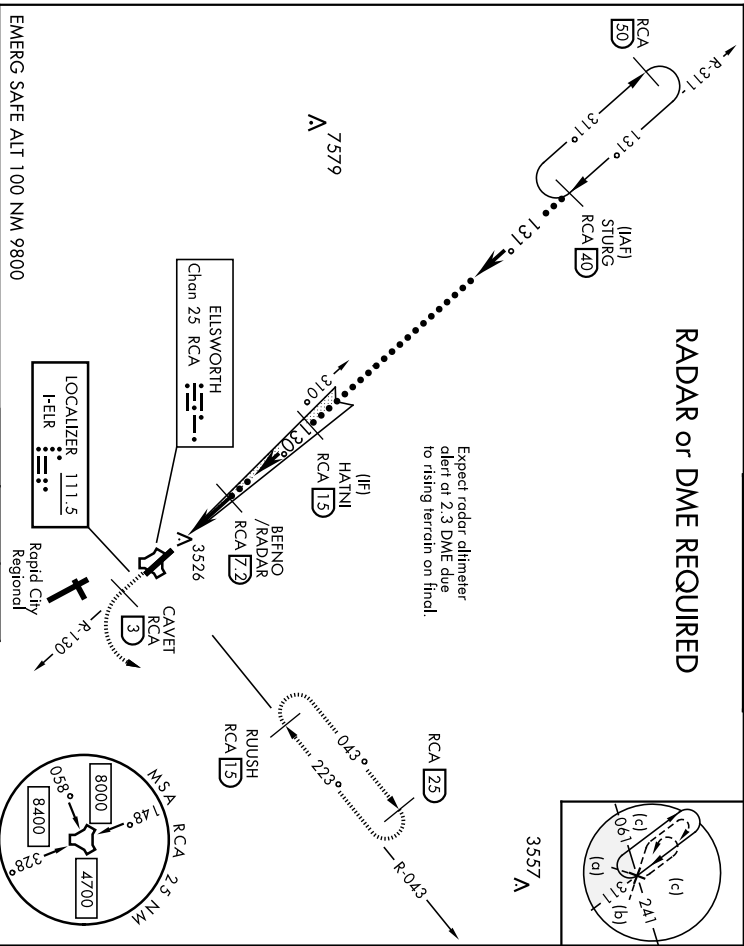


JAL-343 [USAF]

ELLSWORTH AFB (KRCA)

LOC 1-ER	APCH CRS	Rwy log	13,497	JAL-343 [USAF]	ELLSWORTH AFB (KRCA)
111.5	130°	TIDE Appl Elev	3276 3276		
▲ When ALS inop, increase RVR to 40 and vis to ¾ mile. ** When ALS op, increase vis to 1 ½ miles. *** CAT E circling restricted to 28 BW circuit only. 28 BW circuit will remain within Class D airspace.					
ATIS ★	ELLSWORTH APP CON	ELLSWORTH TOWER ★	GND CON		
120.625	269.9	119.5 259.1	126.05 253.5	121.8	275.8

RADAR or DME REQUIRED



EMERG SAFE ALT 100 NM 9800

[illegible]

RAPID CITY, SOUTH DAKOTA

44°09'N-103°06'W

ELLSWORTH AFB (KRCA)

