




RADAR INSTRUMENT APPROACH MINIMUMS

NORFOLK NS (CHAMBERS FLD) (KNGU), Norfolk, VA Amdt 9 23MAR23

(24193) (USN)

ELEV 15

RADAR - (E) 119.2x 120.2x 279.525 322.525 335.8 353.55 

	<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	10 ^{2 3}	3.0°/54/1020	ABCDE	114 - ³ / ₄	100	(100- ³ / ₄)
	28 ⁴	3.0°/37/719	ABCDE	316 - ³ / ₄	302	(400- ³ / ₄)
PAR W/O GS ¹	28 ^{5 6}		ABCDE	380 - ³ / ₄	366	(400- ³ / ₄)
	10 ^{7 8 9}		AB	440 - ¹ / ₂	426	(500- ¹ / ₂)
			CDE	440 - ³ / ₄	426	(500- ³ / ₄)
ASR	28 ^{6 10 11}		AB	420 - ³ / ₄	406	(500- ³ / ₄)
			CDE	420 -1	406	(500-1)
	10 ¹²		AB	720 - ¹ / ₂	706	(800- ¹ / ₂)
			CDE	720 -1 ⁵ / ₈	706	(800-1 ⁵ / ₈)
 CIR PAR W/O GS ^{13 14} 10			A	480 -1	465	(500-1)
			B	540 -1	525	(600-1)
			C	540 -1 ¹ / ₂	525	(600-1 ¹ / ₂)
			D	580 -2	565	(600-2)
			E	580 -2	565	(600-2)
	28		A	480 -1	465	(500-1)
			B	540 -1	525	(600-1)
			C	540 -1 ¹ / ₂	525	(600-1 ¹ / ₂)
			D	580 -2	565	(600-2)
			E	580 -2	565	(600-2)
 CIR ASR ^{13 14} 28			A	480 -1	465	(500-1)
			B	540 -1	525	(600-1)
			C	540 -1 ¹ / ₂	525	(600-1 ¹ / ₂)
			D	580 -2	565	(600-2)
			E	580 -2	565	(600-2)
	10		AB	720 -1	705	(800-1)
			C	720 -2	705	(800-2)
			D	720 -2 ¹ / ₄	705	(800-2 ¹ / ₄)
			E	720 -2 ¹ / ₂	705	(800-2 ¹ / ₂)

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¹No-NOTAM MP Mon 1030-1430Z++.

²When ALS inop, increase CAT ABCDE vis to 1/2 mile.

³PAPI RRP/TCH 669/35 not coincident with PAR RPI/TCH 1020/54.

⁴When ALS inop, increase CAT ABCDE vis to 3/8 mile.

⁵When ALS inop, increase CAT ABCDE vis to 1 mile.

⁶Helicopter vis reduction below 3/4 mile not authorized.

⁷When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1 1/4 miles.

⁸VGSI and descent angles not coincident (VGSI Angle 3.00/TCH 35).

⁹Step down fix at 3 NM from RPI, 960 min.

¹⁰When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1 1/8 miles.

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

¹²When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 2 miles.

¹³Cir not auth south of Rwy 10-28.

¹⁴Norfolk NS Heliport lctd 1 NM NW, use caution in cir aprch.


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OCEANA NAS (APOLLO SOUCEK FLD) (KNTU), Virginia Beach, VA

Amdt 7 30DEC21 (22083) (USN)

