


**RADAR INSTRUMENT APPROACH MINIMUMS**

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

(Amdt 1, 20030 USN)

ELEV 78

**RADAR - (E) 236.3 277.325**  **NA**

	<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	21 <sup>1 2 5</sup>	3.5°/49/847	ABCD	<b>387-¾</b>	309	(400-¾)
W/O GS	21 <sup>5 6</sup>		AB	<b>920-1</b>	842	(900-1)
			CD	<b>920-2</b>	842	(900-2)
ASR	21 <sup>3</sup>		AB	<b>1000-1</b>	922	(1000-1)
			CD	<b>1000-2½</b>	922	(1000-2½)
CIR	ALL RWY <sup>4 7</sup>		A	<b>1000-1¼</b>	922	(1000-1¼)
			B	<b>1180-1½</b>	1102	(1100-1½)
			CD	<b>1400-3</b>	1322	(1400-3)

<sup>1</sup>CAUTION - Trees penetrate obstacle surfaces within the visual portion of the procedure approximately 2200' from threshold. Pilots must have trees in sight prior to descending from decision height.

<sup>2</sup>When ALS inop, increase vis CAT ABCD to ¾ mile.

<sup>3</sup>When ALS inop, increase CAT AB vis to 1¼ miles.

<sup>4</sup>Cir auth fr ASR and PAR W/O GS only.

<sup>5</sup>No-NOTAM preventative maint sked: PAR 2100-0100Z++Mon.

<sup>6</sup>When ALS inop, increase CAT AB vis to 1¼ miles, CAT CD to 2½ miles.

<sup>7</sup>Circling to Rwy 3 NA at night when PAPI OTS.

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**RADAR INSTRUMENT APPROACH MINIMUMS**

# RADAR MINS

20366

N2

## RADAR INSTRUMENT APPROACH MINIMUMS

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

ELEV 35

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

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

<sup>2</sup>Multiple PAR apch avbl during VFR ctc twr for freq assn.

<sup>3</sup>When ALS inop, increase PAR Rwy 22L vis all CATs to ¾ mile, increase PAR W/O GS Rwy 22L CAT D vis to 1½ miles.

<sup>4</sup>Circling NA N of Rwy 4L-22R.

<sup>5</sup>When ALS inop, increase vis all CATs ¼ mile.

<sup>6</sup>When 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.

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

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

<sup>9</sup>VGSI and PAR glidepath not coincident.

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SW-3

## RADAR INSTRUMENT APPROACH MINIMUMS

# RADAR MINS

20366

N2

**RADAR INSTRUMENT APPROACH MINIMUMS**

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

(20282) (USN)

**RADAR<sup>1</sup> - (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 <sup>2</sup>	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 <sup>5,8</sup>	24R <sup>3</sup>		AB	840-½	365	(400-½)
			CDE	840-¾	365	(400-¾)
	24L		ABCDE	840-1	363	(400-1)
ASR	6L <sup>7</sup>		AB	820-1	388	(400-1)
			CDE	820-1½	388	(400-1½)
	24R <sup>4,8</sup>		AB	940-¾	465	(500-¾)
			CDE	940-1	465	(500-1)
	24L <sup>8</sup>		AB	940-1	463	(500-1)
			CDE	940-1¾	463	(500-1¾)
CIR <sup>6</sup>	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)

<sup>1</sup>Other APP CON freq as asgn.

<sup>2</sup>When ALS inop, increase vis CAT ABCDE to ½ mile.

<sup>3</sup>When ALS inop, increase vis CAT ABCDE to 1 mile.

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

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

<sup>6</sup>CAT E circling not authorized S of Rwy 6R-24L.

<sup>7</sup>Step Down Fix at 2 NM from thld, 1120 min.

<sup>8</sup>Step Down Fix at 4 NM from thld, 1900 min, Step Down Fix at 2 NM from thld, 1260 min.

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**RADAR INSTRUMENT APPROACH MINIMUMS**

**RADAR INSTRUMENT APPROACH MINIMUMS**

**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/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAT<sup>h</sup></u>	<u>CEIL-VIS</u>
PAR <sup>1</sup>	36 <sup>5</sup>	3.0°/45/846	ABCDE	119-¾	100	(100-¾)
	29 <sup>9 10 11</sup>	3.0°/35/722	ABCDE	276-¾	250	(300-¾)
PAR W/O GS <sup>1</sup>	36 <sup>8</sup>		AB	420-¾	401	(400-¾)
			CDE	420-1	401	(400-1)
	29 <sup>2 3 10</sup>		AB	540-¾	514	(600-¾)
			CDE	540-1	514	(600-1)
PAR E RWY 29 SHORT (OFFSET)	29 <sup>17 9 10</sup>	3.0°/35/722	A	620-2	594	(600-2)
PAR or PAR W/O GS D RWY 29 (OFFSET)	29 <sup>12 10 11</sup>		ABCDE	620-2	594	(600-2)
ASR	29 <sup>2 4</sup>		AB	540-¾	514	(600-¾)
			CDE	540-1	514	(600-1)
	36 <sup>6</sup>		A	760-¾	741	(800-¾)
			B	760-1	741	(800-1)
			CDE	760-1½	741	(800-1½)
ASR C RWY 29 (OFFSET)	29 <sup>2</sup>		ABCDE	620-2	594	(600-2)
<b>C</b> CIR	29 <sup>2</sup>		AB	620-2	594	(600-2)
			CDE	<b>NOT AUTHORIZED</b>		
	36		ABCDE	<b>NOT AUTHORIZED</b>		