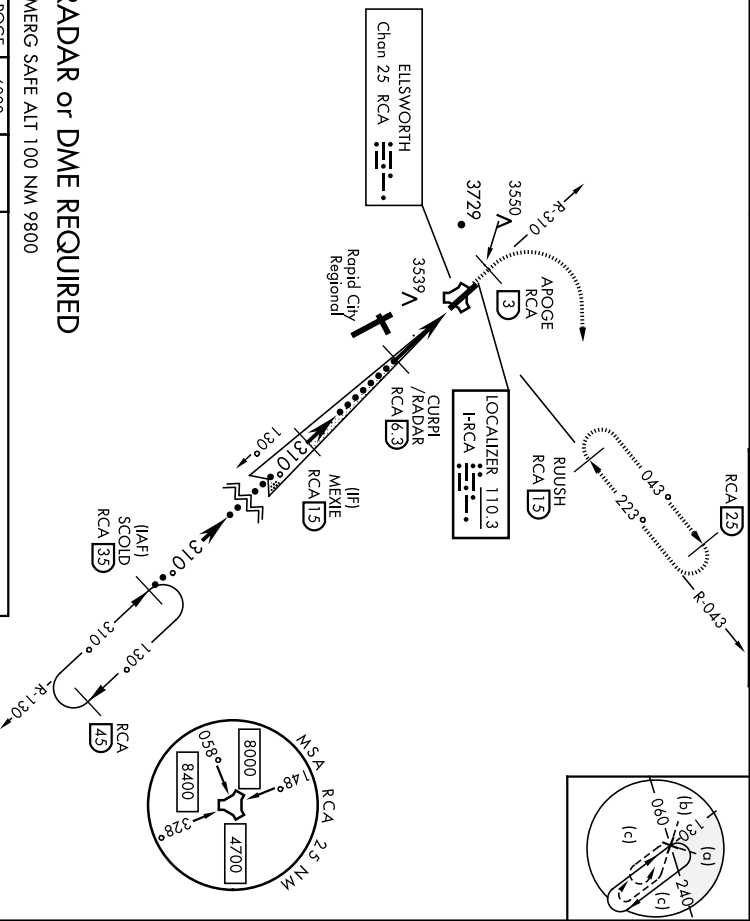
Amdt 1 15SEP16

HI-ILS or LOC Z RWY 13

HI-ILS or LOC Z RWY 31

ELLSWORTH AFB (KRCA)

LOC I-RCA 110.3	APCH CRS 310°	Rwy Log 13,497	TIDE 3192	Arpl Elev 3276	JAL-343 [USAF]	ELLSWORTH AFB (KRCA)
▲ When ALS inop, increase RVR to 400 yds to $\frac{1}{4}$ mile. ** When ALS inop, increase vis to 1$\frac{1}{2}$ miles. *** CAT E circling restricted to 28th BW aircraft only. *** 28th BW aircraft will remain within Class D airspace.					ALSF-1  MISSED APPROACH: Track outbound RCA R-310 to S DME (APGCE), then turn right to join RCA R-043 to 15 DME (RUSH) and hold. Maintain 6000.	
ATIS * 120.625 269.9	ELLSWORTH APP CON 119.5 259.1	ELLSWORTH TOWER * 126.05 253.5	GND CON 121.8 275.8			



NC-1, 22 FEB 2024 to 21 MAR 2024

NC-1, 22 FEB 2024 to 21 MAR 2024

[illegible]

44° 09' N - 103° 06' W

ELLSWORTH AFB (KRCA)

