

**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 13	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> AMARILLO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 3607	<u>TDZE</u> 3603	<u>SUPERSEDED</u> VOR/DME RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/24/2018	<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 CW	IAF	SCEND/PNH 11.00 DME					11.00 DME ARC		6000
HABEB/PNH 11.00 DME CCW	IAF	SCEND/PNH 11.00 DME					11.00 DME ARC		6000
SCEND/PNH 11.00 DME	IF	TEXAE/PNH 5.00 DME					115.10	6.00	5500

MISSED APPROACH

MAP:
ZILES/PNH 0.40 DME

MISSED APPROACH INSTRUCTIONS:
CLIMBING RIGHT TURN TO 5300 ON PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT SCEND
3. **FAC:** 115.10 **FAF:** TEXAE/PNH 5.00 DME **DIST FAF TO MAP:** **DIST FAF TO THLD:** 5.26
4. **MIN ALT:** SCEND/PNH 11.00 DME 6000, TEXAE/PNH 5.00 DME 5500
8. **MSA FROM:** PNH VORTAC 360-180 5100, 180-360 6100

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.

TEXAE TO RW13: 3.30/55.

CHART PNH R-176 AT JILPY.

CHART PNH R-016 AT HABEB.

CHART P-47

CHART VDP AT0.92 DME

DISTANCE VDP TO THLD 1.20 NM

CHART FAS OBST:3771 POLE 351549N/1014504W.

FAC CROSSES RWY C/L EXTENDED 5200 FT FROM THLD.

HOLD S, RT, 356.00 INBOUND

MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD - 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	HAT/HAA
S-13	4040	1	437	4040	1	437	4040	1 1/4	437	4040	1 1/4	437	4040	1 1/4	437
CIRCLING	4080	1	473	4080	1	473	4240	1 1/2	633	4280	2	673	4460	3	853

CHANGES - REASONS

1. CHANGED VDP FROM 1.51 DME/1.17 NM TO .92 DME/1.20 NM - NEW IAPA EVALUATION.
2. RAISED CAT C CIRCLING FROM CMDA 4080/HAA 475 TO CMDA 4240/HAA 633 - APPLIED NEW CIRCLING CRITERIA; NEW CTL OBST/ UPDATED AIRPORT ELEVATION.
3. RAISED CAT D CIRCLING FROM CMDA 4240/HAA 635 TO CMDA 4280/HAA 673 - APPLIED NEW CIRCLING CRITERIA; NEW CTL OBST/ UPDATED AIRPORT ELEVATION.
4. RAISED S-13 MDA/HAT FROM 3980/380 TO 4040/437 - NEW CTL OBST/ UPDATED TDZE ELEVATION.
5. CHANGED FAS OBSTACLE FROM 3724 ANTENNA 351354N/1014223W TO 3771 POLE 351549N/1014504W - NEW CTL OBST.
6. ADDED CHART NOTE: CHART CIRCLING ICON - IAW 8260.19H PARA 8-6-10.
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM CLIMBING RIGHT TURN TO 5100 VIA PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD TO CLIMBING RIGHT TURN TO 5300 ON PNH VORTAC R-176 TO JILPY/11.00 DME AND HOLD - NEW HOLDING CTL OBST.
8. CHANGED PROCEDURE NAME FROM VOR/DME RWY 13 TO VOR RWY 135 AND ADDED DME REQUIRED TO EQUIPMENT REQUIRMENT NOTES - IAW 8260.3D PARA 1-6-1.
9. ADDED NAMED FIX FOR IF (SCEND) - IAW 8260.19H PARA 2-10-5A.
10. ADDED NAMED FIX (HABEB) FOR IAF PNH R-0016 CCW ARC - IAW 8260.19H PARA 2-10-5A.
11. ADDED NAMED FIX (TEXAE) FOR FAF - IAW 8260.19H PARA 2-10-5A
12. ADDED NAMED FIX (ZILES) FOR MAP - IAW 8260.19H PARA 2-10-5A
13. CHANGED AIRPORT ELEV FROM 3605 TO 3607 AND TDZE FROM 3600 TO 3603 - UPDATED AIRPORT DATA.
14. ADDED CHART NOTE: VGS1 AND DESCENT ANGLES NOT COINCIDENT

QUALITY
31
CHECKED

AIRPORT

RICK HUSBAND AMARILLO INTL

AIRPORT ID

KAMA

PROCEDURE NAME

VOR RWY 13

ORIGINAL/AMENDMENT

ORIG-B

CITY

AMARILLO

STATE

TX

COORDINATED WITH:

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

FLIGHT CHECKED BY

ANOTHNY D VALLERA

Digitally signed by OFFICE**WARDELL HENNING** FICODATE

7/26/19

DEVELOPED BY

WARDELL HENNING (STEVEN SCHUTRUM)

*Digitally signed by***WARDELL HENNING**

Jul 30, 2019

OFFICE

AJV-A432

DATE

05/06/2019

APPROVED BY

LONNIE EVERHART

*Digitally signed by***WARDELL HENNING**

Jul 30, 2019

OFFICE

AJV-A430

DATETITLE

MANAGER

Jul 30, 2019

QUALITY
31
CHECKED