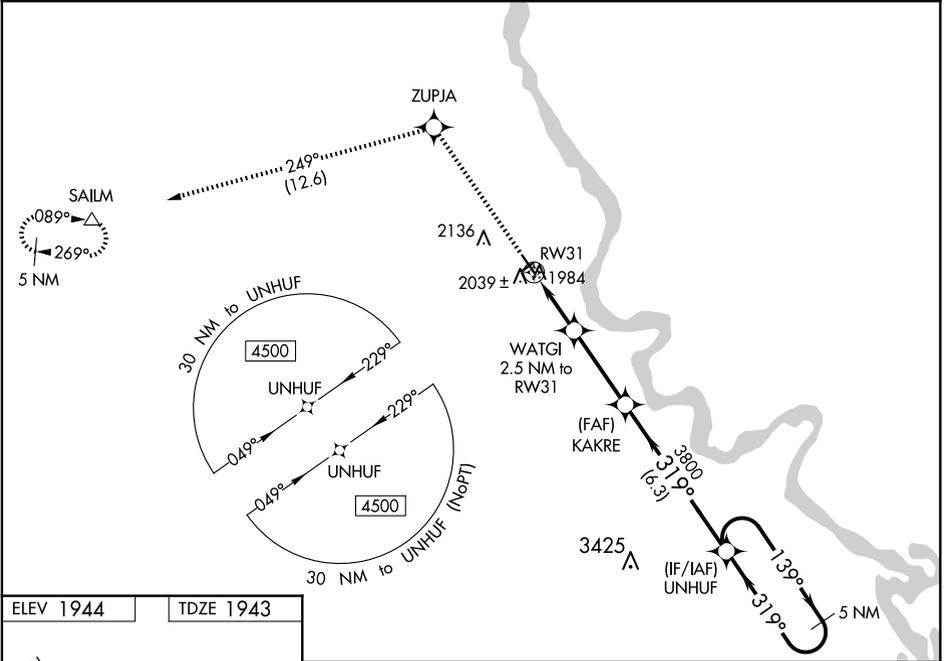
WAAS CH 93731 W31A	APP CRS 319°	Rwy Ldg TDZE 1943 Apt Elev 1944	4399
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RNAV (GPS) RWY 31
MANDAN RGNL/LAWLER FLD (Y19)

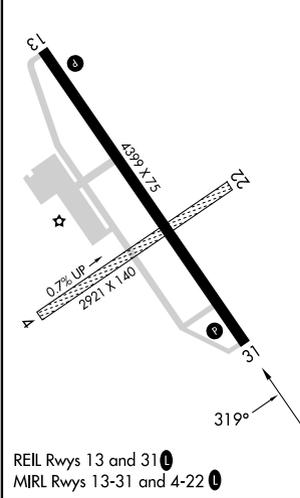
ASR Baro-VNAV NA when using Bismarck altimeter setting. For uncompensated Baro-VNAV systems, LNAV/VNAV NA below -18°C (0°F) or above 54°C (130°F). DME/DME RNP-0.3 NA. When local altimeter setting not received, use Bismarck altimeter setting and increase all DA 54 feet and LNAV/VNAV all Cats visibility 1/8 mile, increase all MDA 60 feet and LNAV Cat C/D visibility 1/8 mile and Circling Cat D 1/4 mile. Helicopter visibility reduction below 3/4 SM NA. Circling to Rwy's 4 and 22 NA.

MISSED APPROACH: Climb to 4600 direct ZUPJA and on track 249° to SAILM and hold.

AWOS-3 118.225	BISMARCK APP CON * 126.3 298.9	UNICOM 122.8 (CTAF) 0
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ELEV 1944	TDZE 1943
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4600	ZUPJA	tr 249°	SAILM	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 25).	5 NM Holding Pattern
*LNAV only.	WATGI 2.5 NM to RW31	KAKRE	UNHUF	3800	4500
RW31	2780*	3800	319°	139°	GP 3.00° TCH 45
-2.5 NM		-3.2 NM		-6.3 NM	
CATEGORY	A	B	C	D	
LPV DA	2193-1		250 (300-1)		
LNAV/VNAV DA	2220-1		277 (300-1)		
LNAV MDA	2300-1		357 (400-1)		
C CIRCLING	2360-1 416 (500-1)	2460-1 516 (600-1)	2460-1½ 516 (600-1½)	2560-2 616 (700-2)	