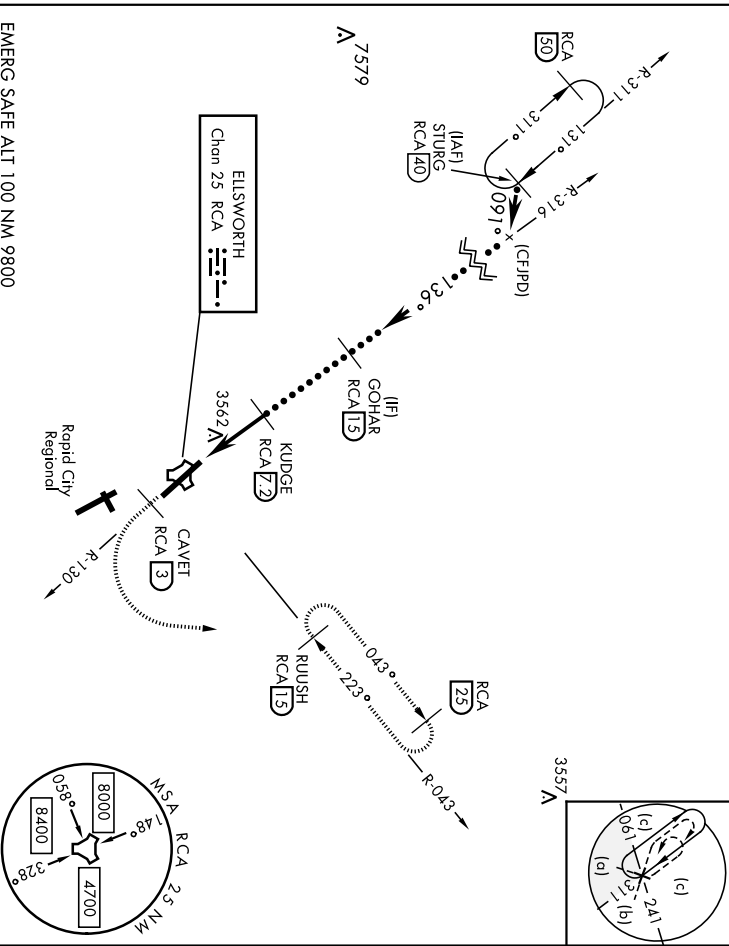
Amtdt 1 15SEP16

HI-ILS or LOC Z RWY 31

HI-ILS or LOC Z RWY 31

HI-TACAN Z RWY 13

TACAN RCA Chon 25		APCH CRS 136°	Rwy Idg TDZE 3276 APd Elev 3276	JAL-343 [USAF]	ELLSWORTH AFB (KRCA)
V When ALS inop, increase CAT IBE vis to 1 1/2 mile. ** CAT E circling restricted to 28th BW offset only; 28th BW offset will remain within Class D airspace.					
 ALSF-1 - 15 DME (RUSH) and hold. Maintain 6000.					
ATIS ★ 120.625 269.9		ELLSWORTH APP CON 119.5 259.1		ELLSWORTH TOWER ★ 126.05 253.5	
				GND CON 121.8 275.8	



STURC R-311 R-316 Incp R-316 (CFPD) FL190 091° 3.05° TCH 62 GOHAR 115 6000 5200 KUDGE Z2 TUTGE 119 TACAN 5.3 NM 5 NM			CATEGORY C D E	C 3820/60 544 (600-1%)	3880-1 3/4 604 (700-1%) 3980-2 1/4 704 (800-2%) 4040-2 3/4 764 (800-2%)	CAVET RCA R-130 3 6000 RCA R-043 15 RUUSH RCA 15	ELEV 3276	TDZE 3276
3.05° TCH 62 GOHAR 115 6000 5200 KUDGE Z2 TUTGE 119 TACAN 5.3 NM 5 NM			C D E	C 3820/60 544 (600-1%)	3880-1 3/4 604 (700-1%) 3980-2 1/4 704 (800-2%) 4040-2 3/4 764 (800-2%)	CAVET RCA R-130 3 6000 RCA R-043 15 RUUSH RCA 15	ELEV 3276	TDZE 3276

ELLSWORTH AFB (KRCA)

HI-TACAN Z RWY 13

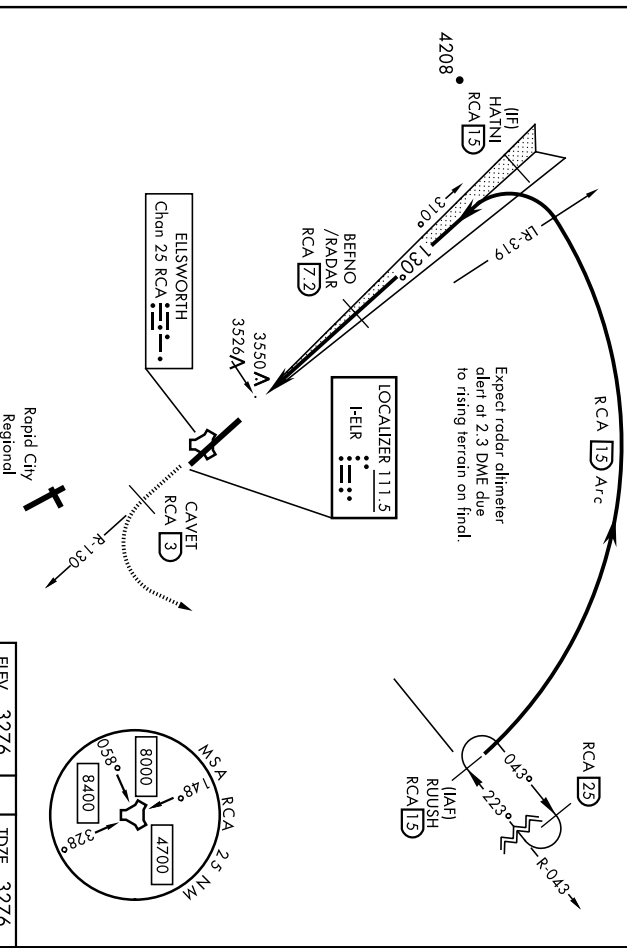
ILS or LOC Y RWY 13

ELSWORTH AFB (KRCA)

