

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
VOR STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.23**

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> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> VOR RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> AMARILLO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 3607	<u>TDZE</u> 3601	<u>SUPERSEDED</u> VOR/DME RWY 31	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 04/20/2000	<u>MAG VAR</u> 8E
<u>FACILITY</u> PNH	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 OCTOBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2000

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
JILPY/11.00 DME CCW	IAF	STYES/PNH 11.00 DME	NOPT				11.00 DME ARC		5000
FASOG/PNH 11.00 DME CW	IAF	STYES/PNH 11.00 DME	NOPT				11.00 DME ARC		5000
STYES/PNH 11.00 DME	IF	CRASS/PNH 6.00 DME					313.28	5.00	5000

**MISSED APPROACH**

**MAP:**

4.39 NM AFTER CRASS/PNH 6.00 DME OR AT PNH 1.61 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMBING LEFT TURN TO 5300 ON PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

- PT      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF (IAF)**
- PROFILE STARTS AT STYES
- FAC:** 313.28      **FAF:** CRASS/PNH 6.00 DME      **DIST FAF TO MAP:**                      **DIST FAF TO THLD:** 4.39
- MIN ALT:** STYES/PNH 11.00 DME 5000, CRASS/PNH 6.00 DME 5000
- MSA FROM:** PNH VORTAC 180-360 6100, 360-180 5100

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



**ADDITIONAL FLIGHT DATA:**

CHART TRADEWIND AIRPORT  
 CHART: ASR.  
 CHART CIRCLING ICON.  
 CRASS TO RW31: 2.93/40.  
 CHART PNH R-176 AT JILPY.  
 CHART PNH R-081 AT FASOG.  
 CHART P-47  
 CHART VDP AT 2.63 DME  
 DISTANCE VDP TO THLD 1.02 NM  
 CHART FAS OBST: 3673 POLE 351219N/1013916W.  
 FAC CROSSES RWY C/L EXTENDED 2981 FT FROM THLD.  
 HOLD S, RT, 356.00 INBOUND

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT D 800-2 1/4, CAT E 900-3

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
S-31	3960	1	359	3960	1	359	3960	1	359	3960	1 1/4	359	3960	1 1/4	359
CIRCLING	4080	1	473	4080	1	473	4240	1 3/4	633	4280	2 1/4	673	4460	3	853

**CHANGES - REASONS**

1. CHANGED VDP FROM 2.74 DME/1.13 NM TO 2.63 DME/1.02 NM - NEW IAPA EVALUATION.
2. RAISED CAT C CIRCLING FROM CMDA 4080/HAA 475 VIS 1 1/2 TO CMDA 4240/HAA 633 VIS 1 3/4 - APPLIED NEW CIRCLING CRITERIA; NEW CTL OBST/ UPDATED AIRPORT ELEVATION.
3. RAISED CAT D CIRCLING FROM CMDA 4240/HAA 635 VIS 2 TO CMDA 4280/HAA 673 VIS 2 1/4 - APPLIED NEW CIRCLING CRITERIA; NEW CTL OBST/ UPDATED AIRPORT ELEVATION.
4. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19H PARA 8-6-10.
5. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMBING LEFT TURN TO 5100 VIA PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD TO CLIMBING LEFT TURN TO 5300 ON PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD - NEW HOLDING CTL OBST.
6. CHANGED PROCEDURE NAME FROM VOR/DME RWY 31 TO VOR RWY 31 AND ADDED DME REQUIRED TO EQUIPMENT REQUIRMENT NOTES - IAW 8260.3D PARA 1-6-1.
7. ADDED NAMED FIX FOR IF (STYES) - IAW 8260.19H PARA 2-10-5A.
8. ADDED NAMED FIX (FASOG) FOR IAF PNH R-081 CW ARC - IAW 8260.19H PARA 2-10-5A.
9. ADDED NAMED FIX (CRASS) FOR FAF - IAW 8260.19H PARA 2-10-5A
10. CHANGED AIRPORT ELEV FROM 3605 TO 3607 AND TDZE FROM 3598 TO 3601 - UPDATED AIRPORT DATA.
11. ADDED CHART NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT - DECENT ANGLE AND VGSI NOT COINCIDENT
12. CW ARC IF (FASOG) MOVED FROM R-078 TO R-081 ON TO V140 - TRANSITION FROM ENROUTE STRUCTRURE.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZAB, AMA ATCT, ARPT MGR, ST. AV. DIR

**FLIGHT CHECKED BY**

ANTHONY D VALLERA

*Digitally signed by*

**WARDELL HENNING**

Jul 30, 2019

**OFFICE**

FICO

**OFFICE**

AJV-A432

**OFFICE**

AJV-A430

**DATE**

7/26/19

**DATE**

05/06/2019

**DATE**

**DEVELOPED BY**

WARDELL HENNING (STEVEN SCHUTRUM)

*Digitally signed by*  
**WARDELL HENNING**

Jul 30, 2019

**APPROVED BY**

LONNIE EVERHART

**TITLE**  
 MANAGER

