

RADAR INSTRUMENT APPROACH MINIMUMS

JACKSONVILLE NAS (TOWERS FLD) (KNIP), Jacksonville, FL

Amdt 7 07SEP23 (24193) (USN)

RADAR¹ - (E) 127.7x 266.8x 276.4x 282.375 299.6 328.4 348.0x 363.0x 379.225x



ELEV 23

	<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	10 ^{2 3} 28 ^{2 4 5}	3.0°/40/793 3.0°/40/751	ABCDE ABCDE	121-¾ 113-¾	100 100	(100-¾) (100-¾)
PAR W/O GS ¹	10 ⁶ 28 ^{6 7}		ABCDE ABCDE	400-⅝ 340-¾	379 327	(400-⅝) (400-¾)
ASR	28 ^{8 9} 10 ^{8 10}		ABCDE AB CDE	360-¾ 440-½ 440-¾	347 419 419	(400-¾) (500-½) (500-¾)
CIR	All Rwy		AB C D E	500-1⅙ 560-1½ 780-2½ 920-3	477 537 757 897	(500-1⅙) (600-1½) (800-2½) (900-3)

¹No-NOTAM MP: PAR 1200-1600Z++ Tue.

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

³Rwy 10 VGSI and PAR glidepath not coincident VGSI angle 3.00/TCH 51.

⁴CAUTION: Wheel Crossing Height (WCH) for aircraft similar to B-747/767/720/757, DC-10, A-300, KC-10, E-4, C-5, and VC-25 is 15 ft.

⁵Rwy 28 VGSI and PAR glidepath not coincident VGSI angle 3.00/TCH 62.

⁶When ALS inop, increase vis to 1⅙ miles.

⁷Step Down Fix at 2 NM from RPI, 660 min.

⁸ASR Rwy 10 and 28, Step Down Fix at 2 NM from thld, 700 min.

⁹When ALS inop, increase vis to 1 mile.

¹⁰When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1⅙ miles.

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KEY WEST NAS (BOCA CHICA FLD) (KNQX), Key West, FL Amdt 3

23FEB23 (23054) (USN)

ELEV 6

RADAR¹ - (E) 134.925x 284.67x 348.25x 317.575x 

	<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>CEIL-VIS</u>
PAR ²	8 ^{3 4}	3.0°/44/831	ABCDE	104-¾	100	(100-¾)
	4 ⁵	3.0°/35/656	ABCDE	104-½	100	(100-½)
	26	3.0°/45/848	ABCDE	106-½	100	(100-½)
PAR W/O GS	26		ABCDE	360-1	354	(400-1)
	4 ⁶		ABCDE	360-1⅙	356	(400-1⅙)
	8 ⁷		AB	420-⅝	416	(500-⅝)
			CDE	420-¾	416	(500-¾)
ASR	4 ⁸		ABCDE	360-1	356	(400-1)
	14		ABCDE	380-1	376	(400-1)
	32 ⁸		ABCDE	360-1	356	(400-1)
	8 ^{7 9}		AB	420-½	416	(500-½)
			CDE	420-¾	416	(500-¾)
	22 ¹⁰		AB	460-1	454	(500-1)
			CDE	460-1⅙	454	(500-1⅙)
	26		AB	460-1	454	(500-1)
			CDE	460-1⅙	454	(500-1⅙)
C CIR	4, 8, 26		A	440-1⅙	434	(500-1⅙)
PAR W/O GS			B	500-1⅙	494	(500-1⅙)
			C	500-1½	494	(500-1½)
			DE	560-2	554	(600-2)
C CIR ASR		A	460-1	454	(500-1)	
		B	500-1	494	(500-1)	
		C	500-1½	494	(500-1½)	
		DE	560-2	554	(600-2)	

¹Opr 1200-0300Z++. No NOTAM MP DASR 1200-1700Z++ Tues. NQX DASR unmt0 outside publ fld hr.
²No NOTAM preventative maint sked: PAR 1300-1700Z++ Wed.
³When ALS inop, increase vis to ½ mile.
⁴WCH (Group 4: 18 ft) is less than the minimum height (20).
⁵WCH (Group 3: 16 ft, Group 4: 11 ft) is less than the minimum height (20).
⁶SDF at 3 NM from touchdown at or above 960' MSL.
⁷When ALS inop, increase CAT AB vis to 1 mile, CDE vis to 1½ miles.
⁸SDF at 2 NM from thld at or above 640' MSL.
⁹SDF at 2 NM from thld at or above 680' MSL.
¹⁰34:1 visual area penetrated. Visibility reduction by copters not authorized.

