

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: RW17 CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ADOBE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 085.00 INBOUND. CHART FAS OBST: 1580 T-L TWR 344331N/0991946W 1651 AAO 344539N/0991936W DISTANCE TO THLD FROM 250 HAT: 0.66 NM. CHART VDP AT 1.27 NM TO RW17* *LNAV ONLY. WAAS CHANNEL # 86216 REFERENCE PATH ID: W17A CHART CIRCLING ICON LTP HAE: 409.9 M									
ADOBE		SAVTE (FB)		014.58 / 15.46				4000											
HBR VORTAC		MEWGI (FB)		283.34 / 8.01				4000											
SAVTE (IAF)		ITCHY (FB)		084.78 / 6.00				4000											
MEWGI (IAF)		ITCHY (FB)		264.92 / 6.00				4000											
ITCHY (IF)		KAYQA (FB)		174.85 / 6.05				3400											
KAYQA (FAF)		FABIR/3.00 NM TO RW17 (FB)		174.85 / 3.05															
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT ITCHY 3. FAC: 174.85 FAF: KAYQA DIST FAF TO MAP: 6.05 THLD: 6.05 4. MIN. ALT: ITCHY 4000, KAYQA 3400, FABIR/3.00 NM TO RW17 2420* 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 3400 GS ALT AT: KAYQA 3400 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS CLEAR 8. MSA FROM: RW17 3800																MAG VAR: 5E		EPOCH YEAR: 2015	
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	1683	7/8	250	1683	7/8	250	1683	7/8	250		NA								
LNAV/VNAV DA	1926	1 3/4	493	1926	1 3/4	493	1926	1 3/4	493		NA								
LNAV MDA	1880	1	447	1880	1	447	1880	1 3/8	447		NA								
CIRCLING	1920	1	487	1920	1	487	2020	1 1/2	587		NA								
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HOBART RGNL ALTIMETER SETTING. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOBART RGNL ALTIMETER SETTING AND (CONTINUED ON PAGE 2)																			
CITY AND STATE		ELEVATION: 1433 TDZE: 1433		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:									
ALTUS, OK		AIRPORT NAME:				RNAV (GPS) RWY 17, AMDT 2				AMDT: 1									
		ALTUS/QUARTZ MOUNTAIN RGNL				21 JULY 2016				DATED 01/08/2015									



**RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FABIR/3.00 NM TO RW17	RW17 (MAP) (FO)	174.85 / 3.00	
RW17 (MAP)	2000 MSL	174.85	2000
2000 MSL	ADOBE (FO)		4000

NOTES, (CONT.):

INCREASE LPV DA TO 1754 FEET AND LNAV/VNAV DA TO 1997 FEET AND INCREASE ALL MDA 80 FEET. INCREASE LPV, LNAV/VNAV ALL CATS AND CIRCLING CAT C VISIBILITY 1/4 MILE, INCREASE LNAV CAT C VISIBILITY 1/8 MILE.

CHART PLANVIEW NOTE ADJACENT TO SAVTE: MAX 210 KIAS.

CHART PLANVIEW NOTE ADJACENT TO MEWGI: MAX 210 KIAS.

QUALITY
16
CHECKED

CITY AND STATE

ALTUS, OK

ELEVATION: 1433

TDZE: 1433

AIRPORT NAME:

ALTUS/QUARTZ MOUNTAIN RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 17, AMDT 2

21 JULY 2016

SUP:

AMDT: **1**DATED: **01/08/2015**

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXS
RUNWAY	RW17
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W17A
LTP/FTP LATITUDE	344222.8830N
LTP/FTP LONGITUDE	0992018.5830W
LTP/FTP ELLIPSOIDAL HEIGHT	+04099
FPAP LATITUDE	344053.6350N
FPAP LONGITUDE	0992018.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
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
 <u>CRC REMAINDER</u>	 7D6C765A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04368
FPAP ORTHOMETRIC HEIGHT	+04368

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CITY AND STATE ALTUS, OK	ELEVATION: 1433 AIRPORT NAME: ALTUS/QUARTZ MOUNTAIN RGNL	TDZE: 1433 RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 17, AMDT 2 21 JULY 2016	SUP:
				AMDT: 1
				DATED: 01/08/2015

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION												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.		
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE														
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33														
ARINC SUMMARY - KAXS														
ROUTES														
TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ADOBE	010	ADOBE	IF	FB										E
ADOBE	020	SAVTE	TF	FB	2.0	014.6						AA 04000	AB 210	E A
ADOBE	030	ITCHY	TF	FB	1.0	084.8						AA 04000		EE B
HBR	010	HBR	IF	FB										V
HBR	020	MEWGI	TF	FB	2.0	283.3						AA 04000	AB 210	E A
HBR	030	ITCHY	TF	FB	1.0	264.9						AA 04000		EE B
	010	ITCHY	IF	FB								AA 04000		E I
	020	KAYQA	TF	FB	1.0	174.9				RW17		AA 03400		E F
	021	FABIR	TF	FB	0.3	174.9		3.00				AA 02420	GS 02429	E S
	030	RW17	TF	FO	0.3	174.9		3.00				AT 01473		GY M
	040		CA	FB		174.9						AA 02000		M
	050	ADOBE	DF	FO					R			AA 04000		EY
	060	ADOBE	HM	FO		085.0			R			AA 04000		EE
POINTS														
POINT NAME			LATITUDE			LONGITUDE								
HBR			N345159.60			W0990348.19								
ADOBE			N343953.64			W0993356.52								
FABIR			N344523.18			W0992019.16								
ITCHY			N345430.07			W0992020.89								
KAYQA			N344826.49			W0992019.74								
MEWGI			N345430.80			W0991303.17								
SAVTE			N345428.91			W0992738.61								
RUNWAYS														
RUNWAY		THRESHOLD LATITUDE		THRESHOLD LONGITUDE		THRESHOLD ELEVATION		PROCEDURE TCH						
RW17		N344222.88		W0992018.58		01433		40						

QUALITY
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CITY AND STATE ALTUS, OK	ELEVATION: 1433	TDZE: 1433	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME: ALTUS/QUARTZ MOUNTAIN RGNL		RNAV	RNAV (GPS) RWY 17, AMDT 2 21 JULY 2016	1
				DATED: 01/08/2015	