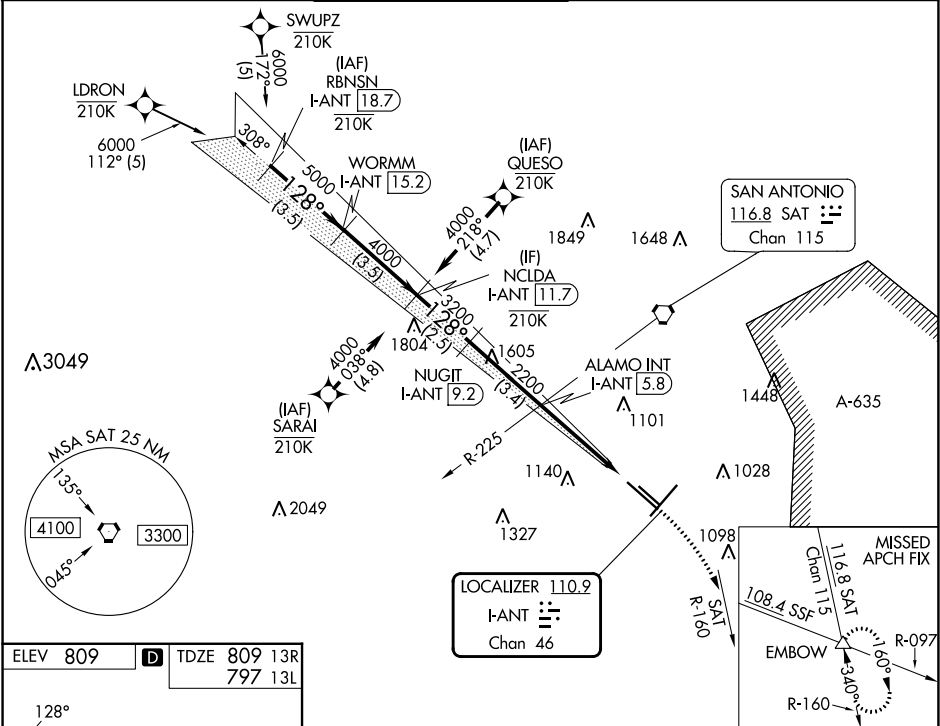


LOC/DME I-ANT 110.9 Chan 46	APP CRS 128°	Rwy 13R Idg 8502 TDZE 809 Apt Elev 809	Rwy 13L Idg 5519 TDZE 797 Apt Elev 809
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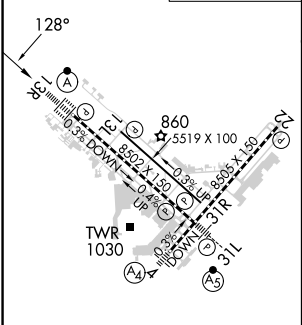
ILS or LOC RWY 13R

SAN ANTONIO INTL (SAT)

RNP APCH-GPS. From LDRON, SWUPZ, SARAI, QUESO.		ALSIF-2 	MISSED APPROACH: Climb to 3100 on heading 128° and SAT VORTAC R-160 to EMBOW INT and hold.		
RNAV 1-GPS or RADAR required for procedure entry. DME required.					
Circling NA northwest of Rwy 4 and 13R.					
D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0	SAN ANTONIO TOWER 119.8 257.8	GND CON 121.9 348.6	CLNC DEL 126.7	CPDLC



ELEV 809	D	TDZE 809 13R 797 13L
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TDZ/CL Rwy 13R					
REIL Rwy 13L, 22 and 31R					
HIRL Rwy 4-22 and 13R-31L					
MIRL Rwy 13L-31R					
FAF to MAP 4.2 NM					
Knots	60	90	120	150	180
Min:Sec	4:12	2:48	2:06	1:41	1:24

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 75).			
NCLDA I-ANT 11.7			
NUGIT I-ANT 9.2			
ALAMO INT I-ANT 5.8			
GS 3.00° TCH 58			
CATEGORY A			
S-ILS 13R 1009/18 200 (200-½)			
S-LOC 13R 1460/24 651 (700-½) 1460-1⅓ 651 (700-1⅓)			
SIDESTEP 13L 1480-1 683 (700-1) 1480-2 683 (700-2) 1480-2¼ 683 (700-2¼)			
CIRCLING 1480-1 671 (700-1) 1480-2 671 (700-2) 1520-2¼ 711 (800-2¼)			