

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 ID</u> AMA	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 22	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> AMARILLO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 3607	<u>TDZE</u> 3606	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 22	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 09/10/2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 8E
				<u>EPOCH YEAR</u> 2000
				<u>CANCEL/SUSPEND</u>

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		ILOZA		TF	FB	1.00	014.77	9.21	5400
ILOZA	IAF	ELTIC	NOPT	TF	FB	1.00	304.08	9.76	5400
JUNVE	IAF	ELTIC	NOPT	TF	FB	1.00	123.98	9.78	5400
ELTIC	IF/IAF	CIXFE		TF	FB	1.00	214.07	6.06	5000
CIXFE	FAF	RW22	MAP	TF	FO	0.30	214.02	4.14	
RW22	MAP	4020 MSL		CA			214.02		4020
4020 MSL		CAUDE		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LP: RW22
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4020 THEN CLIMBING LEFT TURN TO 5000 DIRECT CAUDE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- | | | | | | |
|---|----------------|----------------|-----------------------|------------------------|-------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD NE ELTIC, LT, 214.07 INBOUND, 5400 FT. IN LIEU OF PT (IAF), MAX 6000. | | | | | |
| 3. FAC: 214.02 | FAF: CIXFE | | DIST FAF TO MAP: 4.14 | DIST FAF TO THLD: 4.14 | |
| 4. MIN ALT: ELTIC 5400, CIXFE 5000 | | | | | |
| 5. DIST TO THLD FROM OM: | MM: | IM: | 150 HAT: | GS ANT: | |
| 6. MIN GP INCPT: | GP ALT AT FAF: | | | OM: | MM: |
| 7. GP ANGLE: | 34:1: IS CLEAR | 20:1: IS CLEAR | TCH: | | IM: |
| 8. MSA FROM: RW22 6100 | | | | | |



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 4.01 DEGREES.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT CAUDE ON V114 SOUTHEAST BOUND.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LP CATS A/B VISIBILITY TO 1 SM AND CATS C/D/E TO 7/8 SM. INCREASE LNAV CATS A/B VISIBILITY TO 1 SM AND CATS C/D/E TO 1 1/8 SM.

ADDITIONAL FLIGHT DATA:

CHART KTDW IN PLANVIEW.
CIXFE TO RW22: 3.07/50.
HOLD SE, RT, 298.34 INBOUND.
CHART FAS OBST: 3637 NAVAID (48-111729) 351406N/1014157W.
FAS OBST: 3741 AAO 351624N/1013912W.
CHART P-47.
CHART VDP AT 0.69 NM TO RW22.
WAAS CHANNEL # 50447
REFERENCE PATH ID: W22A
LTP HAE: 1071.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, CAT E 900-3, 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
LP MDA	3900	3/4	294	3900	3/4	294	3900	3/4	294	3900	3/4	294	3900	3/4	294
LNAV MDA	4020	3/4	414	4020	3/4	414	4020	3/4	414	4020	3/4	414	4020	3/4	414
CIRCLING	4080	1	473	4080	1	473	4240	1 3/4	633	4280	2 1/4	673	4460	3	853



