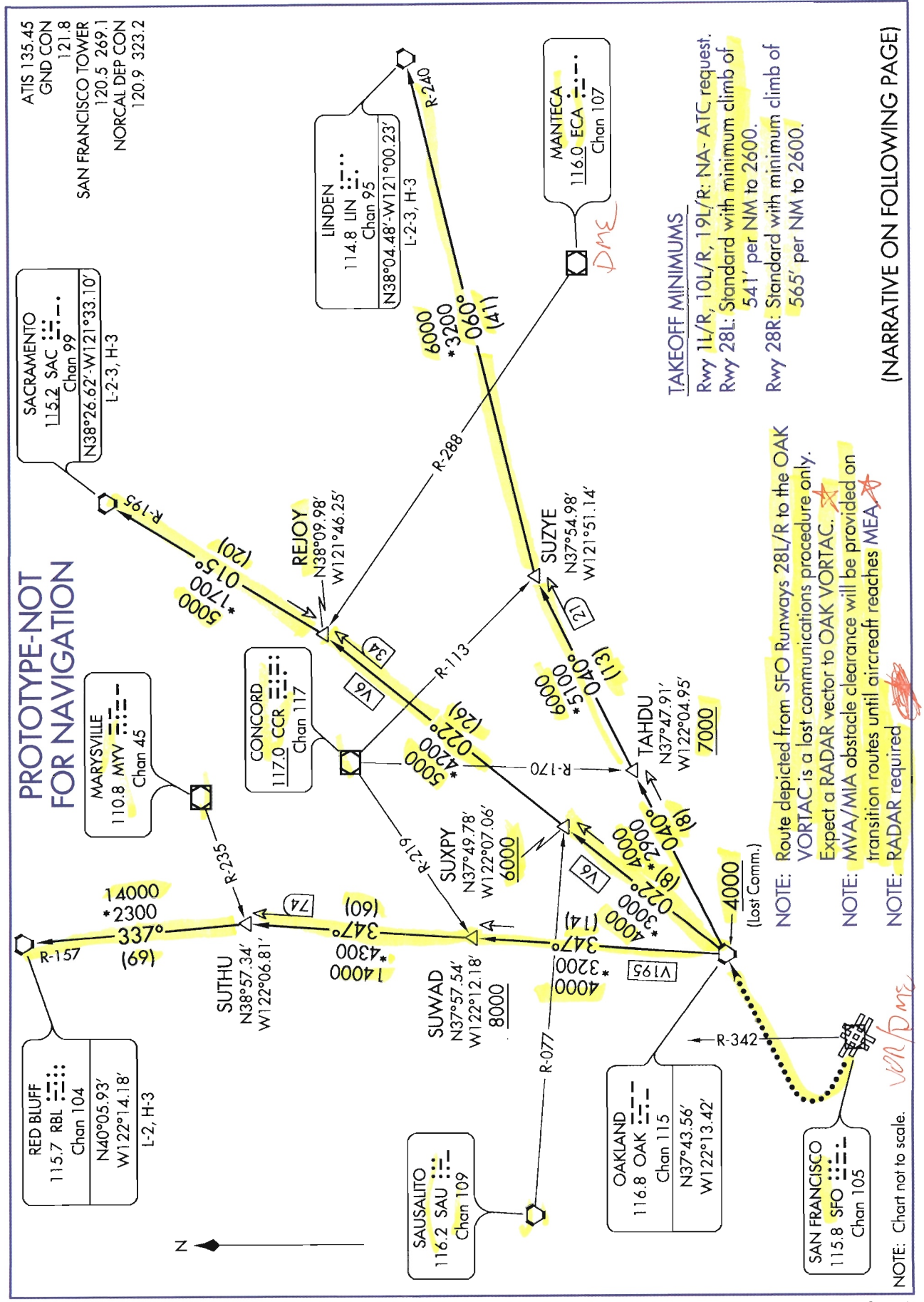
PROTOTYPE-NOT FOR NAVIGATION
ATIS 135.45
GND CON 121.8
SAN FRANCISCO TOWER 120.5 269.1
NORCAL DEP CON 120.9 323.2
SACRAMENTO 115.2 SAC Chan 99 N38°26.62'-W121°33.10' L-2-3, H-3
LINDEN 114.8 LIN Chan 95 N38°04.48'-W121°00.23' L-2-3, H-3
MANTECA 116.0 ECA Chan 107
MARYSVILLE 110.8 MYV Chan 45
CONCORD 117.0 CCR Chan 117
RED BLUFF 115.7 RBL Chan 104 N40°05.93' W122°14.18' L-2, H-3
SAUSALITO 116.2 SAU Chan 109
OAKLAND 116.8 OAK Chan 115 N37°43.56' W122°13.42'
SAN FRANCISCO 115.8 SFO Chan 105
REJOY N38°09.98' W121°46.25'
SUZYE N37°54.98' W121°51.14'
TAHDU N37°47.91' W122°04.95' 7000
SUXPY N37°49.78' W122°07.06' 6000
SUTHU N38°57.34' W122°06.81'
SUWAD N37°57.54' W122°12.18' 8000
4000 (Lost Comm.)
R-195
R-240
R-288
R-113
R-170
R-212
R-235
R-157
R-077
R-342
5000 *1700 015° (20)
6000 *3200 060° (41)
5000 *4200 022° (26)
6000 *5100 040° (13)
4000 *2900 022° (8)
4000 *3000 022° (8)
4000 *3200 347° (14)
14000 *4300 347° (60)
14000 *2300 337° (69)
TAKEOFF MINIMUMS
Rwy 1L/R, 10L/R, 19L/R: NA- ATC request.
Rwy 28L: Standard with minimum climb of 541' per NM to 2600.
Rwy 28R: Standard with minimum climb of 565' per NM to 2600.
NOTE: Route depicted from SFO Runways 28L/R to the OAK VORTAC is a lost communications procedure only. Expect a RADAR vector to OAK VORTAC.
NOTE: MVA/MIA obstacle clearance will be provided on transition routes until aircraft reaches MEA
NOTE: RADAR required
(NARRATIVE ON FOLLOWING PAGE)
NOTE: Chart not to scale.
N

