

RADAR INSTRUMENT APPROACH MINIMUMS

BIGGS AAF (KBIF), Fort Bliss, TX Amdt 7A (20198) (USA)

ELEV 3947

RADAR - 124.15 307.0 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>
ASR <sup>1</sup>	22		AB	4460-¾	513	(600-¾)
			CDE	4460-1	513	(600-1)
CIR <sup>2</sup>	22		AB	4460-1	513	(600-1)
			C	4540-1½	593	(600-1½)
			DE	4540-2	593	(600-2)

<sup>1</sup>When ALS inop, increase CAT AB vis to 1 mile, CAT CDE vis to 1¾ miles.  
<sup>2</sup>CAT DE circling west of Rwy 4-22 NA.

31 DEC 2020 to 28 JAN 2021

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CORPUS CHRISTI NAS (TRUAX FLD) (KNGP), Corpus Christi, TX  
Amdt 1 16JUL20 (20310) (USN)

ELEV 19

RADAR - (E) 6835 124.65 270.8 284.6 337.2 354.8

	<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 <sup>1</sup>	13R <sup>2,7</sup>	3.0°/42/777	ABCDE	113-¾	100	(100-¾)
	18 <sup>7</sup>	3.0°/39/703	ABCDE	119-½	100	(100-½)
	31L <sup>9</sup>	3.0°/43/820	ABCDE	118-½	100	(100-½)
	36 <sup>9</sup>	3.0°/45/831	ABCDE	119-½	100	(100-½)
PAR W/O GS <sup>1</sup>	13R <sup>3</sup>		ABCDE	360-¾	347	(400-¾)
	18		ABCDE	340-1½	321	(400-1½)
	31L		AB	420-1	402	(500-1)
			CDE	420-1½	402	(500-1½)
	36		AB	420-1	401	(500-1)
			CDE	420-1½	401	(500-1½)
PAR W/O GS SIDESTEP <sup>1,5</sup>	13L		AB	360-1	341	(400-1)
			C	360-1½	341	(400-1½)
			DE	360-2	341	(400-2)
	31R		AB	420-1	401	(500-1)
			C	420-1½	401	(500-1½)
			DE	420-2	401	(500-2)
ASR	18		AB	400-1	381	(400-1)
			CDE	400-1½	381	(400-1½)
	13R <sup>4,10</sup>		AB	420-¾	407	(500-¾)
			CDE	420-1	407	(500-1)
	13L		AB	420-1	401	(500-1)
			CDE	420-1½	401	(500-1½)
	4 <sup>11</sup>		AB	500-1	483	(500-1)
			CDE	500-1½	483	(500-1½)
	31L		AB	500-1	482	(500-1)
			CDE	500-1½	482	(500-1½)
	31R		AB	500-1	481	(500-1)
			CDE	500-1½	481	(500-1½)
	36		AB	500-1	481	(500-1)
			CDE	500-1½	481	(500-1½)
CIR <sup>6</sup>	All Rwys		AB	500-1	481	(500-1)
			C	540-1½	521	(600-1½)
			D	620-2	601	(700-2)
			E	620-2¼	601	(700-2¼)

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CORPUS CHRISTI NAS (TRUAX FLD) (KNGP) (CON'T) TX

- <sup>1</sup>No-NOTAM MP: PAR Mon 1300-1700Z++.
- <sup>2</sup>When ALS inop, increase vis CAT ABCDE to ½ mile.
- <sup>3</sup>When ALS inop, increase vis CAT ABCDE to 1½ miles.
- <sup>4</sup>When ALS inop increase vis CAT AB to 1 mile, CAT CDE to 1½ miles.
- <sup>5</sup>Circling from Sidestep NA. Sidestep from PAR W/O GS only; NA prior to 2 miles from thld.
- <sup>6</sup>Circling authorized only from ASR and PAR W/O GS. When circling from PAR W/O GS increase vis CAT AB vis to 1½ miles.
- <sup>7</sup>CAUTION: TCH (42 feet) is less than the min CAT II Precision TCH (50 feet).
- <sup>8</sup>CAUTION: TCH (45 feet) is less than the min CAT II Precision TCH (50 feet).
- <sup>9</sup>CAUTION: TCH (43 feet) is less than the min CAT II Precision TCH (50 feet).
- <sup>10</sup>SDF at 2 NM from thld, 660' min.
- <sup>11</sup>SDF at 3 NM from thld, 980' min.

EL PASO, TX Amdt 15B, 26MAR20 (20086) (FAA) ELEV 3962

EL PASO INTL (ELP) 


RADAR-1 124.25 298.85

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	22		AB	4320/24	371	(400-½)	CDE	4320/40	371	(400-¾)
	26L		ABCDE	4400-¾	438	(500-¾)				
	4		AB	4400/55	483	(500-1¼)	CDE	4400-1¾	483	(500-1¾)
 CIRCLING ALL RWY			A	4420-1	458	(500-1)	B	4440-1	478	(500-1)
			C	4460-1½	498	(500-1½)	D	4680-2¼	718	(800-2¼)
			E	4700-2½	738	(800-2½)				

Circling NA for CATS D and E west of Rwy 4-22.  
For inoperative ALS, increase S-4 CAT C/D/E visibility to 1½ SM, increase S-22 CAT C/D/E visibility to RVR 5500;  
increase S-26L CAT E visibility to 1¼ SM.

