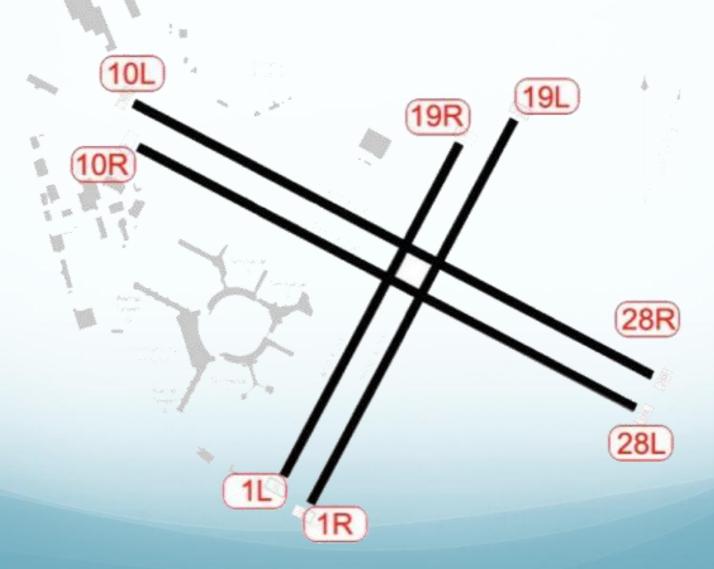
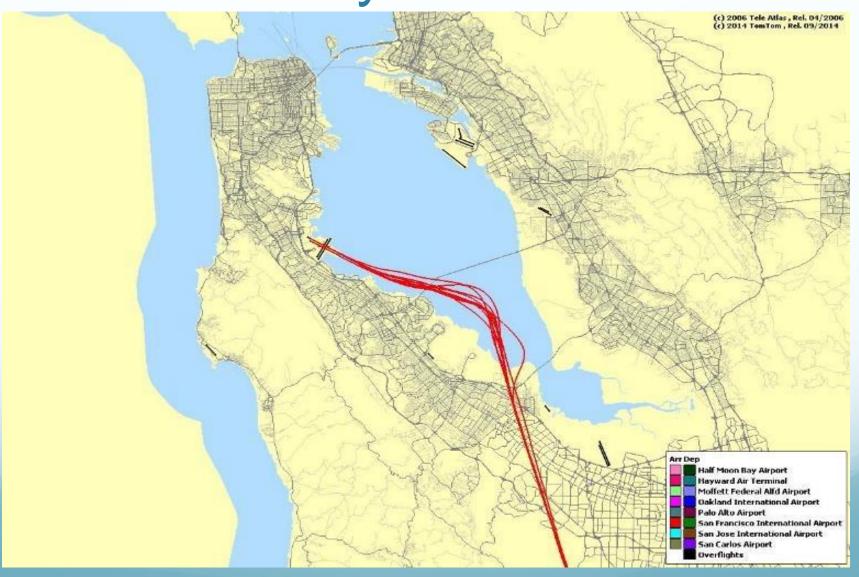
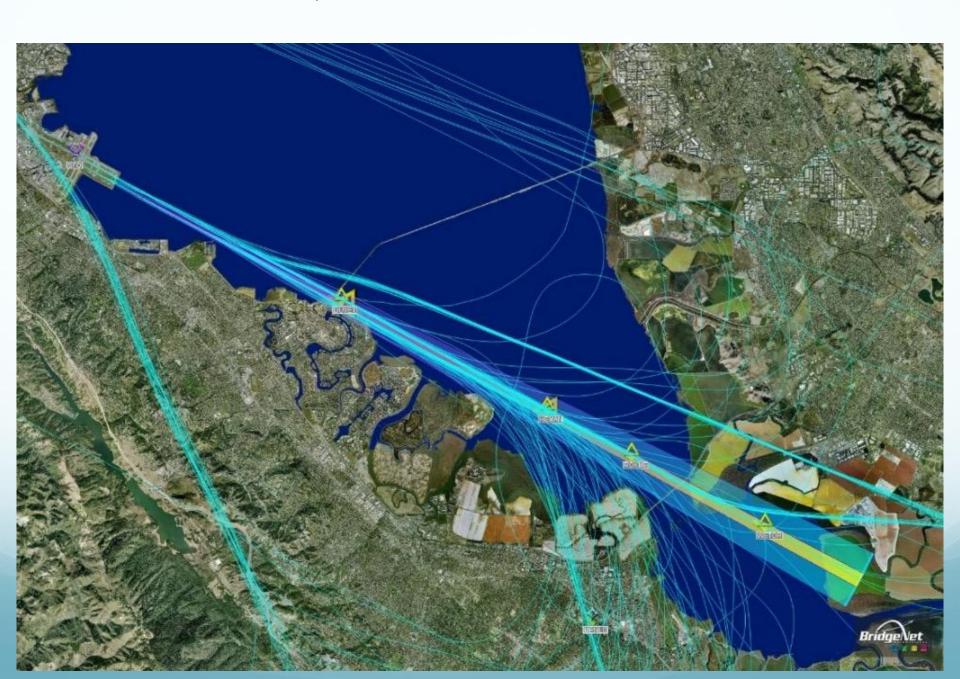
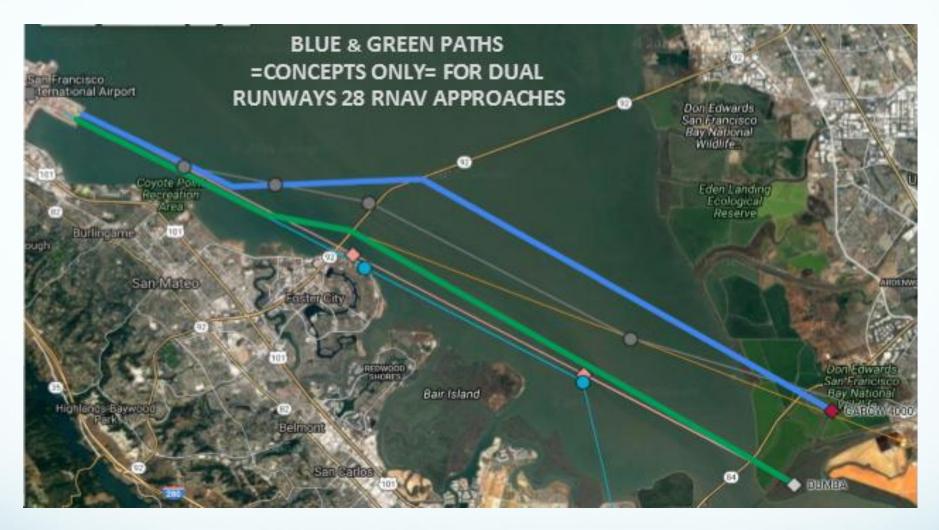
SFO Runway Layout



