

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> SSF	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> SAN ANTONIO	<u>STATE</u> TX
<u>AIRPORT ELEVATION</u> 578	<u>TDZE</u> 571	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>DATED</u> 08/07/2025	<u>MAG VAR</u> 3E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> ORIG-E	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2025
		<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BRAUN		JABLO		TF	FB	1.00	195.07	39.95	3100
SOMER		HALKE		TF	FB	1.00	102.84	8.80	3000
LEMIG		HALKE		TF	FB	1.00	004.75	8.76	3000
JABLO	IAF	GANLE	NOPT	TF	FB	1.00	247.53	5.00	2500
HALKE	IAF	GANLE	NOPT	TF	FB	1.00	067.44	5.00	2500
GANLE	IF/IAF	FELMA		TF	FB	1.00	337.48	6.07	2500
FELMA	FAF	MAFPY/1.99 NM TO ZUDLA		TF	FB	0.30	337.53	3.12	
MAFPY/1.99 NM TO ZUDLA		ZUDLA	MAP	TF	FO	0.30	337.53	1.99	
ZUDLA	MAP	1100 MSL		CA			337.53		1100
1100 MSL		GANLE		DF	FB	1.00			2500

MISSED APPROACH

MAP:

LNAV: ZUDLA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2500 DIRECT GANLE AND HOLD

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)
2. HOLD SE GANLE, RT, 337.48 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000.

DIST FAF TO MAP:

5.11

DIST FAF TO THLD:

5.60
3. FAC: 337.53

FAF: FELMA
4. MIN ALT: GANLE 2500, FELMA 2500, MAFPY/1.99 NM TO ZUDLA 1440

150 HAT:

GS ANT:
5. DIST TO THLD FROM OM:

MM:

IM:
6. MIN GP INCPT:

GP ALT AT FAF:

MM:

IM:
7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:
8. MSA FROM: ZUDLA 4100



PBN REQUIREMENTS NOTE:

RNP APCH-GPS.

NOTES:

CHART NOTE: RWY 32 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BRAUN ON V68 NORTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SOMER ON V17 NORTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEMIG ON V550-568 AND T499 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 687 BUILDING (48-170258) 292005N/0982823W.
CHART VDP AT 0.59 NM TO ZUDLA.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.15 DEGREES.
FELMA TO RW32: 3.20/40.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
LNAV MDA	940	1	369	940	1	369	940	1	369		NA				
CIRCLING	1040	1	462	1120	1	542	1260	2	682		NA				



CHANGES - REASONS

1. CHANGED FEEDER BRAUN TO JABLO DISTANCE AND DIRECTION FROM 39.91NM/195.11 TO 39.95NM/195.07 - FIX JABLO MOVED.
2. CHANGED FEEDER SOMER TO HALKE DISTANCE AND DIRECTION FROM 8.83NM/103.12 TO 8.80NM/102.84 - FIX HALKE MOVED.
3. CHANGED FEEDER LEMIG TO HALKE DISTANCE AND DIRECTION FROM 8.71NM/004.91 TO 8.76NM/004.75 - FIX HALKE MOVED.
4. CHANGED INTIAL JABLO TO GANLE DIRECTION FROM 246.92 TO 247.53 - FIX JABLO MOVED.
5. CHANGED INTIAL HALKE TO GANLE DIRECTION FROM 066.84 TO 067.44 - FIX HALKE MOVED.
6. CHANGED INTERMEDIATE GANLE TO FELMA DISTANCE AND DIRECTION FROM 6.10NM/336.88 TO 6.07NM/337.48 - FIX FELMA MOVED.
7. CHANGED MSA FROM RWY32 TO FIX ZUDLA - NEW MAP ESTABLISHED.
8. ADDED SDF MAFPY TO LNAV FINAL - OBS AVOIDANCE / LOWER MINS.
9. ADDED MAP ZUDLA - FTP NOT ALIGNED WITH RWY 32 / FINAL APPROACH COURSE OFFSET 15.15 DEGREES.
10. CHANGED MISSED CA ROUTE DIRECTION FROM 336.86 TO 337.53 - ALIGN WITH FAC.
11. CHANGED MISSED APP INSTRUCTIONS FROM "CLIMB TO 4100 DIRECT KONLE AND ON TRACK 293.59 TO KICED AND HOLD." TO READ "CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 2500 DIRECT GANLE AND HOLD" - NEW MISSED HOLDING LOCATION.
12. CHANGED PROFILE LINE 2 "HOLD SE GANLE, RT, 336.88 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000." TO READ "HOLD SE GANLE, RT, 337.48 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000." - HILPT COURSE ALIGNED WITH INTERMEDIATE.
13. CHANGED PROFILE LINE 3 FAC FROM 336.86 TO 337.53 - FIX FELMA MOVED.
14. CHANGED PROFILE LINE 3 DIST FAF TO MAP FROM 5.56 TO 5.11 AND DIST FAF TO THLD FROM 5.56 TO 5.60 - MOVED FAF AND ADDED MAP.
15. ADDED PROFILE LINE 4 MIN ALT AT MAFPY 1440 - NEW SDF FIX.
16. CHANGED FAS OBS FROM 769 AAO TO 687 BUILDING (48-170258) 292005N/0982823W - SDF ADDED.
17. CHANGED ADDITIONAL FLIGHT DATA "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 14.48 DEGREES" TO READ "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 15.15 DEGREES" - FAC CHANGED.
18. CHANGED ADDITIONAL FLIGHT DATA "CHART VDP AT 1.32 NM TO RW32" TO READ "CHART VDP: 0.59 NM TO ZUDLA" - NEW MAP.
19. CHANGED ADDITIONAL FLIGHT DATA "FELMA TO RW32: 3.22/40" TO READ "FELMA TO RW32: 3.20/40" - NEW FAF LOCATION.
20. DELETED ADDITIONAL FLIGHT DATA "HOLD NW, RT, 143.00 INBOUND" - HOLDING CHANGED TO "HOLD SE, RT, 337.48 INBOUND" AND DOCUMENTED IN PROFILE LINE 2.
21. REMOVED "CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - VGSI AND GPA/TCH ARE COINCIDENT.
22. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SOMER ON V17 SOUTHBOUND TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SOMER ON V17 NORTHBOUND. - TURNS FROM V17 SOUTHBOUND EXCEED 90 DEGREES.
23. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEMIG ON V550-568 SOUTHBOUND" TO "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LEMIG ON V550-568 AND T499 SOUTHBOUND" - END POINT FOR T499.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZHU, SAT APP CON, AMGR

FLIGHT CHECKED BY

BRIAN HARRELSON

Digitally signed by

ROBERT G HAMILTON

Sep 25, 2025

OFFICE

AJF

DATE

09/11/2025

DEVELOPED BY

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Apr 18, 2025

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DATE

04/02/2025

APPROVED BY

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Sep 25, 2025

OFFICE

AJV-A433

DATE

TITLE

MANAGER