FORT HOOD/KILLEEN, TX Orig-A, 24MAY18 (18144) (FAA) ELEV 1015

ROBERT GRAY AAF (GRK)  
RADAR-1 - 120.075 323.15 

	RWY	GP/TCH/RPI	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS	CAT	DA/ MDA-VIS	HAT/ HAA	CEIL-VIS
ASR	33		AB	1460-¾	465	(500-¾)	CDE	1460-1	465	(500-1)
	15		AB	1520/40	505	(600-¾)	CDE	1520/55	505	(600-1¼)
 CIRCLING ALL RWY			AB	1540-1¼	525	(600-1¼)	C	1560-1½	545	(600-1½)
			D	1620-2	605	(700-2)	E	1740-2½	725	(800-2½)

Circling NA W of Rwy 15-33.  
For inoperative ALS, increase ASR S-15 and ASR S-33 CATS C/D/E visibility to 1½ mile.

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FORT HOOD/KILLEEN, TX

Orig-A, 24MAY18 (18144) (FAA)

ELEV 1015

ROBERT GRAY AAF (GRK)

RADAR-2 - 120.075 323.15  NA

	<u>RWY</u>	<u>GS/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
PAR	33	3.00°/53/973	ABCDE	1208-½	213	(200-½)
	15	3.00°/51/1062	ABCDE	1215/24	200	(200-½)

For inoperative ALS, increase PAR S-15 CAT E visibility to RVR 4000 and PAR S-33 CAT E visibility to ¼ SM.  
Rwy 15 VGSI and PAR glidepath not coincident (VGSI Angle 3.00/TCH 71).  
Rwy 33 VGSI and PAR glidepath not coincident (VGSI Angle 2.77/TCH 52).

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KINGSVILLE NAS (KNQI), Kingsville, TX Amdt 1 05NOV20 (20310) (USN)
RADAR<sup>1</sup> - (E) 128.45x 300.4x 305.2x 310.8x 322.0x 325.2x 358.0x 363.6x 384.4x T ELEV 50

	RWY	GS/TCH/RPI	CAT	DH/ MDA-VIS	HAT/ HATH/ HAA	CEIL-VIS
PAR <sup>2</sup>	35R <sup>3,4</sup>	3.0°/33/618	ABCDE	148-¾	100	(100-¾)
	13L <sup>5</sup>	3.0°/34/633	ABCDE	149-½	100	(100-½)
	13R <sup>6</sup>	3.0°/31/600	ABCDE	150-½	100	(100-½)
	17L <sup>4</sup>	3.0°/33/613	ABCDE	149-½	100	(100-½)
	17R <sup>5</sup>	3.0°/34/649	ABCDE	149-½	100	(100-½)
	31L <sup>6</sup>	3.0°/31/578	ABCDE	147-½	100	(100-½)
PAR W/O GS <sup>2</sup>	31R <sup>7</sup>	3.0°/37/672	ABCDE	144-½	100	(100-½)
	35R <sup>8</sup>		ABCDE	380-¾	332	(400-¾)
	17L <sup>9</sup>		ABCDE	360-1½	311	(400-1½)
	17R <sup>9</sup>		ABCDE	360-1½	311	(400-1½)
	31L <sup>10</sup>		ABCDE	360-1½	313	(400-1½)
	31R <sup>10</sup>		ABCDE	380-1½	336	(400-1½)
ASR	13L		ABCDE	460-1½	411	(500-1½)
	13R		AB	480-1½	430	(500-1½)
			CDE	480-1¼	430	(500-1¼)
	35R <sup>11</sup>		AB	420-½	372	(400-½)
			CDE	420-⅝	372	(400-⅝)
	17L <sup>12</sup>		ABCDE	400-1	351	(400-1)
	17R <sup>12</sup>		ABCDE	400-1	351	(400-1)
	31L <sup>12</sup>		ABCDE	380-1	333	(400-1)
	31R <sup>12</sup>		ABCDE	380-1	336	(400-1)
	35L		ABCDE	420-1	372	(400-1)
	13L <sup>12</sup>		AB	460-1	411	(500-1)
			CDE	460-1½	411	(500-1½)
CIR <sup>13</sup>	ALL RWYS <sup>14</sup>		AB	540-1	490	(500-1)
			C	760-2	710	(800-2)
			D	760-2¼	710	(800-2¼)
			E	800-2¾	750	(800-2¾)

1Use landing/taxi lights when conducting apch during VMC.
2No NOTAM MP: PAR 1300-1700Z++Mon. Maint conducted next bus day if clsd on Mon.
3When ALS inop, increase vis to ½ mile.
4CAUTION: TCH (33 ft) is less than the min CAT II Precision TCH (50 ft).
5CAUTION: TCH (34 ft) is less than the min CAT II Precision TCH (50 ft).
6CAUTION: TCH (31 ft) is less than the min CAT II Precision TCH (50 ft).
7CAUTION: TCH (37 ft) is less than the min CAT II Precision TCH (50 ft).
8When ALS inop, increase vis to 1½ mile.
9Step Down Fix at 3 NM from RPI, cross at or above 1100 ft.
10Step Down Fix at 2 NM from RPI, cross at or above 740 ft.
11When ALS inop, increase vis to 1 mile.
12Step Down Fix at 2 NM from rwy, cross at or above 720 ft.
13Circling authorized only from PAR W/O GS and ASR.
14When circling from PAR W/O GS increase CAT AB vis to 1½ miles.