LOC I-ELR 111.5	APCH CRS 130°	Rwy Idg TDZE 3276 Appt Elev 3276	AL-343 [USAF]
▲ **When ALS inop, increase RVR to 40 and vis to ¼ mile. **When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1½ miles.			
ALSF-1 A1			
MISSED APPROACH: Track outbound RCA R-130 to 3 DME (CAVET), then turn left to join RCA R-043 to 1.5 DME (RUUSH) and hold. Maintain 6000.			

ATIS ★ 120.625 269.9	ELSWORTH APP CON 119.5 259.1	ELSWORTH TOWER ★ 126.05 253.5	GND CON 121.8 275.8
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*** CAT E circling restricted to 28th BW aircraft only;
28th BW aircraft will remain within Class D airspace.



RADAR or DME REQUIRED

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	(200-½)		
S-LOC 13 **	3780/24 504 (600-½)	3780/55 504 (600-1)			
*** CIRCLING	3860-1 584 (600-1)	3880-1 604 (700-1)	3880-1¾ 3980-2¼ 4040-2¾ 704 (800-2¼) 704 (800-2¼)		
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					

RAPID CITY, SOUTH DAKOTA

44°09'N-103°06'W

ELSWORTH AFB (KRCA)

And 1 135SEP16

ILS or LOC Y RWY 13

VORTAC RAP 112.3 Chan 70	APCH CRS 146°	Rwy Idg TDZE Arprt Elev	N/A N/A 3276
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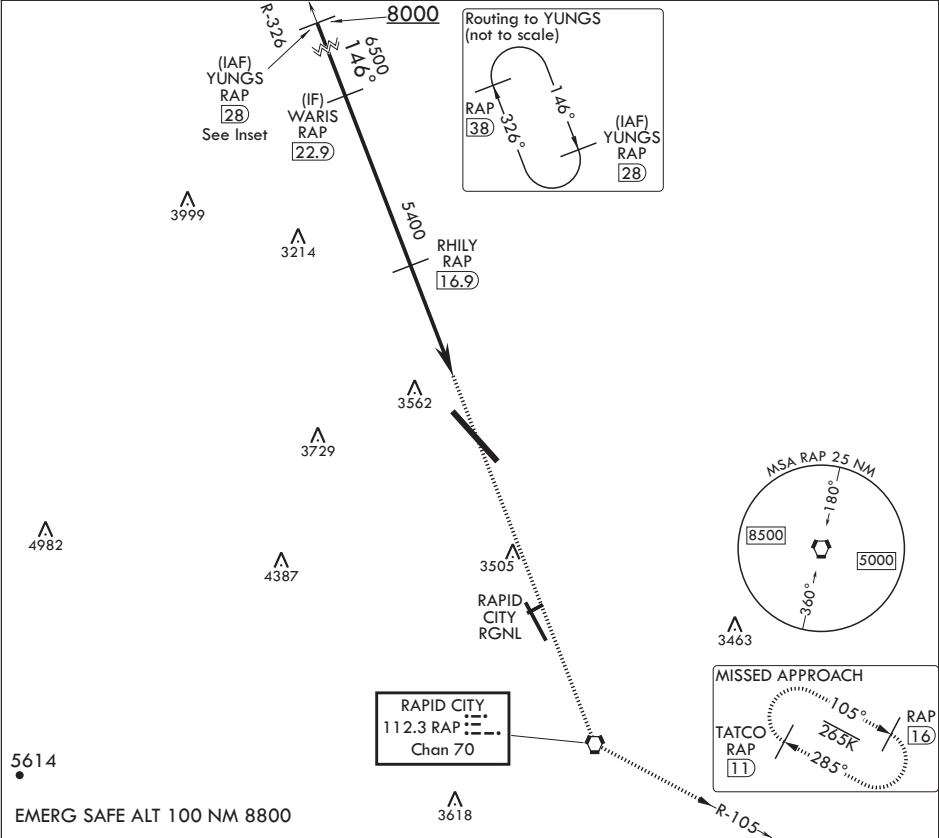
AL-343 (USAF)

ELLSWORTH AFB (KRCA)

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

MISSED APPROACH: Track inbound RAP R-326 to RAP VORTAC then turn left to join RAP R-105 outbound to 11 DME and hold. Maintain 6000.