CHANGES - REASONS

1. TERMINAL ROUTES: LINE 1 COURSE HEADING/DISTANCE CHANGED FROM "008.63/9.63" TO "014.77/9.21" - IAF ILOZA LOCATION MOVED.
2. TERMINAL ROUTES: LINE 2 COURSE HEADING/DISTANCE CHANGED FROM "323.14/5.00" TO "304.08/9.76" - IAF ILOZA LOCATION MOVED AND INTERMEDIATE FIX CHANGED.
3. TERMINAL ROUTES: LINE 3 ROUTE CHANGED FORM "JUNVE – ZUKTA" TO "JUNVE – ELTIC" - PER ATC REQUEST.
4. TERMINAL ROUTES: LINE 3 COURSE HEADING/DISTANCE CHANGED FROM "141.28/9.04" TO "123.98/9.78" - IAF JUNVE LOCATION MOVED AND INTERMEDIATE FIX CHANGED.
5. TERMINAL ROUTES: LINE 4 ROUTE CHANGED FROM "ZUKTA – ELTIC" TO "ELTIC – CIXFE" - PER ATC REQUEST.
6. TERMINAL ROUTES: LINE 4 COURSE HEADING/DISTANCE CHANGED FROM "233.11/7.00" TO "214.07/6.06" - IF/IAF AND FAF CHANGED AND LOCATIONS MOVED.
7. TERMINAL ROUTES: LINE 5 ROUTE ADDED "CIXFE – RW22" - PER ATC REQUEST.
8. TERMINAL ROUTES: LINE 5 ADDED COURSE/DISTANCE "214.02/4.14" - FAF AND MAP CHANGED AND LOCATIONS MOVED.
9. TERMINAL ROUTES: LINE 6 ADDED COURSE/DISTANCE "RW22 – 4020MSL" - PER ATC REQUEST.
10. TERMINAL ROUTES: LINE 7 ADDED "4020MSL" - PER CRITERIA 8260.58C 3-5-2 (A).
11. MISSED APPROACH: LNAV MAP CHANGED FROM "CIPLI" TO RW22" AND ADDED LP MAP - PER ATC REQUEST.
12. MISSED APPROACH: INSTRUCTIONS CHANGED FROM "CLIMBING LEFT TURN TO 5400 DIRECT CAUDE AND HOLD" TO "CLIMB TO 4020 THEN CLIMBING LEFT TURN TO 5000 DIRECT CAUDE AND HOLD" - PER ATC REQUEST AND CRITERIA 8260.58C 3-5-2.
13. PROFILE: LINE 2 HOLD IN-LIEU CHANGED FROM "HOLD NE ZUKTA, LT, 233.11 INBOUND, 5400 FT. IN LIEU OF PT (IAF)" TO "HOLD NE ELTIC, LT, 214.07 INBOUND, 5400 FT. IN LIEU OF PT (IAF), MAX 6000" - HOLD IN-LIEU FIX LOCATION CHANGED PER ATC REQUEST.
14. PROFILE: FAC CHANGED FROM "233.04" TO "214.02" - FAF HAS CHANGED TO ALIGN WITH THE LDA APPROACH.
15. PROFILE: FAF CHANGED FROM "ELTIC" TO "CIXFE" - PER ATC REQUEST.
16. PROFILE: DIST FAF TO MAP CHANGED FROM "5.00" TO "4.14" - FAF HAS CHANGED FROM ELTIC TO CIXFE AND THE LOCATION HAS CHANGED.
17. PROFILE: DIST FAF TO THLD CHANGED FROM "5.48" TO "4.14" - FAF HAS CHANGED FROM ELTIC TO CIXFE AND THE LOCATION HAS CHANGED.
18. PROFILE: MIN ALT CHANGED "ZUKTA 5400" TO "ELTIC 5400" - FIX ELTIC IS NOW THE HOLD IN-LIEU LOCATION.
19. PROFILE: ADDED "21:1 IS CLEAR" - PER CRITERIA 8260.19J 8-6-7 (G) (3) (A).
20. PROFILE: MSA CENTER LOCATION CHANGED FROM "CIPLI" TO "RWY22" - CIPLI FIX IS NO LONGER THE MAP.
21. PBN REQUIREMENTS: UPDATED NOTE FROM "RNP APCH" TO "RNP APCH – GPS" - PER CRITERIA 8260.19J 8-6-8 (D) (5) (A).
22. NOTES: ADDED CHART NOTE: PROCEDURE NA FOR ARRIVAL AT CAUDE V114 SOUTHEAST BOUND - DOES NOT MEET ALIGNMENT CRITERIA PER 8260.58C 1-2-5 (A) (3).
23. NOTES: CHANGED CHART NOTE FROM "FOR INOPERATIVE ALS, INCREASE CAT C/D/E VISIBILITY TO RVR 6000" TO "FOR INOPERATIVE ALS, INCREASE LP CATS A/B VISIBILITY TO 1 SM AND CATS C/D/E TO 7/8 SM. INCREASE LNAV CATS A/B VISIBILITY TO 1 SM AND CATS C/D/E TO 1 1/8 SM" - PER CRITERIA 8260.3F TABLE 3-3-1.
24. NOTES: REMOVED PLANVIEW NOTE "PROCEDURE NA FOR ARRIVALS AT JUNVE ON V304 NORTHBOUND" - NO LONGER NEEDED V304 HAS BEEN REMOVED.
25. NOTES: AMENDED CHART NOTE FROM "VDP NA WITH BORGER ALTIMETER SETTING" TO "VDP NA WHEN USING BGD ALTIMETER SETTING" - UPDATED PER 8260.19F FORMATTING AND MOVED TO PART C GENERAL REMARKS AS A CONTINGENCY NOTE.
26. NOTES: ADDED PLANVIEW NOTE "FINAL APPROACH COURSE OFFSET 4.01 DEGREES" PER CRITERIA 8260.19J 8-6-11 (G) (1).
27. ADDITIONAL FLIGHT DATA: CHANGED NOTE FROM "CHART TRADEWIND (KTDW) AIRPORT" TO "CHART KTDW IN PLANVIEW" - PER 8260.19J FORMATTING.
28. ADDITIONAL FLIGHT DATA: REMOVED "CHART ASR" - NO LONGER NEEDED.
29. ADDITIONAL FLIGHT DATA: AMENDED FAST OBST FROM "3749 AAO 351612N/1013903W" TO "3741 AAO 351624N/1013912W" AND ADDED "CHART FAS OBST: 3637 NAVAID (48-111729) 351406N/1014157W" - PER NEW OBSTACLE SURVEY.
30. ADDITIONAL FLIGHT DATA: CHANGED VDP LOCATION FROM "0.58 NM TO CIPLI" TO "0.69 NM TO RW22" - FAF LOCATION HAS CHANGED.
31. ADDITIONAL FLIGHT DATA: UPDATED NOTE FROM "ELTIC TO RW22 3.00/50" TO ELTIC TO RW22 3.07/50" - GPA UPDATED TO ALIGN WITH THE LDA PROCEDURE.
32. MINIMUMS: ALTERNATE MINS CHANGED FROM "STANDARD - CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT D 800-2 1/4, CAT E 900-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" - NEW CIRCLING MDA DUE TO NEW OBSTACLE SURVEY.
33. MINIMUMS: ADDED LP LINE OF MINIMA – PER ATC REQUEST.
34. MINIMUMS: LNAV VIS CATS A/B CHANGED FROM "1/2 SM" TO "3/4 SM" - PER CRITERIA 8260.3F 3-3-2 (B).
35. MINIMUMS: LNAV VIS CATS D/E CHANGED FROM "1 SM" TO "3/4 SM" - PER CRITERIA 8260.3F 3-3-2 (B).
36. FAS DATA BLOCK: ADDED FAS DATA INFORMATION AND ASSOCIATED DATA - LP MDA ADDED TO PROCEDURE.

