

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

**TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> ALTUS/QUARTZ MOUNTAIN RGNL	<u>AIRPORT ID</u> KAXS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> ALTUS	<u>STATE</u> OK	
<u>AIRPORT ELEVATION</u> 1433	<u>TDZE</u> 1423	<u>SUPERSEDED</u> RNAV (GPS) RWY 35	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/08/2015	<u>MAG VAR</u> 5E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ADOBE		AKYAL		TF	FB	1.00	148.29	11.81	4000
HBR VORTAC		LAGSY		TF	FB	1.00	193.63	23.84	4000
AKYAL	IAF	NAMTE		TF	FB	1.00	084.78	6.00	4000
LAGSY	IAF	NAMTE		TF	FB	1.00	264.92	6.00	4000
NAMTE	IF	RARDE		TF	FB	1.00	354.85	6.00	3400
RARDE	FAF	SEBOE/3.00 NM TO RW35		TF	FB	0.30	354.85	3.11	
SEBOE/3.00 NM TO RW35		RW35	MAP	TF	FO	0.30	354.85	3.00	
RW35	MAP	2100 MSL		CA			354.85		2100
2100 MSL		ADOBE		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW35

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 2100 THEN CLIMBING LEFT TURN TO 4000 DIRECT ADOBE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
10  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT NAMTE

3. FAC:

354.85

FAF: RARDE

DIST FAF TO MAP: 6.11

DIST FAF TO THLD: 6.11

4. MIN ALT: NAMTE 4000, RARDE 3400, SEBOE/3.00 NM TO RW35 2400\*

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.66

GS ANT:

6. MIN GP INCPT:

3400

GP ALT AT FAF :

RARDE 3400

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 40.0

8. MSA FROM: RW35 3800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART PLANVIEW NOTE AT AKYAL: MAX 210 KIAS  
CHART PLANVIEW NOTE AT LAGSY: MAX 210 KIAS

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 085.00 INBOUND.  
CHART FAS OBST: 1703 TOWER 343851N/0992048W.  
CHART VDP AT 1.59 NM TO RW35\*  
\*LNAV ONLY.  
WAAS CHANNEL # 93914  
REFERENCE PATH ID: W35A  
CHART CIRCLING ICON.  
LTP HAE: 403.6 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
LPV DA	1673	7/8	250	1673	7/8	250	1673	7/8	250		NA				
LNAV/VNAV DA	1673	7/8	250	1673	7/8	250	1673	7/8	250		NA			QUALITY 10 CHECKED	
LNAV MDA	1960	1	537	1960	1	537	1960	1 1/2	537		NA				
CIRCLING	1960	1	527	1960	1	527	2020	1 1/2	587		NA				

**CHANGES - REASONS**

- 1. ADDED PBN REQUIREMENTS NOTE: RNP APCH, REMOVED CHART NOTE: DME/DME RNP-0.3 NA. - PBN REQUIREMENTS NOTATION CHANGED IAW FAAO 8260.19H.
- 2. AMENDED NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C (2°F) OR ABOVE 54°C (130°F)" TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C" - 8260-19H, 8-6-9, S.
- 3. REMOVED BACKUP ALTIMETER AND ASSOCIATED NA NOTES - MOVED TO -9 AS A CONTINGENCY - KHBR IS ON WMSCR.
- 4. REMOVED "CHART NOTE: BARO-VNAV AND VDP NA WHEN USING HOBART RGNL ALTIMETER SETTING" FROM -3 - MOVED TO -9 AS A CONTINGENCY.
- 5. ADDED 20:1 IS CLEAR TO PROFILE LINE 7. - DOCUMENTATION REQUIREMENT.
- 6. PROFILE NOTE ADDED: "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" - BASED ON FLIGHT CHECK ASSESSMENT.

**COORDINATED WITH:**

**A4A** ☐    **ALPA** ☒    **AOPA** ☒    **APA** ☐    **HAI** ☐    **NBAA** ☒    **OTHER:** ZFW, LTS APP CON, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

<b>OFFICE</b>	<i>Digitally signed by</i>	<b>DATE</b>
<b>DAVID DANNER</b>		
	May 13, 2020	

**DEVELOPED BY**

DAVID DANNER (DALLIN STRICKLAND)

*Digitally signed by*  
**DAVID DANNER**  
May 13, 2020

<b>OFFICE</b>	<b>DATE</b>
AJV-A421	01/30/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*  
**DAVID DANNER**  
May 13, 2020

<b>OFFICE</b>	<b>DATE</b>
AJV-A420	

**TITLE**  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAXS
RUNWAY	RW35
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W35A
LTP/FTP LATITUDE	344128.4705N
LTP/FTP LONGITUDE	0992018.4105W
LTP/FTP ELLIPSOIDAL HEIGHT	+04036
FPAP LATITUDE	344257.7185N
FPAP LONGITUDE	0992018.6930W
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
CRC REMAINDER	7A3AC085

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+04306
FPAP ORTHOMETRIC HEIGHT	+04306



