

US DEPARTMENT OF TRANSPORTATION  
FEDERAL AVIATION ADMINISTRATION

**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
GOONI	OKRIE (FB)	240.07 / 17.04	5400
YOCAN	FASED (FB)	016.03 / 16.16	5400
OKRIE (IAF)	CEVEX (FB)	219.61 / 6.00	5400
FASED (IAF)	CEVEX (FB)	039.51 / 6.00	5400
CEVEX (IF)	PAMPE (FB)	309.56 / 6.58	5400
PAMPE (FAF)	IMOBEL/1.70 NM TO RW31 (FB)	309.51 / 3.72	
(SEE FORM 8260-10)			

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW31

CLIMB TO 6100 DIRECT MOVIE AND ON TRACK 316.82 TO LANTT AND HOLD.

ADDITIONAL FLIGHT DATA:  
HOLD NW, RT, 133.38 INBOUND.  
CHART FAS OBST: 3673 POLE 351219N/1013916W  
CHART P-47.  
DISTANCE TO THLD FROM 250 HAT: 0.63 NM.  
CHART VDP AT 0.92 MILES TO RW31\*  
\*LNAV ONLY.  
WAAS CHANNEL # 82319  
REFERENCE PATH ID: W31A  
CHART CIRCLING ICON.  
CHART: ASR.  
LTP HAE: 1069.4 M

1. PT \_\_\_\_\_ SIDE OF COURSE \_\_\_\_\_ OUTBOUND \_\_\_\_\_ FT WITHIN \_\_\_\_\_ MILES OF \_\_\_\_\_ (IAF)
2. PROFILE STARTS AT CEVEX
3. FAC: 309.51 FAF: PAMPE DIST FAF TO MAP: 5.42 THLD: 5.42
4. MIN. ALT: CEVEX 5400, PAMPE 5400, IMOBEL/1.70 NM TO RW31 4180\*
5. DIST TO THLD FROM OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_ 150 HAT: \_\_\_\_\_ 100 HAT: \_\_\_\_\_ GS ANT: \_\_\_\_\_
6. MIN GS INCPT: 5400 GS ALT AT: PAMPE 5400 OM: \_\_\_\_\_ MM: \_\_\_\_\_ IM: \_\_\_\_\_
7. GS ANGLE: 3.04 TCH: 52.4 34:1 IS CLEAR
8. MSA FROM: RW31 6100

MAG VAR: 8E EPOCH YEAR: 2000

**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	3851	3/4	250	3851	3/4	250	3851	3/4	250	3851	3/4	250			
LNAV/VNAV DA	3851	3/4	250	3851	3/4	250	3851	3/4	250	3851	3/4	250			
LNAV MDA	3940	1	339	3940	1	339	3940	1	339	3940	1	339			
CIRCLING	4080	1	473	4080	1	473	4240	1 3/4	633	4280	2 1/4	673			

NOTES:  
CHART NOTE: DME/DME RNP-0.3 NA.  
CHART SPEED ICON IN PLANVIEW AT CEVEX: MAX 210 KIAS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 46C (116F).  
(CONTINUED ON PAGE 2)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.  
@ CAT D 800-2 1/4

QUALITY  
23  
CHECKED

CITY AND STATE <b>AMARILLO, TX</b>	ELEVATION: 3607 TDZE: 3601 AIRPORT NAME: <b>RICK HUSBAND AMARILLO INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) Y RWY 31, AMDT 2</b>  21 JULY 2016	SUP: AMDT: <b>1</b> DATED <b>01/13/2011</b>
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**RNAV - STANDARD**  
**INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33**

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**TERMINAL ROUTES, (CONT.):**

<u>FROM</u>	<u>TO</u>	<u>COURSE AND DISTANCE</u>	<u>ALTITUDE</u>
IMOB/1.70 NM TO RW31	RW31 (MAP) (FO)	309.51 / 1.70	
RW31 (MAP)	3851 MSL	309.51	
3851 MSL	MOVVOE (FB)		
MOVVOE	LANTT (FO)	316.82 / 8.03	6100

**NOTES, (CONT.):**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BORGER ALTIMETER SETTING: INCREASE DA TO 4004 AND ALL VISIBILITIES 5/8 MILE; INCREASE ALL MDA 160 FT AND VISIBILITY CAT C AND D 1/2 MILE.**  
**CHART NOTE: BARO-VNAV AND VDP NA WHEN USING BORGER ALTIMETER SETTING.**  
**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT GOONI ON V140 EASTBOUND.**  
**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YOCAN ON V81 SOUTHBOUND.**

QUALITY  
23  
CHECKED

CITY AND STATE <b>AMARILLO, TX</b>	ELEVATION: 3607 AIRPORT NAME: <b>RICK HUSBAND AMARILLO INTL</b>	TDZE: 3601	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) Y RWY 31, AMDT 2</b> 21 JULY 2016	SUP:
					AMDT: <b>1</b>
					DATED: <b>01/13/2011</b>

**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	KAMA
RUNWAY	RW31
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W31A
LTP/FTP LATITUDE	351249.3275N
LTP/FTP LONGITUDE	1014044.4325W
LTP/FTP ELLIPSOIDAL HEIGHT	+10694
FPAP LATITUDE	351355.0845N
FPAP LONGITUDE	1014157.9550W
THRESHOLD CROSSING HEIGHT (TCH)	00052.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.04
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0344
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER B019397B

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+10956
FPAP ORTHOMETRIC HEIGHT	+10956

QUALITY  
23  
CHECKED

CITY AND STATE <b>AMARILLO, TX</b>	ELEVATION: 3607 TDZE: 3601 AIRPORT NAME: <b>RICK HUSBAND AMARILLO INTL</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) Y RWY 31, AMDT 2</b> 21 JULY 2016	SUP:	23
				AMDT:	1
				DATED:	01/13/2011

**U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION**  
**RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**  
**FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33**

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ARINC SUMMARY - KAMA

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
GOONI	010	GOONI	IF	FB										E
GOONI	020	OKRIE	TF	FB	2.0	240.1						AA 05400		E A
GOONI	030	CEVEX	TF	FB	1.0	219.6						AA 05400	AB 210	EE B
YOCAN	010	YOCAN	IF	FB										E
YOCAN	020	FASED	TF	FB	2.0	016.0						AA 05400		E A
YOCAN	030	CEVEX	TF	FB	1.0	039.5						AA 05400	AB 210	EE B
	010	CEVEX	IF	FB								AA 05400	AB 210	E I
	020	PAMPE	TF	FB	1.0	309.6				RW31		AA 05400		E F
	021	IMOB	TF	FB	0.3	309.5		3.04				AA 04180	GS 04196	E S
	030	RW31	TF	FO	0.3	309.5		3.04				AT 03647		GY M
	040		CA	FB		309.5						AA 03851		M
	050	MOVE	DF	FB										E
	060	LANTT	TF	FO	1.0	316.8						AA 06100		EY
	070	LANTT	HM	FO		133.4			R			AA 06100		EE

POINTS

POINT NAME	LATITUDE	LONGITUDE
CEVEX	N350357.53	W1013051.54
FASED	N345954.09	W1013614.92
GOONI	N351424.65	W1010611.23
IMOB	N351134.04	W1013920.30
LANTT	N352419.97	W1015155.70
MOVE	N351745.76	W1014616.24
OKRIE	N350800.74	W1012527.62
PAMPE	N350849.07	W1013616.20
YOCAN	N344507.21	W1014415.69

RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION	PROCEDURE TCH
RW31	N351249.33	W1014044.43	03595	52.4



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