


RADAR INSTRUMENT APPROACH MINIMUMS

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

Amdt 3 30DEC21 (21364) (USN)

ELEV 78

RADAR - (E) 236.3 277.325  NA

	<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 miles, 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.

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LOS ALAMITOS AAF (KSLI), CA (1-Amdt 6, 2-Amdt 3, 3-Orig-A, 18144 USA)

ELEV 35

RADAR^{1 2} - (E) 124.75 127.95 279.5 285.55 290.9  **NA**

	<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>
RADAR 1						
PAR	22L ^{3 6 9}	3.0°/40/745	ABCD	285-¾	250	(300-¾)
PAR W/O GS	22L ^{3 4 6 7 9}		AB	420-¾	385	(400-¾)
			CD	420-⅞	385	(400-⅞)
RADAR 2						
COPTER PAR	22L ^{8 9}	4.0°/40/572	A	235-¼	200	(200-¼)
RADAR 3						
ASR	22L ^{4 5}		AB	440-¾	405	(500-¾)
			CD	440-1	405	(500-1)
CIR	22L ⁴		A	440-1	405	(500-1)
			B	500-1	465	(500-1)
			C	500-1½	465	(500-1½)
			D	600-2	565	(600-2)

¹PAR opr 1500-2300Z++ Mon and Fri, 2100-0500Z++ Tue-Thu, clsd wkend and hol.

²Multiple PAR apch avbl during VFR ctc twr for freq assn.

³When ALS inop, increase PAR Rwy 22L vis all CATs to ⅞ mile, increase PAR W/O GS Rwy 22L CAT D vis to 1½ miles.

⁴Circling NA N of Rwy 4L-22R.

⁵When ALS inop, increase vis all CATs ¼ mile.

⁶When local altimeter setting not received, use Santa Ana altimeter setting and increase all DAs 30 ft, MDAs 40 ft and increase PAR W/O GS CAT C and D vis to 1 mile.

⁷When ALS INOP and using Santa Ana altimeter setting, increase CAT D vis to 1½ SM.

⁸When local altimeter setting not received, use Santa Ana altimeter setting and increase DA 30 ft, increase vis to ¾ mile.

⁹VGSI and PAR glidepath not coincident.

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

(20282), (USN)

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

ELEV 477



	<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	24R ²	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 ^{5,8}	24R ³		AB	840 -½	365	(400-½)
			CDE	840 -¾	365	(400-¾)
	24L		ABCDE	840 -1	363	(400-1)
ASR	6L ⁷		AB	820 -1	388	(400-1)
			CDE	820 -1½	388	(400-1½)
	24R ^{4,8}		AB	940 -¾	465	(500-¾)
			CDE	940 -1	465	(500-1)
	24L ⁸		AB	940 -1	463	(500-1)
			CDE	940 -1¾	463	(500-1¾)
CIR ⁶	All Rwy		A	940 -1	463	(500-1)
			B	960 -1	483	(500-1)
			C	960 -1½	483	(500-1½)
			D	1180 -2¼	703	(800-2¼)
			E	1360 -3	883	(900-3)

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¹Other APP CON freq as asgn.

²When ALS inop, increase vis CAT ABCDE to ½ mile.

³When ALS inop, increase vis CAT ABCDE to 1 mile.

⁴When ALS inop, increase vis CAT AB to 1 mile, CAT CDE to 1½ miles.

⁵No NOTAM MP: PAR O/S 1400-2000Z++ Tue.

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

⁷Step Down Fix at 2 NM from thld, 1120 min.

⁸Step Down Fix at 4 NM from thld, 1900 min, Step Down Fix at 2 NM from thld, 1260 min.

RADAR INSTRUMENT APPROACH MINIMUMS

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

Amdt 1 05NOV20 (20310) (USN)

ELEV 26

RADAR - (E) 127.7x 133.175x 319.9x 350.8x 353.5x 382.0x 385.5x **▽**

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

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¹No-NOTAM MP sked 2000-2400Z++ Mon.

²Cir auth to Rwy 18 only. Cir not auth W Rwy 18-36.

³When ALS inop, increase vis CAT AB to 1½ miles, CAT CDE to 1¾ miles.

⁴When ALS inop, increase vis CAT AB to 1 mile, CAT CDE to 1¾ miles.

⁵When ALS inop, increase vis to ½ mile.

⁶When ALS inop, increase vis CAT A to 1 mile, CAT B to 1¼ miles, CAT CDE to 2 miles.

⁷Minima applicable for rotorcraft short offset approaches.

⁸When ALS inop, increase vis CAT AB to 1 mile, CAT CDE to 1¾ miles.

⁹CAUTION: WCH Group 3: 15' and Group 4: 10' is less than required 20'.

¹⁰Rwy 29 VGSI and PAR TCH not coincident, VGSI TCH 46'.

¹¹Visibility Reduction by Helicopters NA.

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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/</u> <u>MDA-VIS</u>	<u>HAT/HATH/</u> <u>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.

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SAN CLEMENTE ISLAND NALF (KNUC), (FREDERICK SHERMAN FLD), CA

(Amdt 1, 19311 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/ MDA-VIS</u>	<u>HAT/ HATh/ HAA</u>	<u>CEIL-VIS</u>
PAR ^{1,3}	24	3.0°/38/861	ABCDE	293-½	109	(200-½)
PAR ¹	W/O GS 24		AB	580-1	396	(400-1)
			CDE	580-1½	396	(400-1½)
ASR ¹	24		AB	860-1	676	(700-1)
			CDE	860-1½	676	(700-1½)
CIR ²	W/O GS All Rwy		A	580-1	396	(400-1)
			B	640-1	456	(500-1)
			C	640-1½	456	(500-1½)
			DE	740-2	556	(600-2)
CIR ²	All Rwy		AB	860-1	676	(700-1)
			C	860-2	676	(700-2)
			D	860-2¼	676	(700-2¼)
			E	860-2½	676	(700-2½)

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

²Circling not authorized S of Rwy 6-24.

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

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