

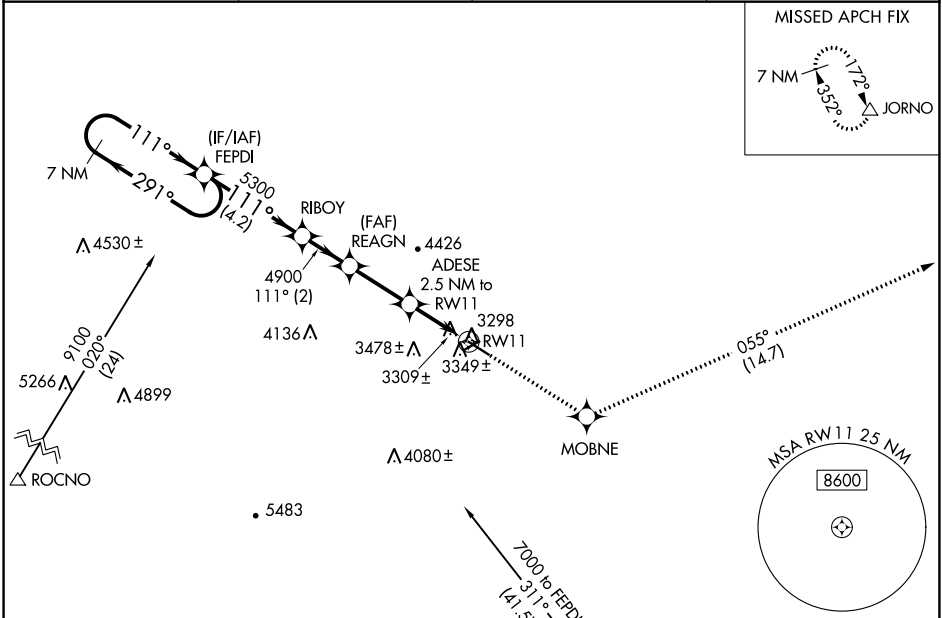
WAAS CH 53432 W11A	APP CRS 111°	Rwy Idg TDZE Apt Elev	5100 3244 3255
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RNAV (GPS) RWY 11

STURGIS MUNI (49B)

RNP APCH.		MISSED APPROACH: Climb to 7000 direct MOBNE and on track 055° to JORNO and hold.	
▼ ▲ NA Use Ellsworth AFB altimeter setting; when not received, use Spearfish altimeter setting and increase all MDA 100 feet, increase LP Cat C visibility ¾ SM and LNAV Cat C visibility ¼ SM. Rwy 11 helicopter visibility reduction below ¾ SM NA.			

AWOS-3P 119.275	ELLSWORTH APP CON ★ 119.5 259.1	GCO 121.725	UNICOM 122.8 (CTAF) 0
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Procedure NA for arrivals at RAP VORTAC on airway radials 238 CW 027.

VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 22).				7000 ↑	MOBNE ✦	tr 055°	JORNO △
7 NM Holding Pattern				FEPDI	RIBOY	REAGN	ADESE 2.5 NM to RW11
6600 ← 291° 111° →				5300	4900	4080	RW11
				4.2 NM	2 NM	2.5 NM	2.5 NM
CATEGORY	A	B	C	D			
LP MDA	3620-1		376 (400-1)		NA		
LNAV MDA	3660-1 416 (500-1)		3660-1 ¼ 416 (500-1 ½)		NA		

MIRL Rwy 11-29

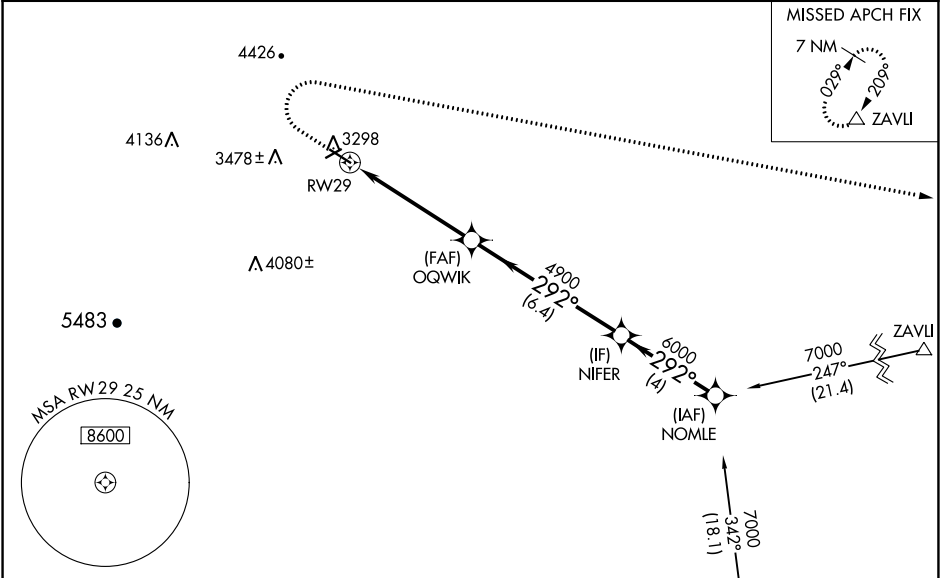
WAAS CH 90321 W29A	APP CRS 292°	Rwy Idg TDZE Apt Elev	5100 3231 3255
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RNAV (GPS) RWY 29

STURGIS MUNI (49B)

RNP APCH.	Baro-VNAV NA. Use Ellsworth AFB altimeter setting, when not received, use Spearfish altimeter setting and increase all DA 87 feet and all MDA 100 feet and increase LPV Cat A/B visibility ½ mile, and LPV (with climb gradient) Cat C visibility ½ mile. *Missed approach requires minimum climb of 364 feet per NM to 4900.	MISSED APPROACH: Climb to 3700 then climbing right turn to 7000 direct ZAVU and hold.
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AWOS-3P 119.275	ELLSWORTH APP CON ★ 119.5 259.1	GCO 121.725	UNICOM 122.8 (CTAF) 0
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ELEV 3255	TDZE 3231
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Diagram of MRL Rwy 11-29 showing various approach paths and altitudes. The runway is oriented 292°. Key altitudes and distances include: 3580 x 120, 5100 x 75, 0.8% UP, 0.7% UP, and 292°.

Procedure NA for arrivals at RAP VORTAC on airway radials 252 CW 072.

3700 7000 ZAVU

VGSI and RNAV glidepath not coincident (VGSI Angle 3.00/TCH 29).

NOMLE

NIFER

OQWIK

RW29

4900 4900

292° 7000

GP 3.00° TCH 50

5.2 NM 6.4 NM 4 NM

CATEGORY	A	B	C	D
LPV DA*	3532-1 301 (300-1)			NA
LPV DA	3532-1 301 (300-1)		4073-3 842 (900-3)	NA
LNNAV/VNAV DA	3532-1 301 (300-1)		3986-3 755 (800-3)	NA
LNNAV MDA	3640-1 409 (400-1)		4280-3 1049 (1100-3)	NA

MRL Rwy 11-29

MIRL Rwy 11-29 0