6/6/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 5/14/25.

1. ADDITIONAL FLIGHT DATA: ELTIC TO RW22: 3.07/50 CHANGED TO CIXFE TO RW22: 3.07/50 - FAF FIX UPDATED TO CIXFE.

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZAB, AMA APP CON, AMA ATCT, AMGR.

FLIGHT CHECKED BY

COLTON CROWDER

Digitally signed by
CASIMIR L TABAKA
Jun 06, 2025

OFFICE

AJF

DATE

05/13/2025

DEVELOPED BY

TRAVIS BRISTOW

Mar 31, 2025
Digitally signed by
DAVID DANNER

OFFICE

AJV-A421

DATE

01/14/2025

APPROVED BY

DAVID DANNER

May 14, 2025

OFFICE

AJV-A421

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KAMA
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	351351.2020N
LTP/FTP LONGITUDE	1014200.7205W
LTP/FTP ELLIPSOIDAL HEIGHT	+10719
FPAP LATITUDE	351244.8625N
FPAP LONGITUDE	1014313.4600W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.07
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	5A751AED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+10981
FPAP ORTHOMETRIC HEIGHT	+10981



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

<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>
AMA	RNAV (GPS) Y RWY 22	2	AMARILLO	TX	3607	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM CAUDE **TO** ILOZA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	9.21				

<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>
WINDMILL (48-033869)	351146.77N/1012913.19W	3942	20	3	1A	1000				AT458	5400
TERRAIN	350724.00N/1013112.00W	3500 (3500)								AS1500	5000

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM ILOZA **TO** ELTIC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	9.76				

<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>
WINDMILL (48-026782)	352309.74N/1013442.88W	3964	500	50	5D	1000				AT436	5400
TERRAIN	352206.00N/1013342.00W	3556 (3600)								AS1500	5100

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL

FROM

JUNVE

TO

ELTIC

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	9.78										
<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>
TOWER (48-008235)	352535.00N/1013648.00W	4051	500	50	5D	1000				AT349	5400
TERRAIN	352118.00N/1013754.00W	3599 (3600)								AS1500	5100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

ELTIC (IF/IAF)

TO

CIXFE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>				
1.00	6.06										
<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>
WINDMILL (48-026755)	352114.44N/1013649.72W	3995	500	50	5D	500				AT505	5000
TERRAIN	352036.00N/1013957.00W	3605 (3600)								AS1000	4600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM

CIXFE

TO

RW22

RNP 0.30	DISTANCE 4.14	PAT	MAP RW22	HAT 294	HMAS						
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
NAVAID (48-111729)	351406.22N/1014156.51W	3637	20	3	1A	250					3900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

CIXFE

TO

RW22

<u>RNP</u> 0.30	<u>DISTANCE</u> 4.14	<u>PAT</u>	<u>MAP</u> RW22				<u>HAT</u> 414	<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>
AAO	351624.00N/1013912.00W	3741	215	8	4B	250				XP29	4020

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP - TO MAINTAIN CURRENT MINIMUM.