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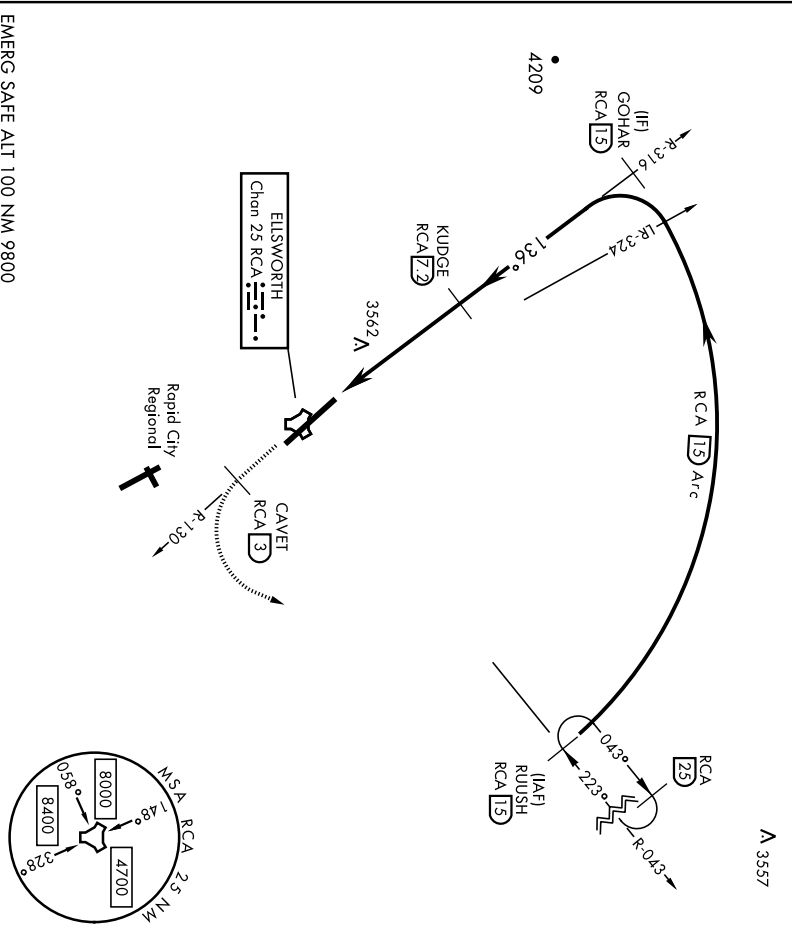


YUNGS 28	WARIS 22.9	RHILY 16.9	ZEVAK 13	VORTAC
8000	6500	5400	3505	
146°	2.91° ≥ TCH unk	3.9 NM		
6000 RAP R-326	RAP R-105	TATCO RAP 11	ELEV 3276	146° to VORTAC
CAT CIRCLING*	A 3860-1 3/8 584 (600-1 3/8)	B 3880-1 3/8 604 (700-1 3/8)	C 3880-1 1/4 604 (700-1 3/4)	D 3980-2 1/4 704 (800-2 1/4)
E 4040-2 3/4 764 (800-2 3/4)				

TACAN Y RWY 13

ELLSWORTH AFB (KRCA)

TACAN RCA Chon 25	APCH CRS 136°	Req'd Idg TDZE 3276 App'l Elev 3276	AL-343 [USAF]
*When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1 1/2 miles. **CAT E circling restricted to 28th BW aircraft only; 28th BW aircraft will remain within Class D airspace.			
ATIS *	ELLSWORTH APP CON	ELLSWORTH TOWER *	GND CON
120.625 269.9	119.5 259.1	126.05 253.5	121.8 275.8



