

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> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 4	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> AMARILLO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 3607	<u>TDZE</u> 3607	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 4	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/13/2011	<u>MAG VAR</u> 8E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
CAUDE		ROTGY		TF	FB	1.00	244.53	17.25	5300
YOCAN		ROTGY		TF	FB	1.00	337.78	16.53	5500
SIDER		JAXIV		TF	FB	1.00	085.09	6.37	5300
ROTGY	IAF	MOZFO		TF	FB	1.00	307.93	5.00	5300
JAXIV	IAF	MOZFO		TF	FB	1.00	127.85	5.00	5300
MOZFO	IF	JOPNI		TF	FB	1.00	037.89	6.02	5200
JOPNI	FAF	WEKOB/1.90 NM TO RW04		TF	FB	0.30	037.94	2.90	
WEKOB/1.90 NM TO RW04		RW04	MAP	TF	FO	0.30	037.94	1.90	
RW04	MAP	3807 MSL		CA			037.94		
3807 MSL		CIPLI		DF	FB	1.00			
CIPLI		ZUKTA		TF	FO	1.00	052.99	12.00	5400

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW04

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5400 DIRECT CIPLI AND ON TRACK 052.99 TO ZUKTA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT MOZFO				
3. FAC:	037.94	FAF: JOPNI	DIST FAF TO MAP: 4.80	DIST FAF TO THLD: 4.80	
4. MIN ALT:	MOZFO 5300, JOPNI 5200, WEKOB/1.90 NM TO RW04 4240*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.49	GS ANT:
6. MIN GP INCPT: 5200	GP ALT AT FAF : JOPNI 5200		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 44.4		
8. MSA FROM:	RW04 6100				

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 41°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CAUDE ON V114 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YOCAN ON V81 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SIDER ON V402 SOUTHWEST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000, AND LNAV/VNAV AND LNAV CAT E TO 1 1/4 SM.
**RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART KTDW IN PLAN AND PROFILE VIEWS.
CHART ASR.
CHART P-47
CHART VDP AT 1.11 NM TO RW04*
*LNAV ONLY
WAAS CHANNEL #82718
REFERENCE PATH ID: W04A
CHART FAS OBST: 3773 ELEVATOR 351217N/1014438W.
HOLD NE, LT, 233.11 INBOUND
LTP HAE: 1073.1 M



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
LPV DA **	3807	2400	200	3807	2400	200	3807	2400	200	3807	2400	200	3807	2400	200
LNAV/VNAV DA	4028	5000	421	4028	5000	421	4028	5000	421	4028	5000	421	4028	5000	421
LNAV MDA	4040	2400	433	4040	2400	433	4040	4000	433	4040	5000	433	4040	5000	433
CIRCLING	4080	1	473	4080	1	473	4080	1 1/2	473	4240	2	633	4460	3	853

CHANGES - REASONS

1. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
2. DELETED CHART NOTE: DME/DME RNP - 0.3 NA - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
3. CHANGED ALL FEEDER ROUTES RNP FROM "2.00" TO "1.00" - UPDATED TO 8260.58A CHANGE 1 TABLE 1-2-1.
4. ADDED "20:1 IS CLEAR" TO LINE 7 - IAW 8260.19H 8-6-7 (G(3)) FOR DOCUMENTING CLEAR SLOPES FOR RNAV PROCEDURE.
5. DELETED NOTE "@NA WHEN LOCAL WEATHER NOT AVAILABLE - WEATHER STATION AVAILABLE ONSITE.
6. CHANGED LNAV MDA/HAT FROM 4020/413" TO "4040/433" ALL CATS - HEIGHT OF CONTROLLING OBSTACLE UPDATED FROM "3768 (1B)" TO "3773 (1A)". DELETES NOTAM 9/0242.
7. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C (-7F) OR ABOVE 41C (105F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22C OR ABOVE 41C" - NEW REPORTS FORMAT ELIMINATES THE NEED FOR FAHRENHEIT TEMPERATURES.
8. CHANGED PROFILEVIEW NOTE FROM "VGSI AND RNAV GLIDEPATH NOT COINCIDENT" TO "VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - IAW 8260.19H 8-6 -9 (M(2)) VGSI OR TCH NOT COINCIDENT NOTE INFORMATION.
9. DELETED BACK-UP ALTIMETER AND ASSOCIATED NOTES - MOVED TO -9 AS A CONTINGENCY.
10. CHANGED FAS OBST FROM "3768 ELVTR 351217N/1014438W" TO "3773 ELEVATOR 351217N/1014438W" - UPDATED OBSTACLE ELEVATION FOR LNAV FINAL.
11. CRC REMAINDER CHANGED FROM "F5AB760E" TO "48504F3D" - LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM "+10993" TO "+10992", AND THE LENGTH OFFSET FROM "0320" TO "0000".
12. ADDED "***RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA" - PER VIS-CHECK TOOL.
13. CHANGED "CHART TRADEWIND (KTDW) AIRPORT" TO "CHART KTDW IN PLAN AND PROFILE VIEWS" - IN ADDITIONAL FLIGHT DATA PER .19H PARA 8-6-10U.
14. CHANGED NOTE " FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO 1 1/2 MILE, LNAV CAT D VISIBILITY TO RVR 6000 AND CAT E VISIBILITY TO 1 1/2 MILE" TO "FOR INOPERATIVE ALS, INCREASE LPV CAT E VISIBILITY TO RVR 4000 AND LNAV/VNAV AND LNAV CAT E TO 1 1/4 SM" - PER VIS-CHECK TOOL.

