

RADAR MINS


23110

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.

18 MAY 2023 to 15 JUN 2023

18 MAY 2023 to 15 JUN 2023

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR MINS

23110

N1

SW-3

RADAR INSTRUMENT APPROACH MINIMUMS

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) |

18 MAY 2023 to 15 JUN 2023

18 MAY 2023 to 15 JUN 2023

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

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/ HAA</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) |
| C CIR | 29 ⁷ | | AB | 620-2 | 594 | (600-2) |
| | | | CDE | NOT AUTHORIZED | | |
| | 36 | | ABCDE | NOT AUTHORIZED | | |

18 MAY 2023 to 15 JUN 2023

18 MAY 2023 to 15 JUN 2023

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 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/</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 - ³ / ₄ | 100 | (100- ¹ / ₄) |
| | 21 | 3.0°/47/890 | ABCDE | 113 - ¹ / ₂ | 100 | (100- ¹ / ₂) |
| PAR | 21(altn MAP) ³ | 3.0°/47/890 | ABCDE | 650 -1 ³ / ₆ | 637 | (700-1 ³ / ₆) |
| PAR W/O GS | 3 ^{4,5} | | ABCDE | 300 - ³ / ₄ | 290 | (300- ³ / ₄) |
| | 21 ^{6,7} | | AB | 420 - ⁵ / ₆ | 407 | (500- ⁵ / ₆) |
| | | | CDE | 420 - ³ / ₄ | 407 | (500- ³ / ₄) |
| | 21(altn MAP) ^{8,9} | | ABCDE | 420 -1 ³ / ₄ | 407 | (500-1 ³ / ₄) |
| ASR | 3 ^{4,10} | | ABCDE | 320 - ³ / ₄ | 310 | (400- ³ / ₄) |
| | 21 ^{6,11} | | AB | 420 - ⁵ / ₆ | 407 | (500- ⁵ / ₆) |
| | | | CDE | 420 - ³ / ₄ | 407 | (500- ³ / ₄) |
| ASR | 21(altn MAP) ^{8,11} | | ABCDE | 480 -1 ¹ / ₆ | 467 | (500-1 ¹ / ₆) |
| CIR ¹ | 3,21 | | A | 440 -1 | 427 | (500-1) |
| | | | B | 480 -1 | 467 | (500-1) |
| | | | C | 480 -1 ¹ / ₂ | 467 | (500-1 ¹ / ₂) |
| | | | 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 1/2 mile.

³When ALS inop, increase vis to 1 3/4 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 1 1/6 miles.

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

⁸When ALS inop, increase vis to 2 1/2 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.

18 MAY 2023 to 15 JUN 2023

18 MAY 2023 to 15 JUN 2023

RADAR INSTRUMENT APPROACH MINIMUMS

RADAR INSTRUMENT APPROACH MINIMUMS

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).

18 MAY 2023 to 15 JUN 2023

18 MAY 2023 to 15 JUN 2023

RADAR INSTRUMENT APPROACH MINIMUMS