

ILS or LOC Y RWY 13

LOC I-ELR 111.5	APCH CRS 130°	Rwy Idg 13,497 TDZE 3276 Arprt Elev 3276	[USAF]
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ELLSWORTH AFB (KRCA)

RADAR or DME required.

**When ALS inop, increase RVR to 40 and vis to $\frac{3}{4}$ mile.
 ***When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to $\frac{1}{8}$ miles.
 ***CAT E circling restricted to 28th BW aircraft only;
 28th BW aircraft will remain within Class D airspace.

ATIS ★
120.625 269.9

APP CON
119.5 259.1

TOWER ★
126.05 253.5

GND CON
121.8 275.8

5243
EMERG SAFE ALT 100 NM 9800

VGSI and ILS glidepath not coincident (VGSI Angle 3.00 TCH 62).

CATEGORY	A	B	C	D	E
S-ILS 13 *	3476/24		200	(200- $\frac{1}{2}$)	
S-LOC 13 **	3780/24	504 (600- $\frac{1}{2}$)	3780/55	504	(600-1)
CIRCLING ***	3860-1 584 (600-1)	3880-1 604 (700-1)	3880-1 $\frac{3}{4}$ 604 (700-1 $\frac{3}{4}$)	3980-2 $\frac{1}{4}$ 704 (800-2 $\frac{1}{4}$)	4040-2 $\frac{3}{4}$ 764 (800-2 $\frac{3}{4}$)

3348 ☆

HIRL Rwy 13-31

FAF to MAP 5.3 NM					
Knots	60	90	120	150	180
Min:Sec	5:18	3:32	2:39	2:07	1:46