07/30/19: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/24/19.

1. ADDED "" TO THE LPV DA SECTION OF THE MINIMUMS TO INDICATE RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA. THIS WAS ADDED VIA PDF EDIT SINCE SIAP WILL NOT PLACE THIS IN WITH AUTOMATION.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAB, AMA ATCT, AMGR, ST AV DIR

FLIGHT CHECKED BY

ANTHONY D VALLERA

Digitally signed by
DAVID TEFFETELLER
May 24, 2019

OFFICE

FICO

DATE

5/23/19

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by
JAMES LAFFERTY
Apr 29, 2019

OFFICE

AJV-A433

DATE

03/21/2019

APPROVED BY

LONNIE EVERHART

Digitally signed by
DAVID TEFFETELLER
May 24, 2019

OFFICE

AJV-A430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAMA
RUNWAY	RW04
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W04A
LTP/FTP LATITUDE	351218.4250N
LTP/FTP LONGITUDE	1014357.7195W
LTP/FTP ELLIPSOIDAL HEIGHT	+10731
FPAP LATITUDE	351358.4200N
FPAP LONGITUDE	1014151.5900W
THRESHOLD CROSSING HEIGHT (TCH)	00044.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	124.25
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	48504F3D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+10992
FPAP ORTHOMETRIC HEIGHT	+10992



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
RICK HUSBAND AMARILLO INTL	KAMA	RNAV (GPS) Y RWY 4	1A	AMARILLO	TX	3607	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
CAUDE

TO
ROTGY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	17.25										
<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 (48-008173)	350616.00N/1013930.00W	3961	500	50	5D	1000				AT339	5300
2.TERRAIN	345718.00N/1014933.00W	3688 (3700)								AS1000	4700

COMPUTATIONS

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

SEGMENT REMARKS:

FEEDER

FROM
YOCAN

TO
ROTGY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	16.53										
<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	345511.00N/1015046.00W	4199	250	50	4D	1000					5200
4.TERRAIN	345511.00N/1015046.00W	3999 (4000)								AS1500	5500

COMPUTATIONS

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

SEGMENT REMARKS:



<u>AIRPORT</u> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 4	<u>AMDT NO.</u> 1A	<u>CITY</u> AMARILLO	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 3607	<u>FACILITY</u> RNAV
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FEEDER

FROM
SIDER

TO
JAXIV

<u>RNP</u>	<u>DISTANCE</u> 6.37	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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 (48-008729)	351024.00N/1015719.00W	4192	500	50	5D	1000					5200
6.TERRAIN	351236.00N/1020509.00W	3833 (3800)								AS1500	5300

COMPUTATIONS

<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>
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SEGMENT REMARKS:

INITIAL

FROM
ROTGY

TO
MOZFO

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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 (48-004771)	350509.00N/1015448.00W	3965	100	20	3C	1000				AT335	5300
8.TERRAIN	350509.00N/1015448.00W	3662 (3700)								AS1000	4700

COMPUTATIONS

<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>
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SEGMENT REMARKS:



<u>AIRPORT</u> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 4	<u>AMDT NO.</u> 1A	<u>CITY</u> AMARILLO	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 3607	<u>FACILITY</u> RNAV
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INITIAL