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RUNWAYS 28L/R: Climbing right turn heading 040° (or assigned heading between SFO VORTAC R-220 CW R-100) , for vector to OAK VORTAC then via (transition) or (assigned) route. Expect further clearance to filed altitude 10 minutes after departure.

LOST COMMUNICATIONS:
TAKEOFF RUNWAYS 28L/28R: If not in contact with departure control one minute after crossing the SFO R-342, proceed direct to OAK VORTAC. Cross OAK VORTAC at or above 4000'.

LINDEN TRANSITION (SHOR3.LIN): From over OAK VORTAC via OAK R-040 to SUZYE INT, then via LIN R-240 to LIN VORTAC.

RED BLUFF TRANSITION (SHOR3.RBL): From over OAK VORTAC via OAK R-347 to SUTHU INT, then via RBL R-157 to RBL VORTAC.

SACRAMENTO TRANSITION (SHOR3.SAC): From over OAK VORTAC via OAK R-022 to REJOY INT, then via SAC R-195 to SAC VORTAC.

TAKEOFF OBSTACLE NOTES

Rwy 28L: Sign 19' from DER, 500' right of centerline, 5' AGL/9' MSL. Obstruction lights on DME beginning 277' from DER, 162' left of centerline, up to 16' AGL, 26' MSL. Obstruction light on localizer beginning on centerline up to 10' AGL/17' MSL. Multiple poles, electrical system beginning 824' from DER, 300' left of centerline, up to 40' AGL/56' MSL. Multiple buildings, transmission towers, tank and pole beginning 1305' from DER, 370' left of centerline, up to 95' AGL/103' MSL.

Rwy 28R: Multiple signs, beginning 23' from DER, 140' right of centerline, up to 5' AGL/10' MSL. Sign, terrain beginning 58' from DER, 146' right of centerline, up to 10' MSL. Sign, 63' from DER, 250' left of centerline 5' AGL/8' MSL. Terrain beginning 130' from DER, 235' left of centerline up to 10' MSL. Antenna on building, obstruction light on DME, tree, beginning 556' from DER, 268' right of centerline, up to 35' AGL/43' MSL. Multiple poles beginning 918' from DER, 598' left of centerline, up to 22' AGL/35' MSL. Multiple buildings, trees beginning 1467' from DER, 683' right of centerline, up to 60' AGL/68' MSL. Multiple buildings, transmission towers, trees and electrical systems beginning 1826' from DER, 123' left of centerline, up to 95' AGL/103' MSL.

PROTOTYPE-NOT FOR NAVIGATION