

WAAS CH 77821 W31A	APP CRS 304°	Rwy Idg TDZE Apt Elev	6401 3895 3933
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RNAV (GPS) RWY 31

BLACK HILLS-CLYDE ICE FLD (SPF')

RNP APCH.		MISSED APPROACH: Climb to 7000 direct DRACO and hold.	
Circling NA to Rwy 4, 8, 22 and 26.			
AWOS-3 118.325	ELLSWORTH APP CON 119.5 259.1	GCO 121.725	UNICOM 122.7 (CTAF) 0

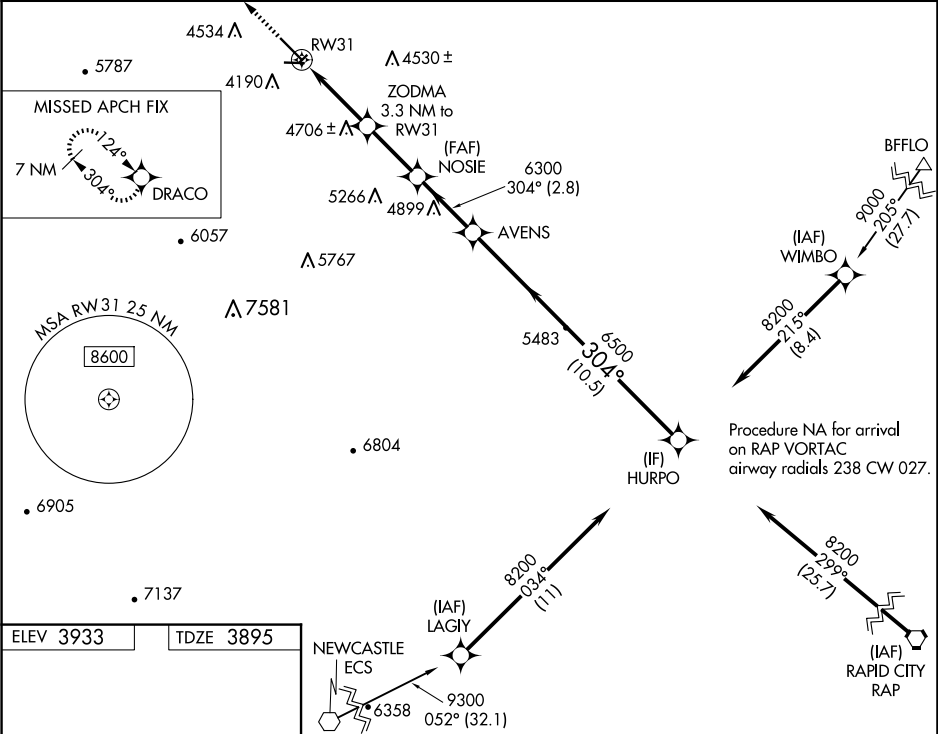


Diagram illustrating runway dimensions and elevation data for Runway 13-31. The runway is 4003 x 100m with a 0.8% UP slope. The taxiway (26) is 26 x 120m. The elevation at the runway end is 6401 x 75. A 304-degree angle is indicated between the runway and taxiway. A 1.9% UP slope is shown for a section of the taxiway.

MRL Rwy 13-31

7000 ↑ DRACO ✦	VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 50).		HURPO 8200	
LNAV only RW31	ZODMA 3.3 NM to RW31 5260	NOSIE 6300	AVENS 6500	GP 3.77° TCH 50
3.3 NM 2.6 NM 2.8 NM 10.5 NM	304°			
CATEGORY	A	B	C	D
LPV DA	4281-1½ 386 (400-1½)			NA
LNAV MDA	4860-1¼ 965 (1000-1½)	4860-1½ 965 (1000-1½)	4860-3 965 (1000-3)	NA
CIRCLING	4860-1¼ 927 (1000-1½)	4860-1½ 927 (1000-1½)	5540-3 1607 (1700-3)	NA