FROM
JAXIV

TO
MOZFO

<u>RNP</u>	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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 (48-004771)	350509.00N/1015448.00W	3965	100	20	3C	1000				AT335	5300
9.TERRAIN	350600.00N/1020036.00W	3718 (3700)								AS1000	4700

COMPUTATIONS

<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>
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SEGMENT REMARKS:

INTERMEDIATE

FROM
MOZFO

TO
JOPNI

<u>RNP</u>	<u>DISTANCE</u> 6.02	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<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>
10.TOWER (48-002388)	350720.00N/1014811.00W	3974	250	50	4D	500				AT726	5200
11.TERRAIN	350701.19N/1015206.67W	3656 (3700)								AS1000	4700

COMPUTATIONS

<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>
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SEGMENT REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RICK HUSBAND AMARILLO INTL	KAMA	RNAV (GPS) Y RWY 4	1A	AMARILLO	TX	3607	RNAV

MISSED APPROACH : LPV

<u>FROM</u> DA	<u>TO</u> ZUKTA
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u> 3642
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<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>
							ASC				5400
14.AAO	351650.00N/1013257.00W	3949	250	50	4D	1000					5000
15.TERRAIN	351407.00N/1014448.00W	3639 (3600)								AS1000	4600

<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>
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SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

<u>FROM</u> DA	<u>TO</u> ZUKTA
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<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u> 3747
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<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>
							ASC				5400
14.AAO	351650.00N/1013257.00W	3949	250	50	4D	1000					5000
15.TERRAIN	351407.00N/1014448.00W	3639 (3600)								AS1000	4600

<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>
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW04

TO

ZUKTA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u> 3940				
<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>
							ASC				5400
14.AAO	351650.00N/1013257.00W	3949	250	50	4D	1000					5000
15.TERRAIN	351407.00N/1014448.00W	3639 (3600)								AS1000	4600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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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											
12.ELEVATOR (48-005288)	351216.92N/1014437.78W	1.30	473	3773	20	3	1A	300			4080
CATEGORY B											
12.ELEVATOR (48-005288)	351216.92N/1014437.78W	1.50	473	3773	20	3	1A	300			4080
CATEGORY C											
12.ELEVATOR (48-005288)	351216.92N/1014437.78W	1.70	473	3773	20	3	1A	300			4080
CATEGORY D											
16.TOWER (48-002514)	351314.00N/1014623.00W	2.30	633	3880	250	50	4D	300		AC50	4240
CATEGORY E											
17.TOWER (48-005684)	351431.00N/1014845.00W	4.50	853	4144	20	3	2C	300			4460

CIRCLING REMARKS:

OLD CIRCLING AREA DIMENSIONS USED FOR PROCEDURE AMENDMENT. NEW CIRCLING CRITERIA DIMENSIONS WILL BE APPLIED DURING NEXT FULL AMENDMENT.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
RICK HUSBAND AMARILLO INTL	KAMA	RNAV (GPS) Y RWY 4	1A	AMARILLO	TX	3607	RNAV

MSA

CENTER
RW04

RADIUS
25

<u>SECTOR</u>	<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>BEARING</u>	<u>DISTANCE</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
360-360	TWR (48-002515)	352229.00N/1015300.00W	316	12.6	5049	500	50	5D	1000			6100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



<u>AIRPORT</u> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 4	<u>AMDT NO.</u> 1A	<u>CITY</u> AMARILLO	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 3607	<u>FACILITY</u> RNAV
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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	2.98
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.68
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	045.94
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3629
DISTANCE FROM	THLD	TO 1500FT POINT	4.60
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	2.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	045.94
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3629

THRESHOLD
COORDINATES
(IF STR-IN)

351218.42N/1014357.72W

ARP COORDINATES

351309.70N/1014221.30W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 4 DISTANCE 1.57 NM

FAF
COORDINATES

350857.90N/1014810.28W

FIX NAME
COORDINATES

REMARKS

QUALITY
10
CHECKED

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<u>AIRPORT</u> RICK HUSBAND AMARILLO INTL	<u>AIRPORT ID</u> KAMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 4	<u>AMDT NO.</u> 1A	<u>CITY</u> AMARILLO	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 3607	<u>FACILITY</u> RNAV
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PART E: PREPARED BY

<u>NAME</u> JAMES LAFFERTY	<u>OFFICE</u> AJV-A433	<u>DATE</u> 03/21/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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QUALITY
10
CHECKED

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