Runway 28L Offset

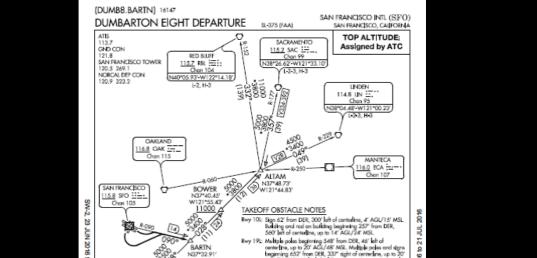






TEAL LINE: existing 28L ILS. PINK LINE: existing 28R ILS. GRAY LINE: existing RNAV (RNP) Y RWY 28R. ORANGE LINE: existing FMS Bridge Visual Approach 28R. GREEN LINE: Concept for a possible 28L offset RNAV approach. BLUE LINE: Concept for a possible 28R offset RNAV approach. ALL POINTS AND LINES APPROXIMATE.





buildings, transmission towers, poles, trees, signs, electrical system beginning 887' from DER, 61' right of cemerline, up to 100' AGL/128' MSL. Multiple buildings 3831' from DER, 113.9 OS ::: Chan 86 138' left of centerline, up to 105 AGL/127' MSL Multiple N37°23.55'-W122°16.88' buildings and trees beginning 3831' from DER, 74' right of center[ine up to 100' AGL/167' MSL. TAKEOFF MINIMUMS L23, H3 Rwys 10L/R: Standard. Rwy 19R: Multiple poles, trees, electrical system beginning 454' from DER, 82' right of centerline, up to 40' AGU/60' MSL Multiple Rwys 19L/R: Standard with minimum climb of 575' per NM to 2000.

> TAKEOFF RUNWAYS 10L/R and 19L/R: Climbing left turn via SFO R-090 to BARTN INT, thence via (transition) or (assigned route). Expect filed altitude 10 minutes after departure.

> LINDEN TRANS[T]ON (DUMBB.LIN): From over BARTN INT on OSI R-028 to ALTAM INT then on

RED BLUFF TRANSITION (DUMBB.RBL): From over BARTN INT on OSI R-028 to ALTAM INT then

transmission towers, trees beginning 918' from DER, 7' left of centerline, up to 80' AGL/96' MSL. Poles and electrical NOTE: Rwys 19L/R turn left due to steeply rising system 1189' from DER, 1' night of centerline, 44' AGL/50' terrain 2000' immediately south of the airport. MSL. Multiple transmission towers, trees beginning 1617 from DER, 16' right of centerline, up to 80' AGL/85' MSL NOTE: Chart not to scale. DEPARTURE ROUTE DESCRIPTION

AGL/38' MSL. Multiple buildings, transmission towers, poles trees, signs, electrical system baginning 937' from DER, 11' left of centerline, up to 100' AGL/127' MSL. Multiple

on RBL R-152 to RBL VORTAC. SACRAMENTO TRANSITION (DUMBB.SAC): From over BARTN INT on OSI R-028 to ALTAM INT then on SAC R-177 to SAC VORTAC.

WOODSIDE TRANSITION (DUMBB.OSI): From over BARTN INT on OSI R-028 to OSI VORTAC. SAN FRANCISCO, CALIFORNIA DUMBARTON EIGHT DEPARTURE

W122°05.03'

WOODSIDE

LIN R-229 to LIN VORTAC.

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