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MAYPORT NS (ADM DAVID L. MC DONALD FLD) (KNRB),

Mayport, FL Amdt 7 05SEP24 (24249) (USN)

ELEV 15

RADAR¹ - (E) 119.7 125.525x 253.95x 257.875x 323.25x 355.6x 377.175 379.025x 

	<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	5	3.0°/47/887	ABCDE	212 -¾	200	(200-¾)
	23 ^{2 3 4}	3.0°/50/937	ABCDE	319 -1	304	(400-1)
	COP 5	3.0°/47/887	COPTER	167 -½	155	(200-½)
	COP 23 ^{2 3}	3.0°/50/937	COPTER	319 -1	304	(400-1)
PAR W/O GS	5 ⁵		AB	400 -1	388	(400-1)
			CDE	400 -1½	388	(400-1½)
	23 ^{3 4}		AB	420 -1	405	(500-1)
			CDE	420 -1½	405	(500-1½)
ASR	5 ⁶		AB	500 -1	488	(500-1)
			CDE	500 -1¾	488	(500-1¾)
	23 ^{3 4}		AB	520 -1	505	(600-1)
			CDE	520 -1¾	505	(600-1¾)
 CIR	5-23 ^{3 7}		AB	560 -1	545	(600-1)
PAR W/O GS			C	560 -1½	545	(600-1½)
ASR			D	620 -2	605	(700-2)
			E	620 -2¼	605	(700-2¼)

¹No-NOTAM preventive maint ASR 1100-1500Z++ Tue., PAR 1100-1500Z++ Wed. Mayport DASR unmto outside of publ fld hr.

²Procedure is authorized only when the St. Johns River is clear of vessels from the mouth of Haulover Creek to St. Johns Point. ATC will advise aircraft on final approach if a conflict is present and coordinate a missed approach as required. Does not apply to practice approaches in VMC.

³Vessels with masts up to 150' transitioning the St. Johns River within 1 NM of Rwy 23 thld.

⁴Visibility reduction by helicopters NA.

⁵Step Down Fix at 2 NM from TD, 640 min.

⁶Step Down Fix at 3 NM from thld, 1040 min.

⁷CAUTION: When Rwy 23 VGSI inop, circling to Rwy 23 NA at night, unless station has an approved observer monitoring marine traffic in the St. Johns River channel.

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PENSACOLA NAS (FORREST SHERMAN FLD) (KNPA)

Pensacola, FL Amdt 7 12JUN25 (25163) (USN)

