

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.												
TERMINAL ROUTES										MISSED APPROACH						
FROM		TO		COURSE AND DISTANCE			ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW32 CLIMB TO 4000 DIRECT EVVIS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000. ADDITIONAL FLIGHT DATA: HOLD NW, RT, 142.19 INBOUND. CHART 608 TOWER 313600N/0971301W. CHART 1021 TOWER 313220N/0971058W DISTANCE TO THLD FROM 250 HATH: 0.60 NM. CHART VDP AT 0.90 MILES TO RW32* *LNAV ONLY. WAAS CHANNEL # 69420 REFERENCE PATH ID: W32A CHART: ASR CHART CIRCLING ICON LTP HAE: 128.8 M							
DRILL		PRKRR (FB)		189.93 / 28.75			3000									
PRKRR (IAF)		ILINI (FB)		263.08 / 8.00			3000									
BARES (IAF)		KOCYU (FB)		011.51 / 6.36			3600									
KOCYU		ILINI (FB)		011.52 / 8.00			3000									
SATTY (IAF)		ILINI (FB)		308.37 / 6.69			3000									
ILINI (IF)		SKOCH (FB)		322.30 / 6.70			2100									
SKOCH (FAF)		IWIFY/1.90 NM TO RW32 (FB)		322.27 / 2.90												
(SEE FORM 8260-10)																
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT ILINI 3. FAC: <u>322.27</u> FAF: <u>SKOCH</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u> 4. MIN. ALT: <u>ILINI 3000, SKOCH 2100, IWIFY/1.90 NM TO RW32 1160*</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>2100</u> GS ALT AT: <u>SKOCH 2100</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>59.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW32 3600</u>										MAG VAR: 7E EPOCH YEAR: 1985						
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	762	3/4	250	762	3/4	250	762	3/4	250	762	3/4	250				
LNAV/VNAV DA	769	3/4	257	769	3/4	257	769	3/4	257	769	3/4	257				
LNAV MDA	860	1	348	860	1	348	860	1	348	860	1	348				
CIRCLING	940	1	424	980	1	464	1020	1 1/2	504	1160	2	644				
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED USE MCGREGOR EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND ALL MDA 40 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS AND LNAV CATS C/D VISIBILITY 1/8 MILE AND CIRCLING CAT D VISIBILITY 1/4 MILE. (SEE FORM 8260-10)																
CITY AND STATE				ELEVATION: 516 THRE: 512			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
WACO, TX				AIRPORT NAME:					RNAV (GPS) RWY 32, ORIG-C				AMDT: ORIG-B			
				WACO RGNL					6 FEBRUARY 2014				DATED 10/17/2013			



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
IWIFY/1.90 NM TO RW32	RW32 (MAP) (FO)	322.27 / 1.90	
RW32 (MAP)	762 MSL	322.27	
762 MSL	EVVIS (FO)		4000

NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13C (9F) OR ABOVE 54C (130F).

CHART NOTE: BARO-VNAV NA WHEN USING MCGREGOR EXECUTIVE ALTIMETER SETTING.

CHART NOTE: VDP NA WITH MCGREGOR EXECUTIVE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DRILL ON V15-54 NORTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SATTY ON V15 SOUTHEAST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BARES ON V548 SOUTHBOUND.



CITY AND STATE WACO, TX	ELEVATION: 516 THRE: 512	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 32, ORIG-C 6 FEBRUARY 2014	SUP:
	AIRPORT NAME: WACO RGNL			AMDT: ORIG-B
				DATED: 10/17/2013

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
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	KACT
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	313618.1420N
LTP/FTP LONGITUDE	0971349.8780W
LTP/FTP ELLIPSOIDAL HEIGHT	+01288
FPAP LATITUDE	313734.8700N
FPAP LONGITUDE	0971443.2500W
THRESHOLD CROSSING HEIGHT (TCH)	00059.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1192
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

4DC6A60F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01561
FPAP ORTHOMETRIC HEIGHT	+01561



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	AIRPORT NAME: WACO RGNL			AMDT: ORIG-B
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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	BARES K40	C	L	N31124483W097121710				E0040	NAR		BARES		
SUSAEENRT	DRILL K40	C	L	N31535726W096474916				E0038	NAR		DRILL		
SUSAEENRT	EVVIS K40	W		N31452928W097201386				E0041	NAR		EVVIS		
SUSAEENRT	ILINI K40	W		N31262373W097065738				E0040	NAR		ILINI		
SUSAEENRT	IWIFY K40	W		N31343996W097124163				E0040	NAR		IWIFY		
SUSAEENRT	KOCYU K40	W		N31184763W097095564				E0040	NAR		KOCYU		
SUSAEENRT	PRKRR K40	W		N31262339W096573630				E0039	NAR		PRKRR		
SUSAEENRT	SATTY K40	C	L	N31213770W097012791				E0039	NAR		SATTY		
SUSAEENRT	SKOCH K40	W		N31320994W097105743				E0040	NAR		SKOCH		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KACTK4AACT	0	071YHN31364390W097134910E007000516					1800018000C	MNAR	WACO	RGNL		