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<sup>1</sup>No-NOTAM MP sked 2000-2400Z++ Mon.

<sup>2</sup>Cir auth to Rwy 18 only. Cir not auth W Rwy 18-36.

<sup>3</sup>When ALS inop, increase vis CAT AB to 1½ miles, CAT CDE to 1½ miles.

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

<sup>5</sup>When ALS inop, increase vis to ½ mile.

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

<sup>7</sup>Minima applicable for rotorcraft short offset approaches.

<sup>8</sup>When ALS inop, increase vis CAT AB to 1 mile, CAT CDE to 1½ miles.

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

<sup>10</sup>Rwy 29 VGSI and PAR TCH not coincident, VGSI TCH 46'.

<sup>11</sup>Visibility Reduction by Helicopters NA.

**RADAR INSTRUMENT APPROACH MINIMUMS**

**RADAR INSTRUMENT APPROACH MINIMUMS**

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

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

ELEV 13

**RADAR<sup>1</sup> - (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 <sup>2</sup>	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) <sup>3</sup>	3.0°/47/890	ABCDE	650-1¾	637	(700-1¾)
PAR W/O GS	3 <sup>45</sup>		ABCDE	300-¾	290	(300-¾)
	21 <sup>67</sup>		AB	420-¾	407	(500-¾)
			CDE	420-¾	407	(500-¾)
	21(altn MAP) <sup>89</sup>		ABCDE	420-1¾	407	(500-1¾)
ASR	3 <sup>410</sup>		ABCDE	320-¾	310	(400-¾)
	21 <sup>611</sup>		AB	420-¾	407	(500-¾)
			CDE	420-¾	407	(500-¾)
ASR	21(altn MAP) <sup>811</sup>		ABCDE	480-1¾	467	(500-1¾)
CIR <sup>1</sup>	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	<b>NOT AUTHORIZED</b>		

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.

<sup>1</sup>No-NOTAM preventive maint 1500-2000Z++ Tue.

<sup>2</sup>When ALS inop, increase vis to ½ mile.

<sup>3</sup>When ALS inop, increase vis to 1¾ miles.

<sup>4</sup>When ALS inop, increase vis to 1 mile.

<sup>5</sup>Step down fix at 2 NM from RPI, 460 min.

<sup>6</sup>When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1¾ miles.

<sup>7</sup>Step down fix at 3 NM from RPI, 1000 min.

<sup>8</sup>When ALS inop, increase vis to 2½ miles.

<sup>9</sup>Step down fix at 3 NM from thld, 1000 min.

<sup>10</sup>Step down fix at 2 NM from thld, 460 min.

<sup>11</sup>Step down fix at 4 NM from thld, 1300 min, 3 NM from thld, 1000 min.

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**RADAR INSTRUMENT APPROACH MINIMUMS**

**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/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HATh/</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR <sup>1,3</sup>	24	3.0°/38/861	ABCDE	<b>293-½</b>	109	(200-½)
PAR <sup>1</sup>	W/O GS 24		AB	<b>580-1</b>	396	(400-1)
			CDE	<b>580-1</b> <sup>⅙</sup>	396	(400-1⅙)
ASR <sup>1</sup>	24		AB	<b>860-1</b>	676	(700-1)
			CDE	<b>860-1</b> <sup>⅙</sup>	676	(700-1⅙)
CIR <sup>2</sup>	W/O GS All Rwy		A	<b>580-1</b>	396	(400-1)
			B	<b>640-1</b>	456	(500-1)
			C	<b>640-1</b> <sup>½</sup>	456	(500-1½)
			DE	<b>740-2</b>	556	(600-2)
CIR <sup>2</sup>	All Rwy		AB	<b>860-1</b>	676	(700-1)
			C	<b>860-2</b>	676	(700-2)
			D	<b>860-2</b> <sup>¼</sup>	676	(700-2¼)
			E	<b>860-2</b> <sup>⅓</sup>	676	(700-2⅓)

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

<sup>2</sup>Circling not authorized S of Rwy 6-24.

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

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