

**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>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
ALB	RNAV (GPS) RWY 28	1	ALBANY	NY	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
285	285	RNAV (GPS) RWY 28	10/06/2022	13W	1980
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>	
RNAV		22 JANUARY 2026	ROUTINE		

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>
CAM VOR/DME	IAF	TROSI		TF	FB	1.00	221.01	16.20	3500
CANAN	IAF	TUTDU		TF	FB	1.00	011.89	12.31	3500
TUTDU	IAF	TROSI		TF	FB	1.00	333.69	4.47	3500
MMACK	IAF	TROSI		TF	FB	1.00	281.50	8.00	3500
HINNK	IAF	TROSI		TF	FB	1.00	191.38	7.00	3500
TROSI	IF	YAKUT		TF	FB	1.00	281.38	4.10	2600
YAKUT		JASPP		TF	FB	1.00	281.34	2.16	2200
JASPP	FAF	RW28	MAP	TF	FO	0.30	281.27	5.84	
RW28	MAP	685 MSL		CA			281.27		
685 MSL		ZEJAY		DF	FB	1.00			
ZEJAY		MARIA		TF	FO	1.00	305.20	13.97	3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT ZEJAY AND ON TRACK 305.20 TO MARIA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)									
2.	PROFILE STARTS AT TROSI														
3.	FAC:	281.27	FAF:	JASPP	DIST FAF TO MAP:	5.84	DIST FAF TO THLD:	5.84							
4.	MIN ALT: TROSI 3500, YAKUT 2600, JASPP 2200														
5.	DIST TO THLD FROM OM:		MM:		IM:		150 HAT:		498 HAT:	1.42	GS ANT:				
6.	MIN GP INCPT:	2200	GP ALT AT PFAF:	JASPP 2200			OM:				MM:			IM:	
7.	GP ANGLE:	3.02	34:1:	IS NOT CLEAR	20:1:	IS CLEAR	TCH:	50.0							
8.	MSA FROM: RW28 4700														

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA WEST OF RWY 1-19.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.
CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CANAN ON V487 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON CAM VOR/DME AIRWAY RADIALS 203 CW 285.
CHART SPEED ICON IN PLANVIEW AT TUTDU: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 119.05 INBOUND.
CHART FAS OBST: 510 TREE (36-021298) 424455N/0734558W.
CHART VDP AT 1.31 NM TO RW28.
WAAS CHANNEL # 78124
REFERENCE PATH ID: W28A
LTP HAE: 53.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/4, 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
LPV DA	783	1 3/8	498	783	1 3/8	498	783	1 3/8	498	783	1 3/8	498			
LNAV/VNAV DA	825	1 1/2	540	825	1 1/2	540	825	1 1/2	540	825	1 1/2	540			
LNAV MDA	780	1	495	780	1	495	780	1 3/8	495	780	1 3/8	495			
CIRCLING	820	1	535	820	1	535	860	1 1/2	575	960	2 1/4	675			