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KACTK4FR32	ABARES	010BARESK4EA0E	A	IF					18000		A	JS
SUSAP	KACTK4FR32	ABARES	020KOCYUK4EA0E		010TF		01150064	+	03600			A	JS
SUSAP	KACTK4FR32	ABARES	030ILINIK4EA0EE	B	010TF		01150080	+	03000			A	JS
SUSAP	KACTK4FR32	ADRILL	010DRILLK4EA0E		IF					18000		A	JS
SUSAP	KACTK4FR32	ADRILL	020PRKRRK4EA0E	A	020TF		18990288	+	03000			A	JS
SUSAP	KACTK4FR32	ADRILL	030ILINIK4EA0EE	B	010TF		26310080	+	03000			A	JS
SUSAP	KACTK4FR32	ASATTY	010SATYK4EA0E	A	IF					18000		A	JS
SUSAP	KACTK4FR32	ASATTY	020ILINIK4EA0EE	B	010TF		30840067	+	03000			A	JS
SUSAP	KACTK4FR32	R	010ILINIK4EA0E	I	IF			+	03000	18000		A	JS
SUSAP	KACTK4FR32	R	020SKOCHK4EA1E	F	051TF		32230067	+	02100		RW32	K4PGA	JS
SUSAP	KACTK4FR32	R	020SKOCHK4EA2WALPV			ALNAV/VNAV						JS	
SUSAP	KACTK4FR32	R	021IWIFYK4EA0E	S	031TF		32230029	V	0116001175	-300		A	JS
SUSAP	KACTK4FR32	R	030RW32	K4PGOGY	M	031TF	32230019		00571	-300		A	JS
SUSAP	KACTK4FR32	R	040		M	CA	3223	+	00762			A	JS
SUSAP	KACTK4FR32	R	050EVVISK4EA0EY		DF			+	04000			A	JS
SUSAP	KACTK4FR32	R	060EVVISK4EA0EE	R	HM		14220040	+	04000			A	JS

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KACTK4GRW32	0051033222	N31361814W097134988-0100							+0128800512000059150R			

	1	2	3	4	5	6	7	8	9	0	1	2	3

CITY AND STATE WACO, TX	ELEVATION: 516	THRE: 512	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
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[illegible]

SUP:	
AMDT:	ORIG-B
DATED:	10/17/2013

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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
	BARES	BARES	010	IAF	IF		FB					
	BARES	KOCYU	020		TF		FB	1.0	011.5 (018.5T)	006.4	AA 03600	
	BARES	ILINI	030		TF		FB	1.0	011.5 (018.5T)	008.0	AA 03000	
	DRILL	DRILL	010		IF		FB					
	DRILL	PRKRR	020	IAF	TF		FB	2.0	189.9 (196.9T)	028.8	AA 03000	
	DRILL	ILINI	030		TF		FB	1.0	263.1 (270.1T)	008.0	AA 03000	
	SATTY	SATTY	010	IAF	IF		FB					
	SATTY	ILINI	020		TF		FB	1.0	308.4 (315.4T)	006.7	AA 03000	
		ILINI	010	FACF	IF		FB				AA 03000	
		SKOCH	020	FAF	TF		FB	0.5	322.3 (329.3T)	006.7	AA 02100	
		IWIFY	021	SDF	TF		FB	0.3	322.3 (329.3T)	002.9	AA 01160	GS 01175
		RW32	030	MAP	TF		FO	0.3	322.3 (329.3T)	001.9	AT 00571	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		322.3 (329.3T)		AA 00762	
	EVVIS	050		DF		FO				AA 04000	
	EVVIS	060		HM	R	FO		142.2 (149.2T)	004.0	AA 04000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BARES	N311244.83	W0971217.10	N3112.747	W09712.285
	DRILL	N315357.26	W0964749.16	N3153.954	W09647.819
	EVVIS	N314529.28	W0972013.86	N3145.488	W09720.231
	ILINI	N312623.73	W0970657.38	N3126.396	W09706.956
	IWIFY	N313439.96	W0971241.63	N3134.666	W09712.694
	KOCYU	N311847.63	W0970955.64	N3118.794	W09709.927
	PRKRR	N312623.39	W0965736.30	N3126.390	W09657.605
	SATTY	N312137.70	W0970127.91	N3121.628	W09701.465
	SKOCH	N313209.94	W0971057.43	N3132.166	W09710.957
	RW32	N313618.14	W0971349.88	N3136.302	W09713.831

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW32	00512	59

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