RAPID CITY, SOUTH DAKOTA

ILS or LOC Y RWY 31

ELLSWORTH AFB (KRCA)

LOC I-RCA	APCH CRS	Rwy ldg / TDZE / Arpt Elev
110.3	310°	13,497 / 3192 / 3276

AL-343 [USAF]

* When ALS inop, increase RVR to 40 and vis to ¾ mile.
** When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1¾ miles.

ALSF-1

MISSED APPROACH: Track outbound RCA R-310 to 3 DME (APOGE), then turn right to join RCA R-043 outbound to RCA 15 DME (RUUSH) and hold. Maintain 6000.

ATIS ★	ELLSWORTH APP CON	ELLSWORTH TOWER ★	GND CON
120.625 269.9	119.5 259.1	126.05 253.5	121.8 275.8

*** CAT E circling restricted to 28th BW aircraft only; 28th BW aircraft will remain within Class D airspace.

RCA 25
043°
R-043
223°
(IAF)
RUUSH
RCA 15
RCA 15 Arc
R-310
LOCALIZER 110.3
I-RCA
APOGE
RCA 3
3729
3550
ELLSWORTH
Chan 25 RCA
3539
CURPI
/RADAR
RCA 6.3
Rapid City
Regional
310°
LR-121
130°
(IF)
MEXIE
RCA 15

MSA RCA 25 NM
148°
4700
8000
058°
8400
328°

RADAR or DME REQUIRED

EMERG SAFE ALT 100 NM 9800

APOGE RCA R-310 3	6000 RCA R-043	RUUSH RCA 15

† LOC Only

VGSI and ILS glidepath not coincident (VGSI Angle 3.00 TCH 70).

TACAN
OPOGE 1.3
†2.5
CURPI /RADAR 6.3
310°
5000
MEXIE Intcp Lczr 15
6000
Arc 15
RUUSH R-043 15
6000
GS 3.00° TCH 54
.5 NM
5 NM

ELEV 3276 | TDZE 3192

HIRL Rwy 13-31

13
13,497 x 300
0.7% UP
31
3348
TWR
310° 5.5 NM from FAF

CATEGORY	A	B	C	D	E
S-ILS 31 *	3392/24		200 (200-½)		
S-LOC 31 **	3800/24 608 (600-½)		3800-1⅜ 608 (600-1⅜)		
*** C CIRCLING	3860-1 584 (600-1)	3880-1 604 (700-1)	3880-1¾ 604 (700-1¾)	3980-2¼ 704 (800-2¼)	4040-2¾ 764 (800-2¾)

FAF to MAP 5 NM

Knots	60	90	120	150	180
Min:Sec	5:00	3:20	2:30	2:00	1:40

NC-1, 16 JUL 2020 to 13 AUG 2020
NC-1, 16 JUL 2020 to 13 AUG 2020