LOC/DME I-ANT	APP CRS	Rwy 13R ldg	8502	Rwy 13L ldg	5519
110.9	128°	TDZE	809	TDZE	797
Chan 46		Apt Elev	809	Apt Elev	809

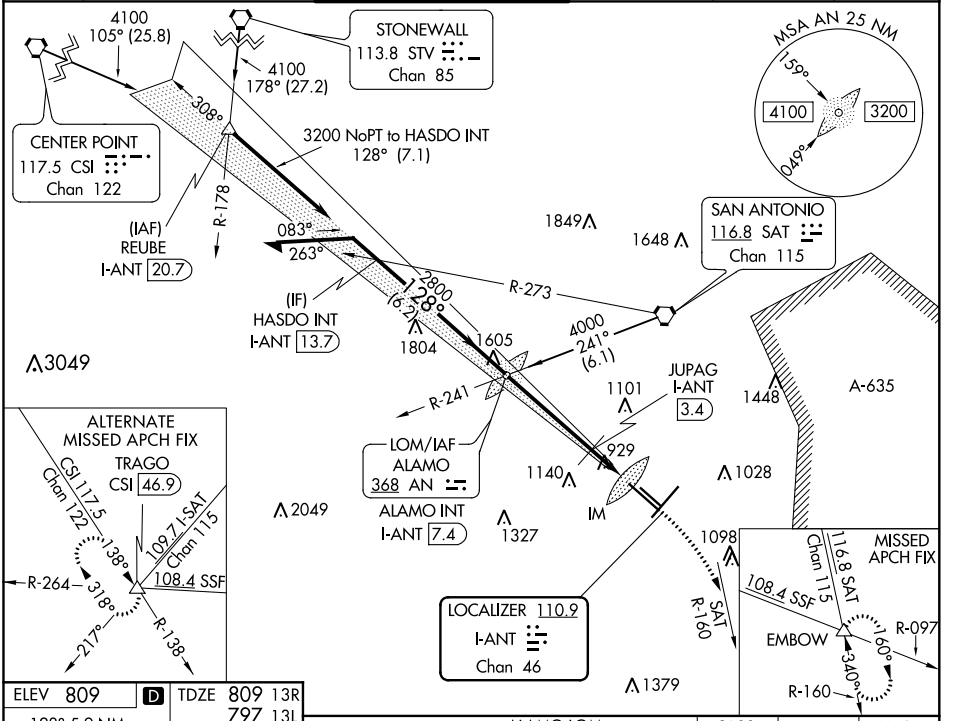
ILS or LOC RWY 13R
SAN ANTONIO INTL (SAT)

Circling NA west of Rwys 4 and 13R. For inop ALS, increase S-LOC 13R Cats C and D visibility to 1¾SM.

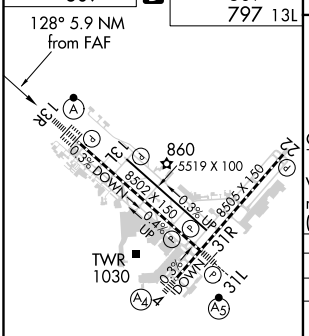
ALSF-2

MISSED APPROACH: Climb to 3100 on heading 128° and SAT VORTAC R-160 to EMBOW INT and hold.

D-ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL	CPDLC
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7	

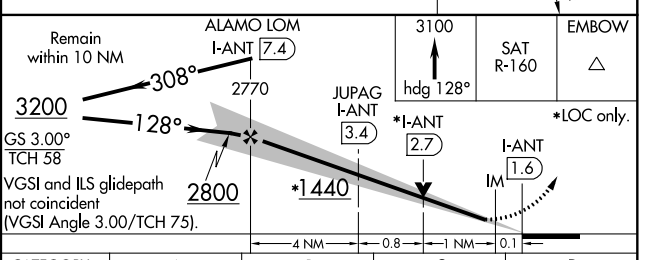


ELEV 809	D	TDZE 809 13R 797 13L



TDZ/CL Rwy 13R
REIL Rwys 13L, 22 and 31R
HIRL Rwys 4-22 and 13R-31L
MIRL Rwy 13L-31R

FAF to MAP 5.9 NM					
Knots	60	90	120	150	180
Min:Sec	5:54	3:56	2:57	2:22	1:58



CATEGORY	A	B	C	D
S-ILS 13R	1009/18 200 (200-½)			
S-LOC 13R	1440/24 631 (700-½)		1440-1⅜ 631 (700-1⅜)	
SIDESTEP 13L	1600-1 803 (800-1)	1600-1¼ 803 (800-1¼)	1600-2½ 803 (800-2½)	
CIRCLING	1440-1 631 (700-1)		1440-1¾ 631 (700-1¾)	1440-2 631 (700-2)
JUPAG FIX MINIMUMS				
S-LOC 13R	1240/24 431 (500-½)		1240/40 431 (500-¾)	

SC-3, 15 JUL 2021 to 12 AUG 2021
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