

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: RW14 CLIMB TO 4000 DIRECT BOSEL AND HOLD. ADDITIONAL FLIGHT DATA: HOLD S, RT, 344.00 INBOUND. CHART FAS OBST: 536 TREE 313709N/0971429W CHART FAS OBST: 619 TREE 313736N/0971524W FAS OBST: 769 AAO 313946S/0971703W CHART VDP AT 1.43 MILES TO RW14* *LNAV ONLY. WAAS CHANNEL # 56520 REFERENCE PATH ID: W14A CHART: ASR LTP HAE: 127.7 M								
DRILL	ETOH (FB)	259.43 / 23.65	3000									
SONET	UFIFO (FB)	054.52 / 7.26	3000									
ETOH (IAF)	EVVIS (FB)	203.04 / 8.00	3000									
UFIFO (IAF)	EVVIS (FB)	088.64 / 7.35	3000									
IGORR (IAF)	EVVIS (FB)	113.98 / 7.70	3000									
EVVIS (IF)	IAGER (FB)	142.19 / 5.00	2100									
IAGER (SEE FORM 8260-10)	RW14 (MAP) (FO)	142.21 / 4.83										
1. PT NA SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT EVVIS _____ 3. FAC: 142.21 FAF: IAGER _____ DIST FAF TO MAP: 4.83 THLD: 4.83 4. MIN. ALT: EVVIS 3000, IAGER 2100 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2100 GS ALT AT: IAGER 2100 _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR 8. MSA FROM: RW14 3600				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
LPV DA	758	3/4	250	758	3/4	250	758	3/4	250	758	3/4	250
LNAV/VNAV DA	919	1 3/8	411	919	1 3/8	411	919	1 3/8	411	919	1 3/8	411
LNAV MDA	1020	1	512	1020	1	512	1020	1 3/8	512	1020	1 3/8	512
CIRCLING	1020	1	504	1020	1	504	1020	1 1/2	504	1080	2	564
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 40C (104F). (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 516 THRE: 508		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
WACO, TX		AIRPORT NAME:		RNAV		RNAV (GPS) RWY 14, ORIG 10 MAR 2011		AMDT: NONE				
		WACO RGNL						DATED				

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW14 (MAP)	758 MSL	142.21	
758 MSL	BOSEL (FO)		4000

NOTES, (CONT.):

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MCGREGOR EXECUTIVE ALTIMETER SETTING AND INCREASE ALL DA 31 FEET AND MDA 40 FEET, INCREASE LPV AND LNAV/VNAV VISIBILITY ALL CATS 1/8 MILE, AND LNAV VISIBILITY CAT C AND D 1/4 MILE.

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 IGORR ON V17 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SONET ON V358 WESTBOUND.

QUALITY
4
CHECKED

CITY AND STATE WACO, TX	ELEVATION: 516 THRE: 508 AIRPORT NAME: WACO RGNL	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 14, ORIG 10 MAR 2011	SUP:
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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KACT
RUNWAY	RW14
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W14A
LTP/FTP LATITUDE	313701.5000N
LTP/FTP LONGITUDE	0971420.0600W
LTP/FTP ELLIPSOIDAL HEIGHT	+01277
FPAP LATITUDE	313544.7700N
FPAP LONGITUDE	0971326.7100W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
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

235370E1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+01550
FPAP ORTHOMETRIC HEIGHT	+01550

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ARINC PACKET - 424-18 - RNAV (GPS)

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAEENRT	BOSEL K40	C	L	N31254883W097140885				E0044	NAR		BOSEL		
SUSAEENRT	DRILL K40	C	L	N31535726W096474916				E0042	NAR		DRILL		
SUSAEENRT	ETOH K40	W		N31522577W097153202				E0044	NAR		ETOH		
SUSAEENRT	EVVIS K40	W		N31452928W097201386				E0045	NAR		EVVIS		
SUSAEENRT	IAGER K40	W		N31411078W097171359				E0045	NAR		IAGER		
SUSAEENRT	IGORR K40	C	L	N31492787W097275855				E0046	NAR		IGORR		
SUSAEENRT	SONET K40	R	L	N31424504W097361745				E0046	NAR		SONET		
SUSAEENRT	UFIFO K40	W		N31461297W097284830				E0046	NAR		UFIFO		

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAP KACTK4AACT	0		071YHN31364212W097134902E007000516					1800018000C	MNAR	WACO RGNL			

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
1234567890123456789012345678901234567890123456789012345678901234567890123456789012													
SUSAP KACTK4FR14	ADRILL 010DRILLK4EA0E	IF								18000		A JS	
SUSAP KACTK4FR14	ADRILL 020ETOHK4EA0E	A 020TF					25940237	+ 03000				A JS	
SUSAP KACTK4FR14	ADRILL 030EVVISK4EA0EE	B 010TF					20300080	+ 03000				A JS	
SUSAP KACTK4FR14	AIGORR 010IGORRK4EA0E	A IF								18000		A JS	
SUSAP KACTK4FR14	AIGORR 020EVVISK4EA0EE	B 010TF					11400077	+ 03000				A JS	
SUSAP KACTK4FR14	ASONET 010SONETK4EA0E	IF								18000		A JS	
SUSAP KACTK4FR14	ASONET 020UFIFOK4EA0E	A 020TF					05450073	+ 03000				A JS	
SUSAP KACTK4FR14	ASONET 030EVVISK4EA0EE	B 010TF					08860074	+ 03000				A JS	
SUSAP KACTK4FR14	R 010EVVISK4EA0E	I IF						+ 03000		18000		A JS	
SUSAP KACTK4FR14	R 020IAGERK4EA1E	F 051TF					14220050	+ 02100			RW14 K4PGA	JS	
SUSAP KACTK4FR14	R 020IAGERK4EA2WALPV	ALNAV/VNAV ALNAV										JS	
SUSAP KACTK4FR14	R 030RW14 K4PGOGY	M 031TF					14220048	00563		-300		A JS	
SUSAP KACTK4FR14	R 040 0 M 010CA						1422	+ 00758				A JS	
SUSAP KACTK4FR14	R 050BOSELK4EA0EY	010DF						+ 04000				A JS	
SUSAP KACTK4FR14	R 060BOSELK4EA0EE	R020HM					34400040	+ 04000				A JS	

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	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KACTK4GRW14	0051021422	N31370150W097142006+0000											+0127700508000055150R
PP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KACTK4PR14	RW14 001	0000W14A0N3137015000W09714200600+012770300N3135447700W09713267100106751192000550F400500235370E1											
SUSAP KACTK4PR14	RW14 002E	+01550+01550LPV	56520										
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KACTK4SRW14 K4PG	0	18018003625											M

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