

Rwy	Knots	60	120	180	240	300	360
24L/R	V/V(fpm)	780	1560	2340	3120	3900	4680

ATC Climb Rate to 2000

ATIS ★ 133.475 352.0 [USN]
CLNC DEL
125.975 254.325
GND CON
128.625 307.325
FOSS TOWER ★
135.2 298.925
SOCAL DEP CON
119.6 363.1 W

SHAFTER

115.4 EHF ⋮⋮⋮
Chan 101

SHAFTER
115.4 EHF 
Chgn 101

SAN MARCUS
114.9 RZS 
Chan 96

VENTURA
116.55 VTU 

DEPARTURE ROUTE DESCRIPTION

TAKEOFF RWY 24L/R: Climbing right turn to 2000 heading 303° to intercept and proceed via NKX TACAN R-283 to SWOLF. Complete turn within NKX 2 DME. Cross NKX R-283/3 DME at 2000 mandatory. Maintain 2000 at SWOLF mandatory. Then turn left heading 256° to intercept and proceed via MZB VORTAC R-300 to TINNY int. Thence...

SAN MARCUS TRANSITION (TINNY4.RZS): ...via VTU
VOR/DME R-111 to VTU, then via RZS VORTAC
R-109 to RZS.

SHAFTER TRANSITION (TINNY4.EHF): ...via EHF
VORTAC R-144 to EHF.

DO NOT EXCEED 300 KIAS
UNTIL INTERCEPTING R-283

MIRAMAR
Chan 33 NKX

MISSION BAY
117.8 MZB 
Chn 125

EMERG SAFE ALT 100 NM 13,600

NOTE: Chart not to scale

TINNY-FOUR DEPARTURE (TINNY4.TINNY)

Orig 10OCT19

SAN DIEGO, CALIFORNIA

MIRAMAR MCAS (JOE FOSS FLD) (KNKX)