

RADAR MINS


23250

N1

RADAR INSTRUMENT APPROACH MINIMUMS

CAMP PENDLETON MCAS (MUNN FLD) (KNFG), Oceanside, CA

Amdt 3 30DEC21 (22083) (USN)

RADAR - (E) 236.3 277.325  NA

ELEV 78

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/ MDA-VIS</u>	<u>HAT/ HATh/ HAA</u>	<u>CEIL-VIS</u>
PAR †	21 ^{1 2 5 8}	3.5°/53/914	ABCD	393-¾	315	(400-¾)
W/O GS †	21 ^{1 5 6 8 9 10}		AB	760-¾	682	(700-¾)
			CD	760-1¾	682	(700-1¾)
ASR	21 ^{1 3 8 11 12}		A	940-¾	862	(900-¾)
			B	940-1	862	(900-1)
			CD	940-2½	862	(900-2½)
CIR	All Rwy ^{4 7 8}		A	1000-1¼	922	(1000-1¼)
			B	1260-1½	1182	(1200-1½)
			CD	1500-3	1422	(1500-3)

†Caution: Missed Approach

Minimum Climb Rate to 1600

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

¹CAUTION - Trees penetrate 34:1 visual obstacle surfaces approximately 2300' from threshold, 500' left of cntrln. Pilots must have trees in sight prior to descending from DH/MDA.

²When ALS inop, increase CAT ABCD vis to ¾ mile.

³When ALS inop, increase CAT A vis to 1 mile, CAT B to 1¼ miles.

⁴Cir auth fr ASR and PAR W/O GS only.

⁵No-NOTAM preventative maint sked: PAR 2100-0100Z++ Mon.

⁶When ALS inop, increase CAT AB vis to 1 mile, CAT CD to 2 miles.

⁷Circling to Rwy 3 NA at night when PAPI OTS.

⁸Visibility reduction for Helicopters NA.

⁹Step Down Fix at 3NM from RPI, 1180 min.

¹⁰Step Down Fix at 3NM from RPI altitude is less than Circling CAT BCD MDA.

¹¹Step Down Fix at 3NM from thld, 1120 min.

¹²Step Down Fix at 3NM altitude is less than Circling CAT BCD MDA.

28 NOV 2024 to 26 DEC 2024

28 NOV 2024 to 26 DEC 2024

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

23250

N1

SW-3

RADAR MINS

23250


N2

RADAR INSTRUMENT APPROACH MINIMUMS

MIRAMAR MCAS (JOE FOSS FLD) (KNKX), San Diego, CA Amdt 1

ELEV 477

07SEP23 (23250) (USN)

RADAR¹ - (E) 133.625 134.3x 266.8x 270.35 307.9x 328.4x 348.75 350.275 371.9 379.125 

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HATH/</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR ²	24R ³	3.0°/53/1136	ABCDE	575 -¼	100	(100-¼)
	24L	3.0°/46/1036	ABCDE	577 -½	100	(100-½)
PAR W/O GS ²	24R ^{4,5}		AB	820 -½	345	(400-½)
			CDE	820 -⅝	345	(400-⅝)
	24L		ABCDE	840 -1	363	(400-1)
ASR Z	6L ^{6,7}		AB	820 -1	388	(400-1)
			CDE	820 -1⅙	388	(400-1⅙)
	24R ^{8,9}		AB	940 -⅝	465	(500-⅝)
			CDE	940 -1	465	(500-1)
	24L ⁹		AB	940 -1	463	(500-1)
		CDE	940 -1⅓	463	(500-1⅓)	
ASR Y	6L		AB	1140 -1	708	(700-1)
			CDE	1140 -2	708	(700-2)
CIR ¹⁰	All Rwy		A	920 -1	443	(500-1)
			B	960 -1	483	(500-1)
			C	980 -1½	503	(600-1½)
			D	1180 -2¼	703	(800-2¼)
			E	1380 -3	903	(1000-3)

28 NOV 2024 to 26 DEC 2024

28 NOV 2024 to 26 DEC 2024

¹Other APP CON freq as asgn.

