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

ILS RWY 28R (SA CAT I)

SAN FRANCISCO INTL (SFO)

RNAV 1-GPS or RADAR required for procedure entry.

Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH.

ALSF-2

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	NORCAL APP CON	SAN FRANCISCO TOWER	GND CON	CLNC DEL	CPDLC
113.7 115.8 118.85	134.5 338.2	120.5 269.1	121.8	118.2	

LOCALIZER 111.7 I-GWQ Chan 54

OAKLAND 116.8 OAK Chan 115

SAN FRANCISCO 115.8 SFO Chan 105

ALTERNATE MISSED APCH FIX
SAUSALITO SAU 116.2 Chan 109
035° 215° R-035

AXMUL INT I-GWQ 7.4

(IAF) DUMBA INT I-GWQ 16.1

(IAF) ARCHI 7000

(IF) CEPIN INT I-GWQ 12

GIRRR ZILED

MISSED APCH FIX
115.8 SFO R-281 Chan 105
116.2 SAU R-185 Chan 109
101° 281°
VIKYU INT SFO 12

SFO R-101

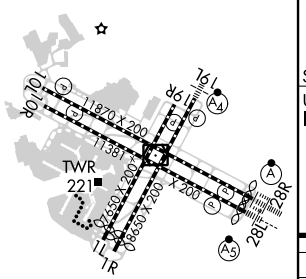
(IAF) SIDBY

(IAF) EDDYY 6000 240K

WOODSIDE 113.9 OSI Chan 86

MSA SFO 25 NM
120° 230° 360°
5000 3500 4500

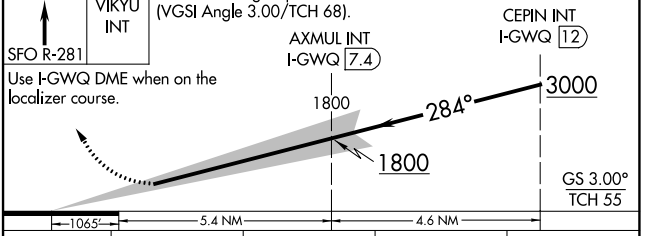
ELEV 13 D TDZE 13
HIRL all Rwys
TDZ/CL Rwys 19L and 28R
REIL Rwys 1L, 1R and 10L



3000 VIKYU INT SFO R-281

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 68).

Use I-GWQ DME when on the localizer course.



CATEGORY	A	B	C	D
S-ILS 28R*	RA 163/14 150 DA 163			

SA CATEGORY I ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

SW-2, 08 AUG 2024 to 05 SEP 2024
SW-2, 08 AUG 2024 to 05 SEP 2024