

ILS or LOC RWY 19L  
SAN FRANCISCO INTL (SFO)

MALSF  
Rwy 19L

**MISSED APPROACH:** Climb to 500 then climbing left turn to 3000 on SFO VOR/DME R-101 to DUMBA INT/SFO 15 DME and hold.

113.7 115.8 118.85 135.45	NORCAL APP CON 134.5 338.2	SAN FRANCISCO TOWER 120.5 269.1	GND CON 121.8	CLNC DEL 118.2
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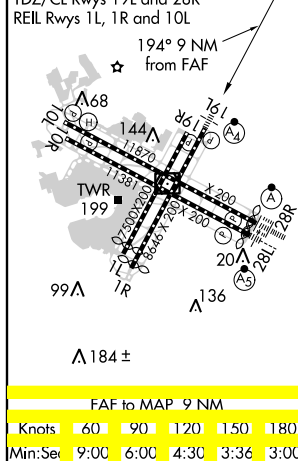
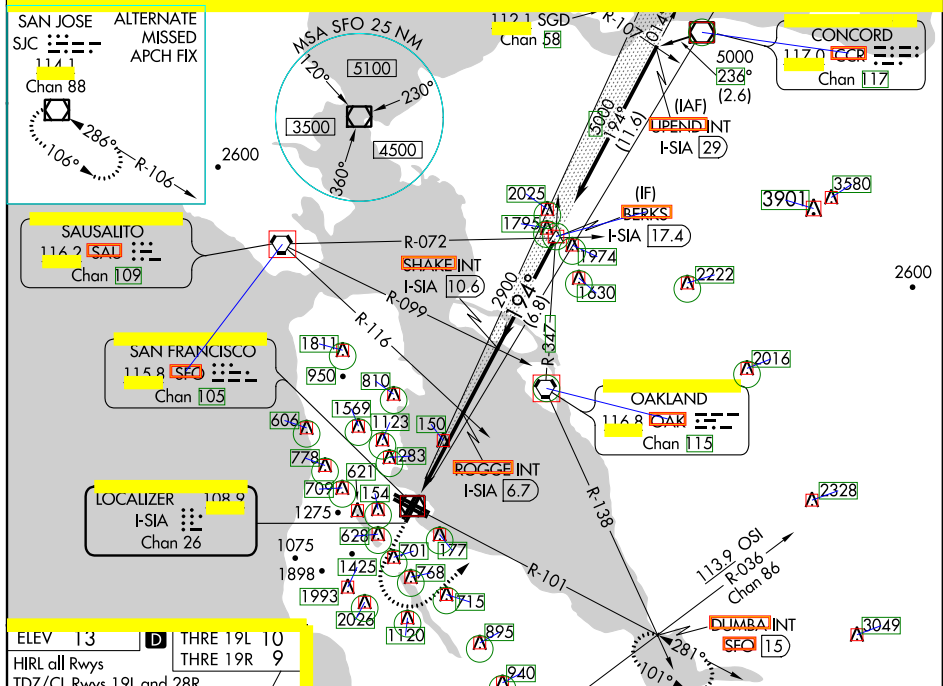


Diagram illustrating a non-coincident VGS angle and ILS glidepath. The diagram shows a 1900' MSL glidepath at 3.00° and a 2900' MSL glidepath at 2.95°. The vertical separation is 1000'. The horizontal distance between the start of the two glidepaths is 4.7 NM. The diagram also shows the I-SIA angles for each glidepath: 1.6° for the 1900' glidepath and 2.6° for the 2900' glidepath. The total I-SIA angle is 4.2°. The diagram also shows the SFO R-101 and DUMBA INT. The diagram is labeled 'VGS Angle 3.00/TCH 75)' and 'BERKS INT I-SIA 17.4'.

Category	A	B	C	D
S-ILS 19L	1900/60	1900-1½	1900-3	1890 (1900-3)
S-LOC 19L	1890 (1900-1½)	1890 (1900-1½)		
SIDESTEP RWY 19R	400/55	391 (400-1½)	400-1½	400-2
			391 (400-1½)	391 (400-2)
ROGGE FIX MINIMUMS (DUAL VOR RECEIVERS OR DME REQUIRED)				
S-LOC 19L	400/50	390 (400-1)		