EMERG SAFE ALT 100 NM 9800					
CATEGORY	A	B	C	D	E
S-13 *	3820/24	544 (600-½)	3820/60	544 (600-½)	
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)

RUUSH R-043 [15] 6000

GOHAR R-316 [15] 6000

KUDGE [7.2] 5200

CAVET RCA R-130 [3] 6000

CAVET RCA R-043 [15] 6000

RUUSH RCA [15]

TACAN

TWGE [9]

3.05° TCH 62

5.3 NM

5 NM

ELEV 3276

TDZE 3276

HIRL Rwy 13-31

TWR

3348

136° to TACAN

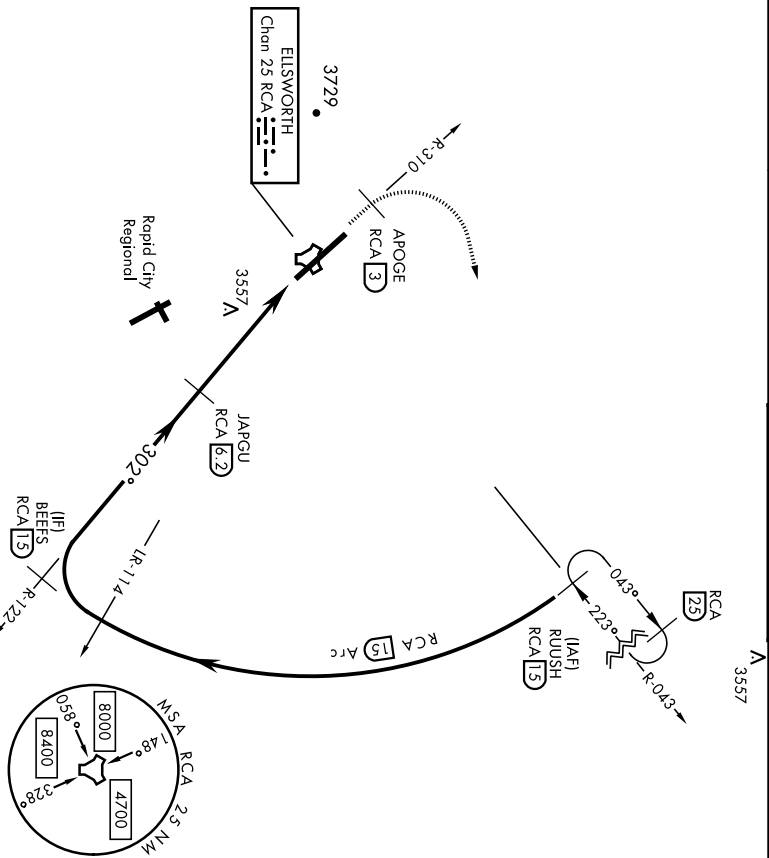
136° to TACAN

136° DOWN

0.25 NM

15°

TACAN RCA Chon 25	APCH CRS 302°	Rwy Idg TDZE Appl Elev 3192 3276	AL-343 [USAF]
* When ALS Inop, increase CAT AB RVR to 55 and vis to 1 mile, increase CAT CDE vis to 1½ mile. ** CAT E circling restricted to 28th BW aircraft only; 28th BW aircraft will remain within Class D airspace.		ALSf-1 A1	MISSED APPROACH: Track outbound RCA R-310 to 3 DME (APOGE), then turn right to join RCA R-043 to 15 DME (RUUSH) and hold. Maintain 6000.
ATIS *	ELSWORTH APP CON	ELSWORTH TOWER *	GND CON
120.625 269.9	119.5 259.1	126.05 253.5	121.8 275.8



EMERG SAFE ALT 100 NM 9800

CATEGORY	A	B	C	D	E
S-31*	3820/24 628 (600-½)		3820-13% 628 (600-1¾)		
** CIRCLING	3860-1 3880-1 584 (600-1)	3880-1 604 (700-1)	3880-17% 3980-2¼ 604 (700-1¾)	4040-2¾ 704 (800-2¼)	4040-2¾ 764 (800-2¾)

ELEV 3276

TDZE 3192