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ALTUS/QUARTZ MOUNTAIN RGNL	KAXS	RNAV (GPS) RWY 35	1A	ALTUS	OK	1433	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM  
ADOBE

TO  
AKYAL

<u>RNP</u>	<u>DISTANCE</u> 11.81	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (40-021931)	344001.18N/0993449.58W	1733	20	3	1A	1000				AT1267	4000
2.TERRAIN	343354.00N/0993230.00W	1490 (1500)								AS1500	3000

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

FEEDER

FROM  
HBR VORTAC

TO  
LAGSY

<u>RNP</u>	<u>DISTANCE</u> 23.84	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	344051.00N/0990915.00W	2333				1000				AT667	4000
4.TERRAIN	344051.00N/0990915.00W	2133 (2100)									3600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



<u>AIRPORT</u> ALTUS/QUARTZ MOUNTAIN RGNL	<u>AIRPORT ID</u> KAXS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1A	<u>CITY</u> ALTUS	<u>STATE</u> OK	<u>AIRPORT ELEVATION</u> 1433	<u>FACILITY</u> RNAV				
<u>INITIAL</u>											
<u>FROM</u> AKYAL				<u>TO</u> NAMTE							
<u>RNP</u>	<u>DISTANCE</u> 6.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
5.TOWER (40-021048)	342809.80N/0992003.36W	1642	50	20	2C	1000				AT1358	4000
6.TERRAIN	343027.00N/0992009.00W	1588 (1600)								AS1500	3100

<u>COMPUTATIONS</u>											
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>

SEGMENT REMARKS:  
25 DEGREE BANK ANGLE AND SPEED RESTRICTION (210KT) USED IN INITIAL SEGMENT DEVELOPMENT

<u>INITIAL</u>				<u>TO</u> NAMTE							
<u>RNP</u>	<u>DISTANCE</u> 6.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>						
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.TOWER (40-003128)	343039.68N/0991959.36W	1664	20	3	1A	1000					4000
8.TERRAIN	342809.00N/0991718.00W	1392 (1400)									2900

<u>COMPUTATIONS</u>											
<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>

SEGMENT REMARKS:  
25 DEGREE BANK ANGLE AND SPEED RESTRICTION (210KT) USED IN INITIAL SEGMENT DEVELOPMENT



<b>AIRPORT</b> ALTUS/QUARTZ MOUNTAIN RGNL	<b>AIRPORT ID</b> KAXS	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 35	<b>AMDT NO.</b> 1A	<b>CITY</b> ALTUS	<b>STATE</b> OK	<b>AIRPORT ELEVATION</b> 1433	<b>FACILITY</b> RNAV				
INTERMEDIATE											
<b>FROM</b> NAMTE				<b>TO</b> RARDE							
<b>RNP</b>	<b>DISTANCE</b> 6.00	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>		<b>HMAS</b>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
7.TOWER (40-003128)	343039.68N/0991959.36W	1664	20	3	1A	500				AT1236	3400
6.TERRAIN	343027.00N/0992009.00W	1588 (1600)								AS1500	3100

<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

**SEGMENT REMARKS:**

FINAL: LPV

<b>FROM</b> RARDE				<b>TO</b> RW35							
<b>RNP</b>	<b>DISTANCE</b> 6.11	<b>PAT</b>	<b>MAP</b> DA	<b>HAT</b> 250		<b>HMAS</b>					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				1673

<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

**SEGMENT REMARKS:**

250 LPV HAT BASED ON NON-PRECISION RUNWAY MARKINGS LPV SLOPE: 34:1



FINAL: LNAV/VNAV

FROM

RARDE

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.11		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				1673

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

VNAV SLOPE: 23.35:1  
FINAL: LNAV

FROM

RARDE

TO

SEBOE/3.00 NM TO RW35

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	3.11											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TOWER (40-000451)	343634.00N/0992010.00W		1741	250	50	4D	250				RA71 XL6 DG282 AC50	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

SEBOE/3.00 NM TO RW35

TO

RW35

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	3.00		RW35		537							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TOWER (40-001963)	343851.00N/0992047.60W		1703	20	3	1A	250					1960

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LPV

FROM

DA

TO

ADOBE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
							1476					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				4000
11.AAO	344345.00N/0993248.00W		1795	164	98	4E	1000					2800
12.TERRAIN	344345.00N/0993248.00W		1595 (1600)								AS1500	3100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



<b>AIRPORT</b> ALTUS/QUARTZ MOUNTAIN RGNL	<b>AIRPORT ID</b> KAXS	<b>PROCEDURE NAME</b> RNAV (GPS) RWY 35	<b>AMDT NO.</b> 1A	<b>CITY</b> ALTUS	<b>STATE</b> OK	<b>AIRPORT ELEVATION</b> 1433	<b>FACILITY</b> RNAV				
MISSED APPROACH : LNAV/VNAV											
<b>FROM</b> DA				<b>TO</b> ADOBE							
<b>RNP</b>	<b>DISTANCE</b>	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>		<b>HMAS</b> 1521					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
11.AAO	344345.00N/0993248.00W	1795	164	98	4E	1000					2800
12.TERRAIN	344345.00N/0993248.00W	1595 (1600)								AS1500	3100

