

**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.

<b>AIRPORT ID</b> AMA	<b>PROCEDURE NAME</b> RNAV (GPS) Y RWY 22	<b>ORIGINAL/AMENDMENT</b> 2	<b>CITY</b> AMARILLO	<b>STATE</b> TX
<b>AIRPORT ELEVATION</b> 3607	<b>TDZE</b> 3606	<b>SUPERSEDED</b> RNAV (GPS) Y RWY 22	<b>ORIGINAL/AMENDMENT</b> 1A	<b>DATED</b> 09/10/2020
<b>FACILITY</b> RNAV	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 7 AUGUST 2025	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>MAG VAR</b> 8E
				<b>EPOCH YEAR</b> 2000
				<b>CANCEL/SUSPEND</b>

**TERMINAL ROUTES**

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-15.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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:**

- PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF** (IAF)
- HOLD NE ELTIC, LT, 214.07 INBOUND, 5400 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC:** 214.02                      **FAF:** CIXFE                      **DIST FAF TO MAP:** 4.14                      **DIST FAF TO THLD:** 4.14
- MIN ALT:** ELTIC 5400, CIXFE 5000
- DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:**
- MIN GP INCPT:**                      **GP ALT AT FAF:**                      **OM:**                      **MM:**                      **IM:**
- GP ANGLE:**                      **34:1:** IS CLEAR                      **20:1:** IS CLEAR                      **TCH:**
- 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
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 FROM "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*  
**TRAVIS D BRISTOW**

Mar 31, 2025

*Digitally signed by*  
**DAVID DANNER**

May 14, 2025

*Digitally signed by*  
**CASIMIR L TABAKA**

Jun 06, 2025

**OFFICE**

AJF

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 AJV-A421

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 AJV-A421

**DATE**

05/13/2025

**DATE**  
 01/14/2025

**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	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