CHANGES - REASONS

1. ADDED TERMINAL ROUTE MMACK TO TROSI. – PROCEDURE REDESIGN PER FPT/ATC.
2. ADDED TERMINAL ROUTE HINNK TO TROSI. - PROCEDURE REDESIGN PER FPT/ATC.
3. TERMINAL ROUTE TUTDU FIX TYPE CHANGED TO IAF. – ATC/FPT REQUEST.
4. TERMINAL ROUTE TROSI TO YAKUT CHARTED ALTITUDE CHANGED FROM 2500 TO 2600. – NEW AIRSPACE CONTROLLING OBSTACLE.
5. TERMINAL ROUTE INTERMEDIATE STEPDOWN LEG CHANGED FROM “YAKUT TO SIMAY, 281.32, 2.09, 2200” TO “YAKUT TO JASPP, 281.34, 2.16, 2200”. – PFAF CHANGED FROM SIMAY TO JASPP AND MOVED TO ALIGN WITH VGSI, IAW 8260.3G 2-6-2.A.
6. TERMINAL ROUTE FINAL LEG CHANGED FROM “SIMAY TO RW28, 281.28, 5.91” TO “JASPP TO RW28, 281.27, 5.84.” – PFAF CHANGED FROM SIMAY TO JASPP AND MOVED TO ALIGN WITH VGSI, IAW 8260.3G 2-6-2.A.
7. TERMINAL ROUTE MISSED APPROACH COURSE CHANGED FROM 281.28 TO 281.27. – TO ALIGN WITH FINAL COURSE IAW 8260.3G 2-8-2.
8. ALL TERMINAL ROUTES ADDED LEG TYPE AND RNP VALUES. – IAW 8260.19J 8-6-4.A(6).
9. PROFILE LINE 3 CHANGED FROM “FAC 281.28, FAF SIMAY, DIST FAF TO MAP 5.91, THLD 5.91” TO “FAC 281.27, FAF JASPP, DIST FAF TO MAP 5.84, DIST FAF TO THLD 5.84.” – PFAF RELOCATED.
10. PROFILE LINE 4 YAKUT CHANGED FROM 2500 TO 2600. – NEW AIRSPACE CONTROLLING OBSTACLE.
11. PROFILE LINE 5, MOVED FROM ADDITIONAL DATA AND CHANGED FROM “DISTANCE TO THLD FROM 498 HATH: 1.43NM” TO “498 HAT: 1.42”. – IAW 8260.19J 8-6-7.E(3), FINAL REDESIGN PER ATC/FPT.
12. PROFILE LINE 6 GS ALT AT SIMAY 2200 CHANGED TO GP ALT AT PFAF JASPP 2200. - PFAF CHANGED FROM SIMAY TO JASPP.
13. PROFILE LINE 7 GP ANGLE CHANGED FROM 3.00 TO 3.02 AND TCH CHANGED FROM 40.0 TO 50.0. – TO ALIGN WITH VGSI, IAW 8260.3G 2-6-2.A.
14. PROFILE LINE 7 ADDED 20:1 IS CLEAR. – IAW 8260.19J 8-6-7.G(3).
15. CHART NOTE “RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA” CHANGED FROM “1 SM NA” TO “3/4 SM NOT AUTHORIZED”. – NO 20:1 PENETRATIONS, IAW 8260.19J 8-6-12.K(2).
16. CHART NOTE “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, NAV/VNAV NA BELOW -18°C OR ABOVE 42°C” CHANGED FROM “-18°C OR ABOVE 42°C” TO “-20°C OR ABOVE 54°C”. – UPDATED HISTORICAL TEMPERATURE DATA.
17. CHART NOTE “CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CANAN ON V487 SOUTHWEST BOUND AND V130 SOUTHEAST BOUND” REMOVED “V130 SOUTHEAST BOUND”. – V130 NO LONGER EXISTS.
18. CHART NOTE “PROCEDURE NA FOR ARRIVALS ON CAM VOR/DME AIRWAY RADIALS 203 CW 286” CHANGED FROM “RADIALS 203 CW 286” TO “RADIALS 203 CW 285”. – TO ALIGN WITH PUBLISHED ROUTE T316.
19. REMOVED CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT. – NO 20:1 PENETRATIONS.
20. ADDED NOTE “CHART SPEED ICON IN PLANVIEW AT TUTDU: MAX 210 KIAS.” – PER ATC/FPT REQUEST.
21. ADDED OBSTACLE NUMBER TO CHART FAS OBST: 510 TREE (36-021298) 424455N/0734558W. – IAW 8260.19J 8-6-11.E.
22. REMOVED ADDITIONAL FLIGHT DATA: 719 MSL AAO 424437N/0733930W. – NEW OBSTACLE, MOVED TO GENERAL REMARKS PART C IAW 8260.19 8-6-11.C
23. ADDED CHART VDP AT 1.31 NM TO RW28. – 20:1 IS CLEAR, IAW 8260.3G 2-6-5.
24. LTP HAE CHANGED FROM 53.2 M TO 53.1 M. – NEW TCH AND GPA TO ALIGN WITH VGSI.
25. MINIMUMS LPV VISIBILITY ALL CATS CHANGED FROM 1 3/4 SM TO 1 3/8 SM. – IAW 8260.3G 3-3-1 VISIBILITY TABLES.
26. MINIMUMS LNAV/VNAV VISIBILITY ALL CATS CHANGED FROM 1 7/8 SM TO 1 1/2 SM. – IAW 8260.3G 3-3-1 VISIBILITY TABLES.
27. FAS DATA: LTP/FTP LAT/LONG DATA CHANGED FROM 424458.8220N/0734723.1815W TO 424458.8310N/734723.0525W AND FPAP LAT/LONG CHANGED FROM 424455.9900N/0734924.0500W TO 424455.9870N/734923.9210W. – UPDATED AIRNAV DATA, RWY 28 DISPLACED THRESHOLD.
28. FAS DATA: LTP/FTP ELLIPSOIDAL HEIGHT CHANGED FROM +00532 TO +00531. – NEW FAS DATA CALCULATIONS.
29. FAS DATA: TCH AND GPA CHANGED FROM 00040.0/03.00 TO 00050.0/03.02. – ALIGN WITH VGSI.
30. FAS DATA: CRC REMAINDER CHANGED FROM E7D73BA3 TO 7BD5CF61, LTP AND FPAP ORTHOMETRIC HEIGHTS CHANGED FROM +00846 TO +00845. – NEW FAS DATA CALCULATIONS.

11/12/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 10/24/2025.

ADDITIONAL FLIGHT DATA: REMOVED "CHART CIRCLING ICON"

COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZBW, ALB ATC, AMGR

FLIGHT CHECKED BY

GALEN W COLLINS

Digitally signed by

CASIMIR L TABAKA

Oct 24, 2025

OFFICE

AJF

DATE

10/17/2025

DEVELOPED BY

JAMIE KUNKLER

Digitally signed by

CASIMIR L TABAKA

Oct 24, 2025

OFFICE

AJV-A432

DATE

05/08/2025

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by

CASIMIR L TABAKA

Oct 24, 2025

OFFICE

AJV-A432

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KALB
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	424458.8310N
LTP/FTP LONGITUDE	0734723.0525W
LTP/FTP ELLIPSOIDAL HEIGHT	+00531
FPAP LATITUDE	424455.9870N
FPAP LONGITUDE	0734923.9210W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.02
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	7BD5CF61

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+00845
FPAP ORTHOMETRIC HEIGHT	+00845