<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

SEGMENT REMARKS:

MISSED APPROACH : LNAV

<b>FROM</b> RW35				<b>TO</b> ADOBE							
<b>RNP</b>	<b>DISTANCE</b>	<b>PAT</b>	<b>MAP</b>	<b>HAT</b>		<b>HMAS</b> 1860					
<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				4000
11.AAO	344345.00N/0993248.00W	1795	164	98	4E	1000					2800
12.TERRAIN	344345.00N/0993248.00W	1595 (1600)								AS1500	3100

<b>COMPUTATIONS</b>											
<b>ALT</b>	<b>KIAS</b>	<b>KTAS</b>	<b>HAA</b>	<b>VKTW</b>	<b>TR</b>	<b>BA</b>	<b>DTA</b>	<b>COURSE CHANGE</b>	<b>DVEB</b>	<b>VEB OCS</b>	<b>RF CENTER FIX/DISTANCE</b>

SEGMENT REMARKS:



CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
13.TREE	344253.64N/0991924.46W	1.31	527	1619	50	20	2C	300		SI	1960
CATEGORY B											
13.TREE	344253.64N/0991924.46W	1.86	527	1619	50	20	2C	300		SI	1960
CATEGORY C											
10.TOWER (40-001963)	343851.00N/0992047.60W	2.92	587	1703	20	3	1A	300			2020

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW35	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (40-002084)	345839.20N/0992436.30W	343	17.5	2749	500	50	5D	1000			3800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
MLC FSS, LTS APP CON, ZFW ARTCC

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KAXS	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KAXS	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KHBR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KHBR	<u>DISTANCE</u> 22.55	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 71

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
KAXS 1433.2, KHBR 1563.3  
RA = 70.04.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW17 - MIRL (PCL), ODALS (PCL), PAPI-4L		NPI-G	
RW35 - MIRL (PCL), PAPI-4L		NPI-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1412.7	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 40.0
---------------------------------	-------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -17C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -17C	<u>APT ISA</u> +12.16C
-----------------------------	------------------------------	--------------------	---------------------------

CRITICAL TEMPERATURE REMARKS:  
AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -30C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 834 HIGH TEMP 1130.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ALTUS/QUARTZ MOUNTAIN RGNL	KAXS	RNAV (GPS) RWY 35	1A	ALTUS	OK	1433	RNAV
and/or							
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS							
PENETRATIONS REMARKS:							
PART C: GENERAL REMARKS:							
PRECIPITOUS TERRAIN EVALUATION COMPLETED.							
FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HOBART RGNL ALTIMETER SETTING AND INCREASE ALL DA TO 1744 FEET AND ALL MDA 80 FEET. INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/8 SM, LNAV CAT C AND CIRCLING CAT C VISIBILITY 1/4 SM.							
FOR CONTINGENCY PURPOSES: BARO-VNAV AND VDP NA WHEN USING HOBART RGNL ALTIMETER SETTING. 100' VEGETATION APPLIED PER FPT.							
PROFILE NOTE: "VGSi AND RNAV GLIDEPATH NOT COINCIDENT." ADDED BASED ON FLIGHT CHECK INSPECTION REPORT.							
ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.							
<div>QUALITY 10 CHECKED</div>							

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 9 of 11

<u>AIRPORT</u> ALTUS/QUARTZ MOUNTAIN RGNL	<u>AIRPORT ID</u> KAXS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1A	<u>CITY</u> ALTUS	<u>STATE</u> OK	<u>AIRPORT ELEVATION</u> 1433	<u>FACILITY</u> RNAV
---	---------------------------	--	-----------------------	----------------------	--------------------	----------------------------------	-------------------------

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	2.97
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	359.85
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1400
DISTANCE FROM	THLD	TO 1500FT POINT	5.11
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	359.85
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1400

THRESHOLD  
COORDINATES  
(IF STR-IN)

344128.47N/0992018.41W

ARP COORDINATES

344155.70N/0992018.50W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 35 DISTANCE 0.45 NM

FAF  
COORDINATES

343520.99N/0992017.25W

FIX NAME  
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY  
10  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 10 of 11

<u>AIRPORT</u> ALTUS/QUARTZ MOUNTAIN RGNL	<u>AIRPORT ID</u> KAXS	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 35	<u>AMDT NO.</u> 1A	<u>CITY</u> ALTUS	<u>STATE</u> OK	<u>AIRPORT ELEVATION</u> 1433	<u>FACILITY</u> RNAV
PART E: PREPARED BY							
<u>NAME</u> DAVID DANNER (DALLIN STRICKLAND)			<u>OFFICE</u> AJV-A421	<u>DATE</u> 01/30/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY  
10  
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

Page 11 of 11