

LOC/DME I-GWQ	APP CRS	Rwy Ldg	28R 11236	28L 10275
<u>111.7</u>	284°	TDZE	13	13
Chan 54		Apt Elev	13	13

ILS or LOC RWY 28R
SAN FRANCISCO INTL (SFO)

RNAV 1-GPS or RADAR required for procedure entry.

- V** Circling NA to Rwy 10L, 10R, 19L, and 19R. Circling Rwy 1L, 1R NA at night. LOC procedure NA during simultaneous operations. For inop ALS increase S-LOC 28R* Cot C/D visibility to 1 $\frac{3}{8}$ SM. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope.

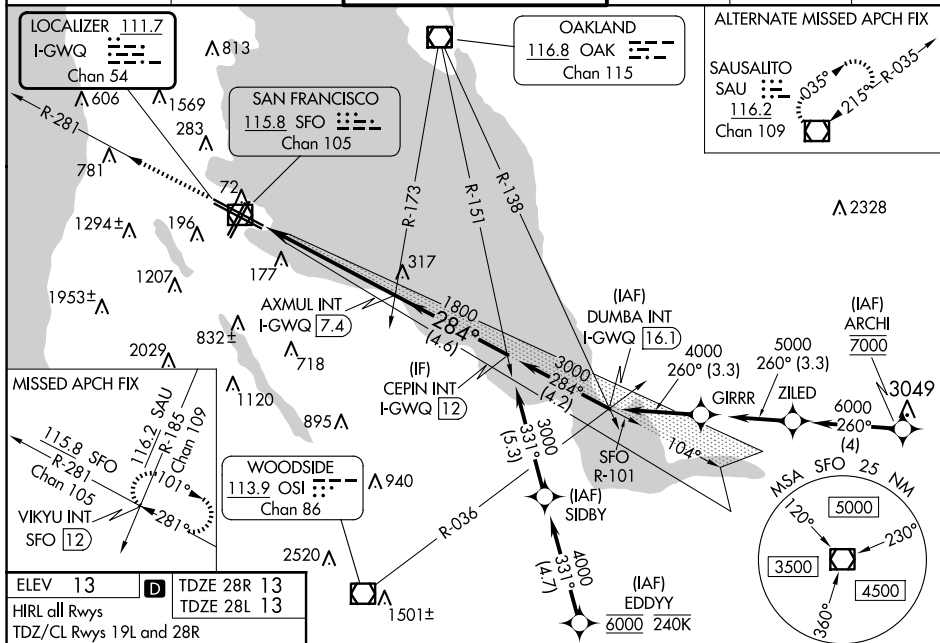
ALSF-2
Rwy 28L

MALSR
Rwy 28L

MISSED APPROACH: Climb to 3000 on SFO VOR/DME R-281 to VIKYU INT/SFO 12 DME and hold.

*Missed approach requires minimum climb of 350 feet per NM to 1900; if unable to meet climb gradient, see ILS or LOC RWY 28L.

D-ATIS 113.7 115.8 118.85	NORCAL APP CON 134.5 338.2	SAN FRANCISCO TOWER 120.5 269.1	GND CON 121.8	CLNC DEL 118.2	CPDLC
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ELEV 13	D	TDZE 28R 13
HIRL all Rwy's		TDZE 28L 13
TDZ/CL Rwy's 19L and 28R		
REIL Rwy's 1L, 1R and 10L		

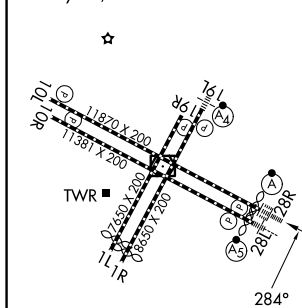


Diagram illustrating a non-precision approach for SFO R-281. The diagram shows a 3000 ft MSL glide path at 3.00% TCH. Key features include:

- SFO R-281
- VIKYU INT
- I-GWQ 2
- I-GWQ 3.2
- AXMUL INT I-GWQ 7.4
- CEPIN INT I-GWQ 12
- 1800 ft MSL
- 284° heading
- 1800 ft AGL
- 1.3 NM, 4.2 NM, 4.6 NM distances
- GS 3.00° TCH 55

CATEGORY	A	B	C	D
S-ILS 28R*	213/18 200 (200-½)			
S-LOC 28R*	480/24 467 (500-½)	480/50 467 (500-1)		
SIDESTEP* 28L	480/55 467 (500-1)			480-1½ 467 (500-1½)
C CIRCLING	740-1 727 (800-1)	960-1¼ 947 (1000-1¼)	1560-3 1547 (1600-3)	NA