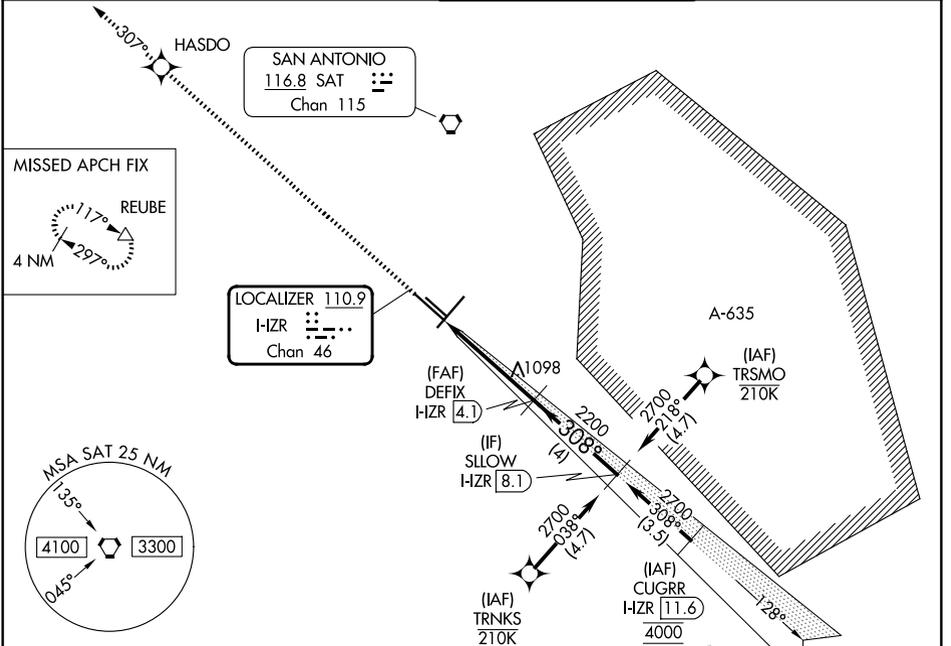


LOC/DME I-ZR 110.9 Chan 46	APP CRS 308°	Rwy 31L Ldg 8502 TDZE 790 Apt Elev 809	Rwy 31R Ldg 5519 TDZE 788 Apt Elev 809
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ILS or LOC RWY 31L

SAN ANTONIO INTL (SAT)

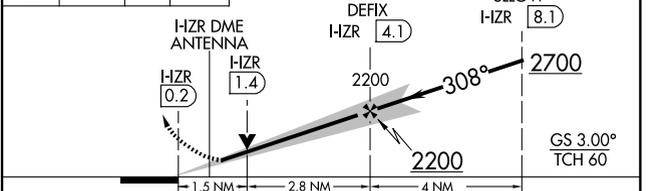
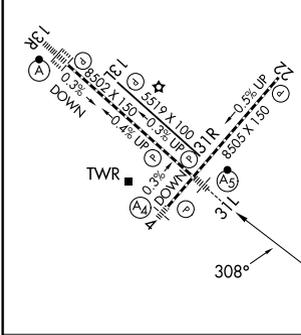
RNP APCH - GPS		SAN ANTONIO TOWER 119.8 257.8		GND CON 121.9 348.6	
Aircraft not GPS equipped - RADAR required for procedure entry. DME required.				MALSR	
⚠ Circling NA northwest of Rwsy 4 and 13R. ⚠ *RVR 1800 authorized with use of FD or AP or HUD to DA.				MISSED APPROACH: Climb to 4200 direct HASDO and track 307° to REUBE and hold.	
D-ATIS 118.9	SAN ANTONIO APP CON 125.1 307.0				



ELEV 809	D	TDZE 790 31L 788 31R
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TDZL/RCLS Rwy 13R
REIL Rwsy 13L, 22 and 31R
HIRL Rwsy 4-22 and 13R-31L
MIRL Rwy 13L-31R

4200	HASDO	tr 307°	REUBE	VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 82).
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FAF to MAP 4.3 NM					
Knots	60	90	120	150	180
Min:Sec	4:18	2:52	2:09	1:43	1:26

CATEGORY	A	B	C	D
S-ILS 31L *	990/24 200 (200-½)			
S-LOC 31L	1360/24	570 (600-½)	1360/60	570 (600-¼)
SIDESTEP 31R	1360-1	572 (600-1)	1360-1½ 572 (600-½)	1360-2 572 (600-2)
CIRCLING	1360-1	551 (600-1)	1420-1¾ 611 (700-1¾)	1520-2¼ 711 (800-2¼)

SC-3, 19 FEB 2026 to 19 MAR 2026

SC-3, 19 FEB 2026 to 19 MAR 2026