HOLD-IN-LIEU OF PT

FROM
ELTIC

TO
P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<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>
TOWER (48-005715)	352259.00N/1013813.00W	3999	500	50	5D	1000				AT401	5400
TERRAIN	352106.00N/1013757.00W	3599 (3600)								AS1500	5100

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LP

FROM
RW22

TO
CAUDE

<u>RNP</u> 0.30	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 3800			
<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				5000
TOWER (48-008173)	350616.00N/1013930.00W	3963	500	50	5D	1000					5000
TERRAIN	351157.00N/1014330.00W	3631 (3600)								AS1000	4600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LNAV

FROM

RW22

TO

CAUDE

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u> 3920				
<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				5000
TOWER (48-008173)	350616.00N/1013930.00W	3963	500	50	5D	1000					5000
TERRAIN	351157.00N/1014330.00W	3631 (3600)								AS1000	4600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

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											
ELEVATOR (48-005288)	351216.92N/1014437.78W	1.36	473	3773	20	3	1A	300			4080
CATEGORY B											
ELEVATOR (48-005288)	351216.92N/1014437.78W	1.94	473	3773	20	3	1A	300			4080
CATEGORY C											
TOWER (48-002514)	351314.00N/1014623.00W	3.06	633	3882	250	50	4D	300		AC50	4240
CATEGORY D											
TOWER (48-000751)	351157.00N/1014845.00W	4.01	673	3914	20	50	1D	300		AC50	4280
CATEGORY E											
TOWER (48-005684)	351431.41N/1014844.73W	5.02	853	4148	20	3	1A	300			4460

CIRCLING REMARKS:



MSA

CENTER

RW22

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (48-002515)	352229.00N/1015300.00W	306	12.5	5051	500	50	5D	1000			6100

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA NOT DEVELOPED PER AIR TRAFFIC REQUEST (PROHIBITED AREA P-47).

18 FT VEGETATION HEIGHT USED PER FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

ZAB ARTCC, AMA TOWER

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	AMA	24	AMA	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>
ASOS	BGD	24	BGD	32.70	Y	153

WX REMARKS:

RASS PRESSURE THE SAME.
KAMA 3606.6, KBGD 3054.9 RA = 152.4

<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>
RW13 - REIL (PCL), HIRL (PCL), PAPI-4L		NPI-G	
RW31 - HIRL (PCL), PAPI-4L		NPI-G	
RW04 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	APPROACH
RW22 - MALSR (PCL), HIRL (PCL), PAPI-4L		PIR-G	ROLL OUT

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.07	3602.7	50.0			3.00	77.4

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTES:

WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BGD ALTIMETER SETTING AND INCREASE ALL MDAS 160 FEET AND LNAV VISIBILITY CAT C/D/E 1/2 SM. AND LP VISIBILITY CAT C/D/E 1/8 SM, AND CIRCLING VISIBILITY CAT C/D 1/2 SM.

VDP: NA WHEN USING BGD ALTIMETER SETTING.

FOR INOPERATIVE ALS WHEN USING BGD ALTIMETER SETTING, INCREASE LP CATS A/B VISIBILITY TO 1 SM AND CAT E TO 1 3/8 SM. INCREASE LNAV CATS A/B VISIBLTY TO 1 SM AND CATS C/D/E TO 1 5/8 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO
3763 TERRAIN+AAO 351757N/1013930W
3750 TERRAIN+AAO 351654N/1013839W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

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	2.81
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	222.02
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3600
DISTANCE FROM	THLD	TO 1500FT POINT	4.88
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	222.02
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3600

THRESHOLD COORDINATES (IF STR-IN)351351.20N/1014200.72W

ARP COORDINATES351309.70N/1014221.30W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

FAF COORDINATES351656.09N/1013837.75W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.



<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>
AMA	RNAV (GPS) Y RWY 22	2	AMARILLO	TX	3607	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
TRAVIS BRISTOW			AJV-A421	01/14/2025	AERONAUTICAL INFORMATION SPECIALIST	

