SAN DIEGO, CALIFORNIA

HI-TACAN Z RWY 24R

[USN]

MIRAMAR MCAS (JOE FOSS FLD) (KNKX)

TACAN	APCH CRS	Rwy Idg	24R	12,000	24L	8001
NKX Chan 33	247°	TDZE	24R	475	24L	477
		Arpt Elev		477		

*When ALS inop, increase CAT CDE vis to 1⅞ miles.
** CAT E circling not authorized S of Rwy 6R-24L.

ALSF-1

MISSED APPROACH: Climb to 1500, then climbing right turn to 7000 via NKX TACAN R-003 to HUKVO. Arc NE of NKX via 16 mile arc to WARNT and hold. Cross R-323 at 3000 mandatory, cross HUKVO at 6000 mandatory.

ATIS ★	SOCAL APP CON	FOSS TOWER ★	GND CON	LA CENTER	ASR/PAR
133.475 352.0	132.2 269.1	135.2 298.925 (L)	128.625 307.325	291.7	

Knots	60	120	180	240	300	360
V/V(fpm)	275	550	825	1100	1375	1650

ATC climb of 275 ft/NM to 6000

OCEANSIDE
115.3 OCN
Chan 100

THERMAL
116.2 TRM
Chan 109

JULIAN
113.75 JLI
Chan 84(Y)

BLYTHE
117.4 BLH
Chan 121

IMPERIAL
115.9 IPL
Chan 106

MIRAMAR
Chan 33 NKX

Holding at LOOTS from OCN required for procedure entry.

to LOOTS 097° (44.1)

147° (27)

HUKVO NKX 16

NKX 16 Arc

R-003

WARNT NKX 16
10,000
230K

R-043

223°

NKX 20

BEAJY NKX 7
16,000

R-323

874 990 043° 1037 1312 1237 3800 247° 5500 3675

(IAF) GIMPE NKX 6
16,000
230K

1054

WOXEL NKX 3.3

BIVTE NKX 4.7

LADGE NKX 10

(IF) RETOE NKX 16

CHEEF NKX 21
9000

(IAF) LOOTS NKX 28
14,000
230K

NKX 36

269° (57.1)

6000

4000

2000

1622

043° 223° R-223

NKX 14

171° (11)

197° (46)

234° (101)

R-067

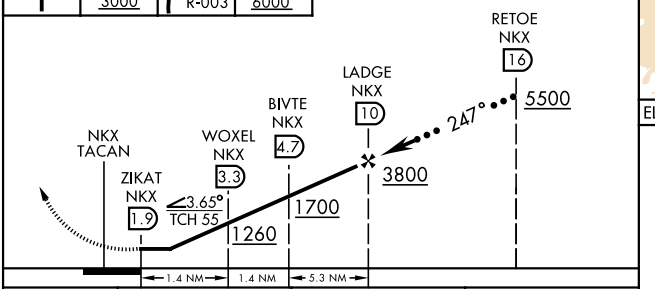
247° 067°

EMERG SAFE ALT 100 NM 13,600

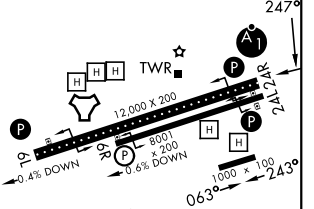
1500	cross NKX R-323 3000	7000	cross HUKVO NKX 16 6000
		NKX R-003	

VGSI and descent angles not coincident.

MSA NKX 25 NM
195°–105°: 5300
105°–015°: 7600
015°–285°: 4900
285°–195°: 2100



ELEV	477
TDZE 24R	475
TDZE 24L	477



HIRL Rwy 6L-24R (L)
HIRL Rwy 6R-24L

CATEGORY	C	D	E
S-24R*	1140-1½	665	(700-1½)
SIDESTEP 24L	1140-1⅞ 663 (700-1⅞)	1140-2 663 (700-2)	1140-2¼ 663 (700-2¼)
CIRCLING**	1140-1⅞ 663 (700-1⅞)	1180-2¼ 703 (800-2¼)	1360-3 883 (900-3)

SAN DIEGO, CALIFORNIA 32°52N-117°09′W MIRAMAR MCAS (JOE FOSS FLD) (KNKX)

Orig 27JAN22

HI-TACAN Z RWY 24R

SW-3, 06 AUG 2026 to 03 SEP 2026