²No NOTAM MP: PAR O/S 1400-2000Z++ Tue.

³When ALS inop, increase vis to ½ mile.

⁴When ALS inop, increase vis to 1 mile.

⁵Step Down Fix at 4 NM from RPI, 1900 min, Step Down Fix at 2 NM from RPI, 1260 min.

⁶Step Down Fix at 2 NM from thld, 1120 min.

⁷Missed approach requires minimum climb of 238 ft/NM to 3900.

⁸When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅓ miles.

⁹Step Down Fix at 4 NM from thld, 1900 min, Step Down Fix at 2 NM from thld, 1260 min.

¹⁰CAT E circling not authorized S of Rwy 6R-24L.

SW-3

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

23250

N2

RADAR MINS

23250


N3


RADAR INSTRUMENT APPROACH MINIMUMS

NORTH ISLAND NAS (HALSEY FIELD) (KNZY), San Diego, CA Amdt 1

05NOV20 (23082) (USN)

ELEV 26

RADAR - (E) 127.7x 133.175x 318.8x 360.8x 353.5x 382.0x 385.5x 

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/ MDA-VIS</u>	<u>HAT/ HATH</u>	<u>CEIL-VIS</u>
PAR ¹	36 ²	3.0°/45/846	ABCDE	119-¼	100	(100-¼)
	29 ^{3,4,5}	3.0°/35/722	ABCDE	276-¾	250	(300-¾)
PAR W/O GS ¹	36 ⁶		AB	420-¾	401	(400-¾)
			CDE	420-1	401	(400-1)
	29 ^{4,7,8}		AB	540-¾	514	(600-¾)
			CDE	540-1	514	(600-1)
PAR E RWY 29 SHORT (OFFSET)	29 ^{1,3,4,9}	3.0°/35/722	A	620-2	594	(600-2)
PAR or PAR W/O GS D RWY 29 (OFFSET)	29 ^{1,4,5,7}		ABCDE	620-2	594	(600-2)
ASR	29 ^{7,10}		AB	540-¾	514	(600-¾)
			CDE	540-1	514	(600-1)
	36 ¹¹		A	760-¾	741	(800-¾)
			B	760-1	741	(800-1)
			CDE	760-1½	741	(800-1½)
ASR C RWY 29 (OFFSET)	29 ⁷		ABCDE	620-2	594	(600-2)
 CIR	29 ⁷		AB	620-2	594	(600-2)
			CDE	NOT AUTHORIZED		
	36		ABCDE	NOT AUTHORIZED		

28 NOV 2024 to 26 DEC 2024

28 NOV 2024 to 26 DEC 2024

¹No-NOTAM MP sked 2000-2400Z++ Mon.

²When ALS inop, increase vis to ½ mile.

³CAUTION: WCH Group 3: 15' and Group 4: 10' is less than required 20'.

⁴Rwy 29 VGSI and PAR TCH not coincident, VGSI TCH 46'.

⁵Visibility Reduction by Helicopters NA.

⁶When ALS inop, increase CAT AB vis to 1 mile, CAT CDE to 1½ miles.

⁷Cir auth to Rwy 18 only. Cir not auth W Rwy 18-36.

⁸When ALS inop, increase CAT AB vis to 1½ miles, CAT CDE to 1¾ miles.

⁹Minima applicable for rotorcraft short offset approaches.

¹⁰When ALS inop, increase CAT AB vis to 1 mile, CAT CDE to 1¾ miles.

¹¹When ALS inop, increase CAT A vis to 1 mile, CAT B to 1¼ miles, CAT CDE to 2 miles.

