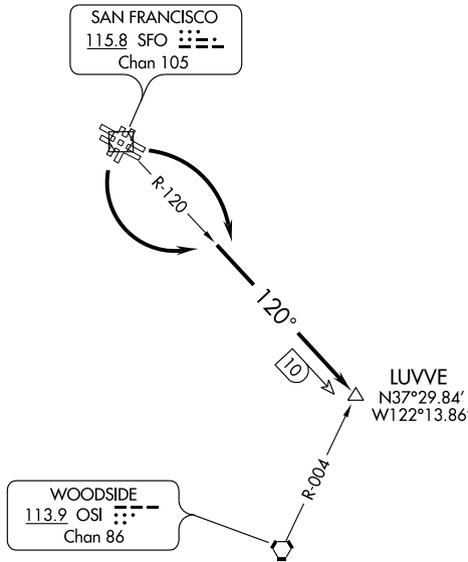


ATIS 135.45  
GND CON  
121.8  
SAN FRANCISCO TOWER  
120.5 269.1  
NORCAL DEP CON  
135.1 307.2



NOTE: Rwy 19L/R departures turn left due to steeply rising terrain to 2000' immediately south of airport. For obstacle clearance the following minimum climb rates are required:  
 Rwy 19L, 480' per NM to 1400'.  
 Rwy 19R, Categories A, B, 480' per NM to 1400';  
 Categories C, D, 530' per NM to 1800'.

NOTE: Chart not to scale.

### DEPARTURE ROUTE DESCRIPTION

TAKE-OFF RUNWAYS 10L/R: Turn right and climb via SFO R-120 to LUVVE INT, expect vector to assigned route/fix after LUVVE INT. Expect further clearance to filed altitude 10 minutes after departure.

TAKE-OFF RUNWAYS 19L/R: Turn left and climb via SFO R-120 to LUVVE INT, expect vector to assigned route/fix after LUVVE INT. Expect further clearance to filed altitude 10 minutes after departure.

#### LOST COMMUNICATIONS:

TAKE-OFF RUNWAYS 10L/R and 19L/R: If not in contact with departure control after reaching 3000' continue climb to assigned altitude and proceed direct to assigned route/fix.