ELEV 28

RADAR¹ - (E) 128.25 239.05 285.625 288.325 305.2 318.8 348.725 

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DH/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAT_h</u> <u>HAA</u>	<u>CEIL-VIS</u>
PAR ²	7L ³	3.0°/56/1093	ABCDE	123- ¹ / ₄	100	(100- ¹ / ₄)
	25L	3.0°/52/1001	ABCDE	126- ¹ / ₂	104	(100- ¹ / ₂)
	7R ⁴	3.0°/54/1020	ABCDE	127-1	102	(100-1)
	19 ⁴	3.0°/55/994	ABCDE	122-1	100	(100-1)
	25R ⁵	3.0°/56/1042	ABCDE	121-1	100	(100-1)
PAR W/O GS	1 ⁴	3.0°/55/1050	ABCDE	129- ¹ / ₂	101	(200- ¹ / ₂)
	7L ^{6,7}		AB	380- ¹ / ₂	357	(400- ¹ / ₂)
			CDE	380- ⁵ / ₈	357	(400- ⁵ / ₈)
	7R ⁷		ABCDE	380-1	355	(400-1)
	1 ⁷		ABCDE	380-1	352	(400-1)
	25L ⁷		AB	420-1	398	(400-1)
			CDE	420-1 ¹ / ₆	398	(400-1 ¹ / ₆)
	25R ⁷		AB	420-1	399	(400-1)
			CDE	420-1 ¹ / ₆	399	(400-1 ¹ / ₆)
	19 ⁸		AB	440-1	418	(500-1)
PAR W/O GS SIDESTEP	7R		CDE	440-1 ¹ / ₆	418	(500-1 ¹ / ₆)
			AB	380-1	355	(400-1)
			C	380-1 ¹ / ₂	355	(400-1 ¹ / ₂)
			DE	380-2	355	(400-2)
	25L		AB	420-1	398	(400-1)
ASR			C	420-1 ¹ / ₂	398	(400-1 ¹ / ₂)
			DE	420-2	398	(400-2)
	7L ⁹		AB	480- ¹ / ₂	457	(500- ¹ / ₂)
			CDE	480- ⁷ / ₈	457	(500- ⁷ / ₈)
	7R		AB	480-1	455	(500-1)
			CDE	480-1 ³ / ₈	455	(500-1 ³ / ₈)
	1		AB	460-1	432	(500-1)
			CDE	460-1 ¹ / ₄	432	(500-1 ¹ / ₄)
	19 ¹⁰		AB	480-1	458	(500-1)
			CDE	480-1 ³ / ₈	458	(500-1 ³ / ₈)
ASR SIDESTEP	25L ¹⁰		AB	480-1	458	(500-1)
			CDE	480-1 ³ / ₈	458	(500-1 ³ / ₈)
	25R ¹⁰		AB	480-1	459	(500-1)
			CDE	480-1 ³ / ₈	459	(500-1 ³ / ₈)
	7R ¹¹		AB	480-1	455	(500-1)
			C	480-1 ¹ / ₂	455	(500-1 ¹ / ₂)
			DE	480-2	455	(500-2)
	25L ¹²		AB	480-1	458	(500-1)
			C	480-1 ¹ / ₂	458	(500-1 ¹ / ₂)
			DE	480-2	458	(500-2)
 CIR	All Rwy		AB	520-1	492	(500-1)
			C	540-1 ¹ / ₂	512	(600-1 ¹ / ₂)
			D	600-2	572	(600-2)
			E	640-2 ¹ / ₄	612	(700-2 ¹ / ₄)

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PENSACOLA NAS (FORREST SHERMAN FLD) (KNPA) (Continued)

- ¹No-NOTAM MP: PAR 1400-1800Z++ Sat.
- ²34:1 penetrations left and right of rwy, unlit trees.
- ³When ALS inop, increase vis to ½ mile.
- ⁴VGSI and PAR TCH not coincident, VGSI TCH 55.
- ⁵VGSI and PAR TCH not coincident, VGSI TCH 56.
- ⁶When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ mile.
- ⁷Step Down Fix at 2 NM from touchdown at or above 620' MSL.
- ⁸Step Down Fix (SDF) at 2 NM from touchdown at or above 640' MSL.
- ⁹When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1½ mile.
- ¹⁰Step Down Fix (SDF) at 2 NM from rwy thld at or above 700' MSL.
- ¹¹Sidestep within 2.5 DME of NPA TACAN (1.73 NM from thld).
- ¹²Sidestep within 2.5 DME of NPA TACAN (1.94 NM from thld).

TALLAHASSEE, FL Amdt 6B, 20JUN19 (23222) (FAA) ELEV 83

TALLAHASSEE INTL (TLH)

RADAR-1 135.8 317.4 

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	36		AB	460/24	398	(400-½)	CD	460/35	398	(400-¾)
	27		AB	480/24	422	(500-½)	CD	480/40	422	(500-¾)
	9		AB	500/55	435	(500-1)	CD	500-1¼	435	(500-1¼)
	18		AB	560-1	477	(500-1)	CD	560-1¾	477	(500-1¾)
 CIRCLING	ALL RWY		A	580-1	497	(500-1)	B	600-1	517	(600-1)
			C	640-1½	557	(600-1½)	D	800-2¼	717	(800-2¼)

When control tower closed, ASR NA.
Rwy 9 helicopter visibility reduction below RVR 4000 not authorized.

