

LOC/DME I-RAP
109.3
Chan **30**

APP CRS
324°

Rwy Ldg
TDZE
Apt Elev
8701
3160
3204

ILS or LOC RWY 32
RAPID CITY RGNL (RAP)

DME and RNAV 1-GPS required. ILS glideslope unusable for coupled approaches below 3360. For inop ALS, increase S-ILS Cat E visibility to RVR 4000 and S-LOC Cat E visibility to 1½ SM. # RVR 1800 authorized with use of FD or AP or HUD to DA.

MALSR

MISSED APPROACH: Climb to 3700 then climbing right turn to 5500 direct HELTA and hold.

ASOS 118.525	ELLSWORTH APP CON ★ 119.5 259.1	RAPID CITY TOWER ★ 125.85 (CTAF) 0 257.8	GND CON 121.9	UNICOM 122.95
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RNAV 1-GPS or RADAR REQUIRED

Ellsworth AFB

LOCALIZER 109.3
I-RAP
Chan 30

YAVUC I-RAP 7.3

5000

(IF/IAF) HELTA I-RAP 13.3

144°

144°

30 NM to HELTA 9400

10 NM to HELTA 5500

HELTA

054°

234°

10 NM to HELTA 5500

054°

234°

30 NM to HELTA (NoPT) 8500

ELEV 3204 TDZE 3160

0.6% DOWN

3601 X 75

0.8% UP

8701 X 150

0.5% UP

TWR

32°

REIL Rwy 14

MIRL Rwy 5-23

HIRL Rwy 14-32

3700	5500	HELTA I-RAP 13.3	Use I-RAP DME when on the LOC course.		
* LOC only.		YAVUC I-RAP 7.3	HELTA I-RAP 13.3	One Minute Holding Pattern	
* I-RAP 2.9		5000	144°	5500	GS 3.00° TCH 54
I-RAP 1.6		5000	324°	5500	
1.3 NM		4.4 NM	6 NM		
CATEGORY	A	B	C	D	E
S-ILS 32 #	3360/24 200 (200-½)				
S-LOC 32	3620/24	460 (500-½)	3620/45	460 (500-¾)	
CIRCLING	3660-1 456 (500-1)	3840-1 636 (700-1)	3860-1¾ 656 (700-1¾)	3940-2¼ 736 (800-2¼)	3960-2¾ 756 (800-2¾)