

RADAR required.  
Rwys 1L/R: DME required.

|                     |       |        |  |
|---------------------|-------|--------|--|
| NORCAL DEP CON      |       |        |  |
| 120.9               | 323.2 |        |  |
| D-ATIS              |       |        |  |
| 113.7               | 115.8 | 118.85 |  |
| CPDLC               |       |        |  |
| GND CON             |       |        |  |
|                     | 121.8 |        |  |
| SAN FRANCISCO TOWER |       |        |  |
| 120.5               | 269.1 |        |  |

Rwys 1 L/R: Standard.

Rwys 28L/R: Standard with minimum climb of 351'/NM to 1300.

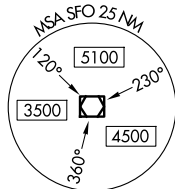
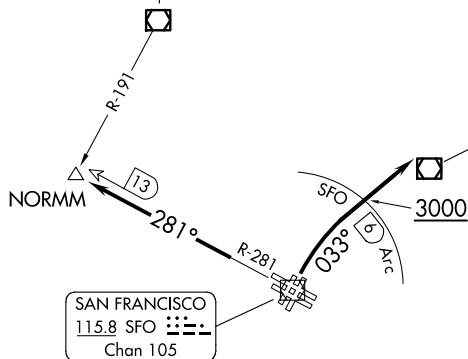
SACRAMENTO  
115.2 SAC   
Chn 99

SAUSALITO  
116.2 SAU ::  
Chan 109

LINDEN  
114.8 LIN 55  
Chan 95

OAKLAND  
116.8 OAK   
Chan 115

SAN FRANCISCO  
115.8 SFO   
Chan 105



NOTE: Chart not to scale.

## DEPARTURE ROUTE DESCRIPTION

**TAKEOFF RUNWAYS 1L/R:** Climbing right turn heading 033° or ATC assigned heading to cross SFO 6 DME at or above 3000 for RADAR vectors to assigned route/fix. Expect further clearance to filed altitude 10 minutes after departure.

TAKEOFF RUNWAYS 28L/R: Climb on SFO VOR/DME R-281 to NORMM INT/SFO 13 DME; then expect RADAR vectors to assigned route/fix. Expect further clearance to filed altitude 10 minutes after departure.

## LOST COMMUNICATIONS:

If not in contact with departure control after reaching 3000, continue climb to filed altitude and proceed direct to assigned route/fix.