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TYNDALL AFB (KPAM)

Panama City, FL Amdt 4 12JUN25 (25163) (USAF) ELEV 17
RADAR¹ - (E) 125.2 392.1 (N above 5000') 120.825 379.3 (N below 5000') 124.15 338.35 (S above 5000')
119.775 317.45 (S below 5000') 

	<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	14L ³	2.5°/49/1182	ABCDE	214/24	200	(200-½)
	32R ³	2.5°/50/1145	ABCDE	214/24	200	(200-½)
	14R ⁴	2.5°/36/815	ABCDE	215-¾	200	(200-¾)
	32L ⁵	2.5°/41/941	ABCDE	217-¾	200	(200-¾)
ASR ²	14L ⁶		AB	480/24	466	(500-½)
			CDE	480/50	466	(500-1)
	32R ⁶		AB	480/24	466	(500-½)
			CDE	480/50	466	(500-1)
	14R		AB	480-1	465	(500-1)
			CDE	480-1¾	465	(500-1¾)
	32L		AB	480-1	463	(500-1)
			CDE	480-1¾	463	(500-1¾)

 CIR	All Rwy	AB	540-1	523	(600-1)
		C	540-1½	523	(600-1½)
		D	580-2	563	(600-2)
		E	620-2¼	603	(700-2¼)

¹ No-NOTAM preventive maint sked: DASR/STARS 0930-1130Z++ Mon-Fri. PAR 1200-1400Z++ Mon-Fri.
² When ASR out PAR not avbl.
³ When ALS inop, increase RVR to 40 and vis to ¾ mile.
⁴ CAUTION: Height Group 3 WCH 16', Height Group 4 WCH 11'.
⁵ CAUTION: Height Group 4 WCH 16'.
⁶ When ALS inop, increase CAT AB RVR to 55 and vis to 1 mile, CAT CDE vis to 1¾ miles.

WHITING FLD NAS-NORTH (KNSE)

Milton, FL Amdt 8 12JUN25 (25163) (USN) ELEV 199
RADAR¹ - Ctc PENSACOLA APP CON (E) 126.85 127.35 278.8 298.9 

	<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	14 ^{2,3}		ABCDE	500-½	301	(400-½)
	23 ⁴		ABCDE	540-1	357	(400-1)
	5 ⁵		AB	600-1	420	(500-1)
			CDE	600-1½	420	(500-1½)
CIR ^{6,7}	5, 14, 23, 32		A	600-1	401	(500-1)
			B	660-1	461	(500-1)
			C	660-1½	461	(500-1½)
			DE	760-2	561	(600-2)

¹ Apch only avbl dur NDZ opr hr.
² When ALS inop, increase vis CAT ABCDE to 1 mile.
³ Step Down Fix at 2 NM from thld, 880 min.
⁴ Step Down Fix at 2 NM from thld, 820 min.
⁵ Step Down Fix at 3 NM from thld, 1180 min.
⁶ Circling not authorized S of Rwy 5 and 32. Caution - Whiting Fld NAS - South 1 NM South.
⁷ When circling to Rwy 32 at Night, operational VGSI required, remain on or above VGSI glidepath until thld.

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WHITING FLD NAS-SOUTH (KNDZ), Milton, FL Amdt 9 28DEC23
(25135) (USN)
RADAR¹ - Ctc PENSACOLA APP CON (E) 124.85 288.325 298.8 343.6 343.65 371.85 

ELEV 177

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATH/ HAA	CEIL-VIS
PAR	32	3.0°/54/952	ABCDE	280-½	108	(200-½)
	23	3.0°/56/937	ABCDE	377-¾	200	(200-¾)
PAR W/O GS	32 ^{2,3}		ABCDE	460-⅝	288	(300-⅝)
	23 ⁴		ABCDE	460-1	283	(300-1)
ASR	32 ^{2,5}		AB	540-½	368	(400-½)
			CDE	540-⅝	368	(400-⅝)
	23 ⁵		ABCDE	520-1	343	(400-1)
	5 ⁶		AB	600-1	430	(500-1)
			CDE	600-1¼	430	(500-1¼)
	14 ⁷		AB	600-1	424	(500-1)
			CDE	600-1¼	424	(500-1¼)
 CIR	All Rwys ⁸		A	600-1	423	(500-1)
			B	640-1	463	(500-1)
			C	660-1½	483	(500-1½)
			DE	740-2	563	(600-2)

¹Apch only avbl 1400-0500Z++.
²When ALS inop, increase CAT ABCDE vis to 1 mile.
³Step Down Fix at 3 NM from TD, 1120 min.
⁴Step Down Fix at 2 NM from TD, 820 min.
⁵Step Down Fix at 3 NM from thld, 1180 min.
⁶Step Down Fix at 2 NM from thld, 860 min.
⁷Visibility reduction by helicopters not authorized.
⁸Circling not authorized N of Rwys 14 and 23. Circling authorized for PAR W/O GS and ASR only.
Caution - Whiting Fld NAS - North 1 NM North.

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