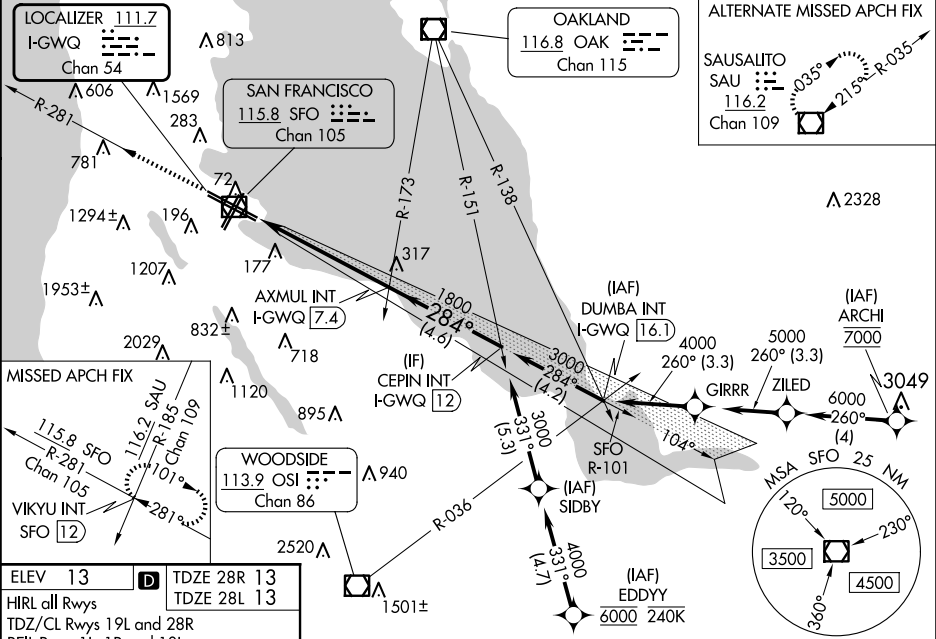


LOC/DME I-GWQ	APP CRS	Rwy Idg	28R	28L
111.7	284°	TDZE	11236	10275
Chan 54		Apt Elev	13	13

ILS or LOC RWY 28R

SAN FRANCISCO INTL (SFO)

RNAV 1-GPS or RADAR required for procedure entry.		ALSIF-2 Rwy 28R	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.	
Circling NA to Rwy's 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* Cat C/D visibility to 1 1/2 SM. Simultaneous approach authorized. Simultaneous operations require use of vertical guidance; maintain last assigned altitude until established on glideslope.					
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	



ELEV 13	TDZE 28R 13
HRL all Rwy's	TDZE 28L 13
TDZ/CL Rwy's 19L and 28R	
REIL Rwy's 1L, 1R and 10L	
FAF to MAP 5.4 NM	
Knots	60 90 120 150 180
Min:Sec	5:24 3:36 2:42 2:10 1:48

CATEGORY		A	B	C	D
S-ILS 28R*		213/18		200 (200-1/2)	
S-LOC 28R*		480/24 467 (500-1/2)		480/50 467 (500-1)	
SIDESTEP* 28L		480/55 467 (500-1)		480-1 1/2 467 (500-1 1/2)	
CIRCLING		740-1 727 (800-1)	960-1 1/4 947 (1000-1 1/4)	1560-3 1547 (1600-3)	NA