RADAR INSTRUMENT APPROACH MINIMUMS

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MIDLAND, TX  
MIDLAND INTL AIR AND SPACE PORT (MAF)  
RADAR-1 124.6 290.4

Amdt 7A, 30DEC20 (20366) (FAA)

ELEV 2872

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	28		AB	3300-¾	442	(500-¾)	CDE	3300-1	442	(500-1)
	34L		AB	3320-1	462	(500-1)	CDE	3320-1½	462	(500-1½)
	4		AB	3360-1	509	(500-1)	CDE	3360-1½	509	(500-1½)
	16R		AB	3400-1	528	(600-1)	CDE	3400-1½	528	(600-1½)
	10		AB	3480/24	611	(700-½)	CDE	3480-1½	611	(700-1½)
	22		AB	3540-1	685	(700-1)	CDE	3540-2	685	(700-2)
CIRCLING	ALL RWY		AB	3540-1	668	(700-1)	C	3540-1¼	668	(700-1¼)
			D	3540-2	668	(700-2)	E	3600-2½	728	(800-2½)

For inoperative ALS, increase ASR-10 Cat C/D/E visibility to 1¼ mile.  
For inoperative ALS, increase ASR-28 Cat C/D/E visibility to 1¾ SM.  
Night Landing: Rwy 16L NA.  
When control tower closed, ASR NA.

31 DEC 2020 to 28 JAN 2021

SAN ANGELO, TX  
SAN ANGELO RGNL/MATHIS FIELD (SJT)  
RADAR-1 125.35 354.1

Amdt 1B, 28FEB19 (19059) (FAA)

ELEV 1919

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/ MDA-VIS</u>	<u>HAT/ HAA</u>	<u>CEIL-VIS</u>
ASR	36		AB	2460-1	541	(600-1)	CDE	2460-1½	541	(600-1½)
	18		AB	2500-1	592	(600-1)	CDE	2500-1¼	592	(600-1¼)
CIRCLING	ALL RWY		AB	2500-1	641	(700-1)	C	2500-1¼	641	(700-1¼)
			D	2700-2½	781	(800-2½)	E	2700-2¼	781	(800-2¼)

Circling NA for Cat E west of Rwy 18-36.  
When control tower closed, ASR NA.  
Rwy 36 helicopter visibility reduction below ¾ SM not authorized.

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WACO, TX

Amdt 1A, 11FEB10 (10042) (FAA)

ELEV 592

MC GREGOR EXECUTIVE (PWG)

RADAR-1 127.65 352.0 



	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	17		AB	1020-1	430	(500-1)	C	1020-1¼	430	(500-1¼)
			D	NA						
CIRCLING	ALL RWY		A	1040-1	448	(500-1)	B	1060-1	468	(500-1)
			C	1060-1½	468	(500-1½)	D	NA		

WACO, TX

Amdt 4, 11FEB10 (10042) (FAA)

ELEV 470

TSTC WACO (CNW)

RADAR-1 127.65 227.125  

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	17L		AB	1080-½	611	(700-½)	C	1080-1¼	611	(700-1¼)
			D	1080-1½	611	(700-1½)				
CIRCLING	ALL RWY		AB	1080-1	610	(700-1)	C	1080-1¾	610	(700-1¾)
			D	1080-2	610	(700-2)				


When Waco Regional approach control closed, ASR not authorized.

WACO, TX

Amdt 4, 23SEP10 (14317) (FAA)

ELEV 516

WACO RGNL (ACT)

RADAR-1 127.65 227.125 

	<u>RWY</u>	<u>GP/TCH/RPI</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>	<u>CAT</u>	<u>DA/</u> <u>MDA-VIS</u>	<u>HAT/</u> <u>HAA</u>	<u>CEIL-VIS</u>
ASR	19		ABC	880/24	376	(400-½)	D	880/50	376	(400-1)
	1		ABC	860-1	351	(400-1)	D	860-1¼	351	(400-1¼)
	14		AB	920-1	407	(500-1)	CD	920-1¼	407	(500-1¼)
	32		AB	1020-1	504	(600-1)	CD	1020-1½	504	(600-1½)
CIRCLING	ALL RWY		AB	1020-1	504	(600-1)	C	1020-1½	504	(600-1½)
			D	1080-2	564	(600-2)				

For inoperative MALSR increase S-19 CAT D visibility to RVR 6000.  
When control tower closed, ASR NA.

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