LOC/DME I-SAT	APP CRS	Rwy ldg	8505
109.7	037°	TDZE	786
Chan 34		Apt Elev	809

ILS or LOC RWY 4
SAN ANTONIO INTL (SAT)

RNP APCH-GPS. From TRAGO or PICLO or FRIZA.

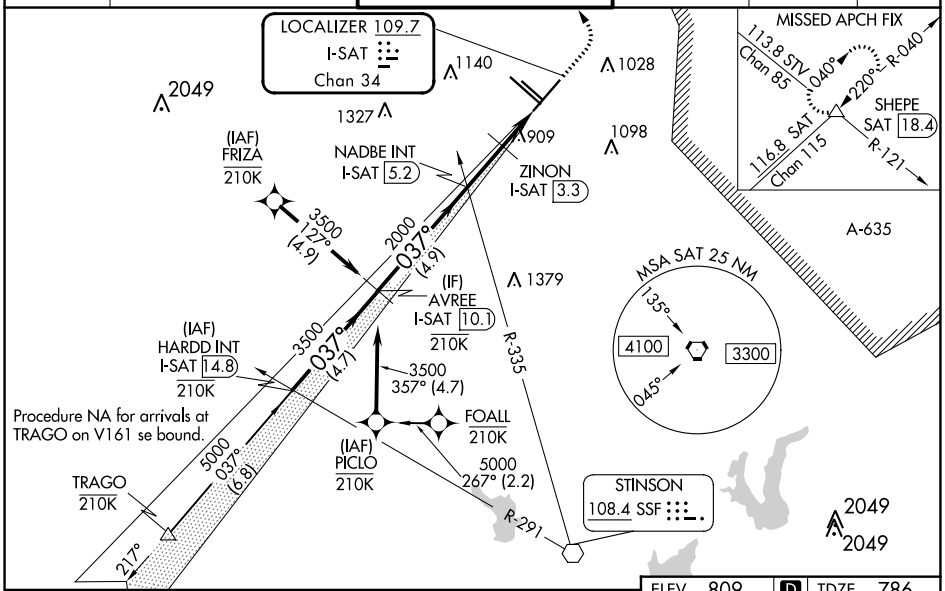
Aircraft not GPS equipped - RADAR required for procedure entry.

NA — Circling NA northwest of Rwys 4 and 13R. Autopilot coupled approach NA below 1189. Inop table does not apply to S-ILS 4. For inop ALS, increase S-LOC 4 Cat C/D visibility to RVR 6000.

MALS

MISSED APPROACH: Climb to 1700 then climbing left turn to 3500 on heading 025° and on SAT VORTAC R-040 to SHEPE INT/SAT 18.4 DME and hold.

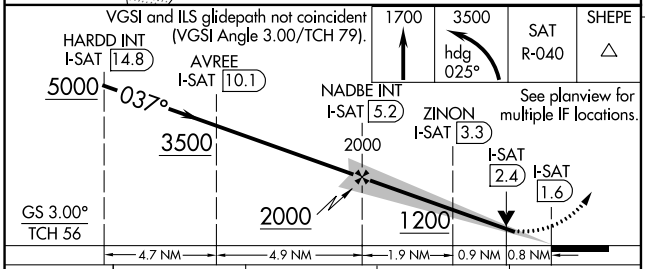
D-ATIS	SAN ANTONIO APP CON	SAN ANTONIO TOWER	GND CON	CLNC DEL	CPDLC
118.9	125.1 307.0	119.8 257.8	121.9 348.6	126.7	



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 79).

1700	3500	SAT	SHEPE
	hdg 025°	R-040	△

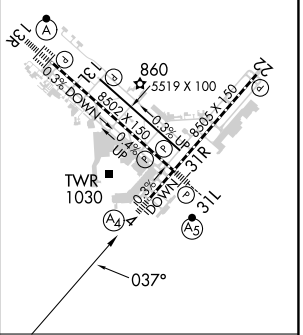
See planview for multiple IF locations.



CATEGORY	A	B	C	D
S-ILS 4	986/40 200 (200-¾)			
S-LOC 4	1200/40 414 (400-¾)		1200/50 414 (400-1)	
C CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)
ZINON FIX MINIMUMS (DME REQUIRED)				
S-LOC 4	1120/40 334 (400-¾)			
C CIRCLING	1280-1 471 (500-1)	1340-1 531 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)

ELEV 809 | D | TDZE 786

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



FAF to MAP 3.6 NM					
Knots	60	90	120	150	180
Min:Sec	3:36	2:24	1:48	1:26	1:12

SC-3, 03 OCT 2024 to 31 OCT 2024
SC-3, 03 OCT 2024 to 31 OCT 2024