ELEV 22

RADAR⁶ - (E) 124.825 310.8 328.4 346.4 348.75 352.1 363.1 

	<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	5R ¹	3.0°/50/947	ABCDE	119-¾	100	(100-¾)
	23L ¹	3.0°/50/962	ABCDE	121-¾	100	(100-¾)
	32L ¹	3.0°/50/952	ABCDE	122-¾	100	(100-¾)
	5L	3.0°/50/956	ABCDE	120-½	100	(100-½)
	23R	3.0°/50/959	ABCDE	120-½	100	(100-½)
	32R	3.0°/50/955	ABCDE	120-½	100	(100-½)
ASR ⁴	5R ²		AB	420-½	401	(400-½)
			CDE	420-¾	401	(400-¾)
	23L ²		AB	440-½	419	(500-½)
			CDE	440-¾	419	(500-¾)
	32L ²		AB	440-½	418	(500-½)
			CDE	440-¾	418	(500-¾)
	5L		AB	440-1	420	(500-1)
			CDE	440-1½	420	(500-1½)
	14L		AB	440-1	421	(500-1)
			CDE	440-1¼	421	(500-1¼)
	14R		AB	440-1	419	(500-1)
			CDE	440-1½	419	(500-1½)
23R		AB	440-1	420	(500-1)	
		CDE	440-1½	420	(500-1½)	
32R		AB	440-1	420	(500-1)	
		CDE	440-1½	420	(500-1½)	
SIDESTEP ³	5L		AB	440-1⅜	420	(500-1⅜)
			C	440-1½	420	(500-1½)
			DE	440-2	420	(500-2)
	23L ⁵		AB	440-¾	419	(500-¾)
			C	440-1	419	(500-1)
			DE	440-1½	419	(500-1½)
23R		AB	440-1	420	(500-1)	
		C	440-1½	419	(500-1½)	
		DE	440-2	420	(500-2)	
32R		AB	440-1	420	(500-1)	
		C	440-1½	420	(500-1½)	
		DE	440-2	420	(500-2)	
 CIR	ALL RWY		AB	500-1	478	(500-1)
			C	600-1½	578	(600-1½)
			D	600-2	578	(600-2)
			E	900-3	878	(900-3)

¹When ALS inop, increase CAT ABCDE vis to ½ mile.

²When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1¼ miles.

³Sidestep ASR only.

⁴Step Down Fix at 3 NM from thld, 1020' min.

⁵When ALS inop, increase CAT AB vis to 1 mile, CAT C vis to 1½ miles, CAT DE vis to 2 miles.

⁶No-NOTAM preventive maint 1100-1300Z++ Tue.

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PATUXENT RIVER NAS (TRAPNELL FIELD) (KNHK), Patuxent River, MD

Amdt 2 02DEC21 (22111) (USN)

ELEV 39

RADAR - (E) 120.05 121.0 135.025 250.3 257.75 281.8 318.8 348.0 362.6 **▼**

	<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	6 ^{2,3}	3.0°/46/986	ABCDE	139 -¼	100	(100-¼)
	24 ⁴	3.0°/44/828	ABCDE	120 -½	100	(100-½)
	14 ⁵	3.0°/41/809	ABCDE	127 -½	100	(100-½)
	32	3.0°/48/889	ABCDE	268 -¾	250	(300-¾)
PAR W/O GS	14 ⁶		ABCDE	380 -1	353	(400-1)
	24		ABCDE	380 -1	360	(400-1)
	32		ABCDE	360 -1	342	(400-1)
	6 ⁷		AB	500 -⅝	461	(500-⅝)
			CDE	500 -1	461	(500-1)
ASR	14 ⁸		ABCDE	400 -1	373	(400-1)
	32		AB	400 -1	382	(400-1)
			CDE	400 -1⅙	382	(400-1⅙)
	6 ^{7,8}		AB	520 -½	481	(500-½)
			CDE	520 -1	481	(500-1)
	24		AB	440 -1	420	(500-1)
			CDE	440 -1⅙	420	(500-1⅙)
CIR	6-24, 14-32		A	560 -1	521	(600-1)
			B	600 -1	561	(600-1)
			C	620 -1½	581	(600-1½)
			D	680 -2	641	(700-2)
			E	800 -2¾	761	(800-2¾)

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¹PAR No-NOTAM preventive maint period Wed 1300-1700Z++.

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

³CAUTION: TCH (46 feet) is less than the min TCH (50 feet).

⁴CAUTION: TCH (44 feet) is less than the min TCH (50 feet).

⁵CAUTION: TCH (41 feet) is less than the min TCH (50 feet).

⁶Step Down Fix at 2NM from RPI, 640' min.

⁷When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅙ miles.

⁸Step Down Fix at 2NM from thld, 680' min.

RADAR INSTRUMENT APPROACH MINIMUMS

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QUANTICO MCAF (TURNER FLD) (KNYG), Quantico, VA Amdt 8

07SEP23 (23250) (USN)

ELEV 10

RADAR¹ - 120.925 351.95 353.65 363.15 **▼**

	<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>
ASR ²	2		AB CD	560-1½ 560-1%	551 551	(600-1½) (600-1%)
C CIR ASR ³	2		A B C D	560-1½ 660-1½ 700-2 740-2¼	550 650 690 730	(600-1½) (700-1½) (700-2) (800-2¼)

¹GCA avbl daily during published field opr hours. Ctc twr for freq asgn.

²VGSI and final descent angle not coincident.

³Circling NA W of Rwy 2-20.

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