

TINNY-FOUR DEPARTURE (TINNYY4•TINNY)

SAN DIEGO, CALIFORNIA

ATS ★ 133.475 352.0
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

SHL-903 [USN]

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

ATC Climb Rate to 2000

SHAFER

115.4 RZS
Chen 101

L-3, L-7, H-4

SAN MARCUS

114.9 RZS
Chen 96

L-3, L-4, L-7, H-4



SW-3, 17 APR 2025 to 15 MAY 2025

R-109
289°
(43)

SHAFER TRANSITION
324°
(121)

SAN MARCUS
291°
(52)

VTU R-111

VENTURA

108.2 VTU
Chen 19

L-3, L-4, L-7, H-4

TINNY



R-144

300°
(51)

R-283

MIRAMAR

Chan 33 NKX



2000

SWOLF

256°

303°



MISSION BAY

117.8 MZB
Chen 125



EMERG SAFE ALT 100 NM 13,600

NOTE: Chart not to scale

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Orig 10OCT19

SAN DIEGO, CALIFORNIA
MIRAMAR MCAS (JOE FOSS FLD) (KNKX)

SHL-903 [USN]

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DEPARTURE ROUTE DESCRIPTION

TAKE-OFF 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.