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

23250

N3

SW-3

RADAR INSTRUMENT APPROACH MINIMUMS

POINT MUGU NAS (NAVAL BASE VENTURA CO) (KNTD),

Oxnard, CA Amdt 2 31DEC20 (20366) (USN)

ELEV 13

RADAR¹ - (E) 123.75x 133.25 233.7x 269.225 350.25 353.925



	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/ MDA-VIS</u>	<u>HAT/HATH/ HAA</u>	<u>CEIL-VIS</u>
PAR	3 ²	3.0°/46/877	ABCDE	110-¾	100	(100-¾)
	21	3.0°/47/890	ABCDE	113-½	100	(100-½)
PAR	21(altn MAP) ³	3.0°/47/890	ABCDE	650-1¾	637	(700-1¾)
PAR W/O GS	3 ^{4,5}		ABCDE	300-¾	290	(300-¾)
	21 ^{6,7}		AB	420-¾	407	(500-¾)
			CDE	420-¾	407	(500-¾)
	21(altn MAP) ^{8,9}		ABCDE	420-1¾	407	(500-1¾)
ASR	3 ^{4,10}		ABCDE	320-¾	310	(400-¾)
	21 ^{6,11}		AB	420-¾	407	(500-¾)
			CDE	420-¾	407	(500-¾)
ASR	21(altn MAP) ^{8,11}		ABCDE	480-1¾	467	(500-1¾)
CIR ¹	3,21		A	440-1	427	(500-1)
			B	480-1	467	(500-1)
			C	480-1½	467	(500-1½)
			D	580-2	567	(600-2)
			E	NOT AUTHORIZED		

Expanded RADAR svc-All flt conducted under positive ctl. Inbd acft not opr under ATC or PLEAD ctc APP CON 25 NM out on 307.275 or 128.65.

Circling NA E of Rwy 3-21with PAR approach or when Alternate MAP Rwy 21 in use.

¹No-NOTAM preventive maint 1500-2000Z++ Tue.

²When ALS inop, increase vis to ½ mile.

³When ALS inop, increase vis to 1¾ miles.

⁴When ALS inop, increase vis to 1 mile.

⁵Step down fix at 2 NM from RPI, 460 min.

⁶When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ miles.

⁷Step down fix at 3 NM from RPI, 1000 min.

⁸When ALS inop, increase vis to 2½ miles.

⁹Step down fix at 3 NM from thld, 1000 min.

¹⁰Step down fix at 2 NM from thld, 460 min.

¹¹Step down fix at 4 NM from thld, 1300 min, 3 NM from thld, 1000 min.

28 NOV 2024 to 26 DEC 2024

28 NOV 2024 to 26 DEC 2024

RADAR INSTRUMENT APPROACH MINIMUMS

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SAN CLEMENTE ISLAND NALF (FREDERICK SHERMAN FLD)

(KNUC), San Clemente Island, CA Amdt 4 24FEB22 (22055) (USN)

ELEV 184

RADAR - (E) 127.05X 282.275 292.15 351.85X **▽**

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HATh/</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR ^{1 3 4}	24	3.0°/38/861	ABCDE	293-½	109	(200-½)
PAR ¹	W/O GS 24		AB	580-1	396	(400-1)
			CDE	580-1 ^{5/8}	396	(400-1 ^{5/8})
ASR ¹	24		AB	860-1	676	(700-1)
			CDE	860-1 ^{5/8}	676	(700-1 ^{5/8})
C CIR ²	W/O GS All Rwy		A	580-1	396	(400-1)
			B	640-1	456	(500-1)
			C	640-1 ^½	456	(500-1 ^½)
			DE	740-2	556	(600-2)
C CIR ²	All Rwy		AB	860-1	676	(700-1)
			C	860-2	676	(700-2)
			D	860-2 ^¼	676	(700-2 ^¼)
			E	860-2 ^½	676	(700-2 ^½)

¹No-NOTAM MP PAR/ASR 1800-2200Z++ Tue.

²Circling NA S of Rwy 6-24.

³CAUTION: WCH Group 3: 19ft and Group 4: 14ft is less than required 20ft.

³PAR TCH not coincident with RNAV TCH (50ft).

28 NOV 2024 to 26 DEC 2024

28 NOV 2024 to 26 DEC 2024

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