

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW17 CLIMB TO 2500 DIRECT ZUDIS AND ON TRACK 095.16 TO SATTY AND HOLD. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 136.17 INBOUND. 820 AAO 313410.14N/0972015.10W FAS OBST: 780 AAO 313307.47N/0971910.32W CHART: ASR. DISTANCE TO THLD FROM 250 HATH: 0.61 NM. WAAS CHANNEL # 63230 REFERENCE PATH ID: W17A LTP HAE: 152.7 M											
IGORR (IAF)	IMJUC (NOPT) (FB)	136.13 / 12.05	3000												
IMIPE (IAF)	IMJUC (NOPT) (FB)	238.67 / 17.30	3000												
IMJUC (IF/IAF)	BLDEE (FB)	173.00 / 6.03	2000												
BLDEE (FAF)	RW17 (MAP) (FO)	173.00 / 4.25													
RW17 (MAP)	841 MSL	173.00													
841 MSL	ZUDIS (FB)														
ZUDIS	SATTY (FO)	095.16 / 15.30	2500												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD N IMJUC, RT, 173.00 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>173.00</u> FAF: <u>BLDEE</u> DIST FAF TO MAP: <u>4.25</u> THLD: <u>4.25</u> 4. MIN. ALT: <u>IMJUC 3000, BLDEE 2000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>BLDEE 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>37.0</u> 34:1 IS NOT CLEAR 8. MSA FROM: <u>RW17 3600</u>				MAG VAR: 6E EPOCH YEAR: 2000											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	841	1	250	841	1	250	841	1	250		NA				
LNAV/VNAV DA	841	1	250	841	1	250	841	1	250		NA				
LNAV MDA	1040	1	449	1040	1	449	1040	1 3/8	449		NA				
CIRCLING	1040	1	448	1060	1	468	1060	1 1/2	468		NA				
NOTES: CHART NOTE: CIRCLING TO RWY 4 NA AT NIGHT. CHART NOTE: BARO-VNAV NA WHEN USING WACO RGNL ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 54C (130F). (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 592 THRE: 591		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
WACO, TX		AIRPORT NAME:		MC GREGOR EXECUTIVE		RNAV (GPS) RWY 17, AMDT 1 7 FEBRUARY 2013				AMDT: ORIG					
										DATED 11/01/2001					



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RNAV - STANDARD
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NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WACO RGNL ALTIMETER SETTING AND INCREASE ALL DA 31 FT AND MDA 40 FT.

CHART NOTE: PROCEDURE NA AT NIGHT.

CHART NOTE: DME/DME RNP-0.3 NA.

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

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CITY AND STATE

WACO, TX

ELEVATION: 592

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RNAV

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7 FEBRUARY 2013

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FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWG
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	312937.6540N
LTP/FTP LONGITUDE	0971906.0290W
LTP/FTP ELLIPSOIDAL HEIGHT	+01527
FPAP LATITUDE	312808.3700N
FPAP LONGITUDE	0971904.2100W
THRESHOLD CROSSING HEIGHT (TCH)	00037.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

F0716B92

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01800
FPAP ORTHOMETRIC HEIGHT	+01800

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KPWGK4FR17	AIGORR	010	I	G	ORRK4EA0E	A	IF		18000		A	JS	
SUSAP	KPWGK4FR17	AIGORR	020	I	M	JUCK4EA0EE	B	010TF	13610121	+ 03000		A	JS	
SUSAP	KPWGK4FR17	AIMIPE	010	I	M	PEK4EA0E	A	IF		18000		A	JS	
SUSAP	KPWGK4FR17	AIMIPE	020	I	M	JUCK4EA0EE	B	010TF	23870173	+ 03000		A	JS	
SUSAP	KPWGK4FR17	AIMJUC	010	I	M	JUCK4EA0EE	AR	HF	17300040	+ 03000	18000	A	JS	
SUSAP	KPWGK4FR17	R	010	I	M	JUCK4EA0E	I	IF		+ 03000	18000	A	JS	
SUSAP	KPWGK4FR17	R	020	B	L	DEEK4EA1E	F	051TF	17300060	+ 02000		RW17	K4PGA JS	
SUSAP	KPWGK4FR17	R	020	B	L	DEEK4EA2	WALPV	ALNAV/VNAV ALNAV					JS	
SUSAP	KPWGK4FR17	R	030	R	W17	K4PG0GY	M	031TF	17300043	00628	-300	A	JS	
SUSAP	KPWGK4FR17	R	040				O	M	CA	1730	+ 00841	A	JS	
SUSAP	KPWGK4FR17	R	050	Z	U	DISK4EA0E		DF				A	JS	
SUSAP	KPWGK4FR17	R	060	S	A	T	T	YK4EA0EY	010TF	0952	+ 02500	A	JS	
SUSAP	KPWGK4FR17	R	070	S	A	T	T	YK4EA0EE	R	HM	13620040	+ 02500	A	JS

[illegible][illegible]

QUALITY
4
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CITY AND STATE WACO, TX	ELEVATION: 592 THRE: 591 AIRPORT NAME: MC GREGOR EXECUTIVE	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 1 7 FEBRUARY 2013	SUP:
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MSA 1234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPWGK4SRW17 K4PG 0 18018003625 M

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	IGORR	IGORR	010	IAF	IF		FB					
	IGORR	IMJUC	020		TF		FB	1.0	136.1(142.1T)	012.1	AA 03000	
	IMIPE	IMIPE	010	IAF	IF		FB					
	IMIPE	IMJUC	020		TF		FB	1.0	238.7(244.7T)	017.3	AA 03000	
	IMJUC	IMJUC	010	IAF	HF	R	FO		173.0(179.0T)	004.0	AA 03000	
		IMJUC	010	FACF	IF		FB				AA 03000	
		BLDEE	020	FAF	TF		FB	0.5	173.0(179.0T)	006.0	AA 02000	
		RW17	030	MAP	TF		FO	0.3	173.0(179.0T)	004.3	AT 00628	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		173.0(179.0T)		AA 00841	
	ZUDIS	050		DF		FB					
	SATTY	060		TF		FO	1.0	095.2(101.2T)		AA 02500	
	SATTY	070		HM	R	FO		136.2(142.2T)	004.0	AA 02500	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BLDEE	N313353.37	W0971911.24	N3133.890	W09719.187
	IGORR	N314927.87	W0972758.55	N3149.465	W09727.976
	IMIPE	N314722.07	W0970059.21	N3147.368	W09700.987
	IMJUC	N313955.69	W0971918.64	N3139.928	W09719.311
	SATTY	N312137.70	W0970127.91	N3121.628	W09701.465
	ZUDIS	N312437.04	W0971859.91	N3124.617	W09718.999
	RW17	N312937.65	W0971906.03	N3129.628	W09719.101

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW17	00591	37

QUALITY
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