

**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> TOG/PATG	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 21	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> TOGIK VILLAGE	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 19	<u>TDZE</u> 18	<u>SUPERSEDED</u> RNAV (GPS) RWY 21	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2020
		<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-24.

<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>
BROUS		YARUV		TF	FB	1.00	279.48	15.00	5000
NACIP		ZADUB		TF	FB	1.00	098.34	8.00	4900
YARUV	IAF	UVEPE		TF	FB	1.00	257.33	7.25	5000
UVEPE		FASGI		TF	FB	1.00	257.13	5.78	3700
ZADUB	IAF	WIRPU		TF	FB	1.00	128.46	3.88	4500
WIRPU		FASGI		TF	FB	1.00	128.53	5.81	3700
FASGI	IF	REBOY		TF	FB	1.00	202.16	4.36	2400
REBOY		JIROP		TF	FB	1.00	202.10	2.20	1700
JIROP	FAF	YIPVU/1.60 NM TO FEVKU		TF	FB	0.30	200.45	3.07	
YIPVU/1.60 NM TO FEVKU		FEVKU	MAP	TF	FO	0.30	200.45	1.60	
FEVKU	MAP	500 MSL		CA			200.45		500
500 MSL		ROGOC		DF	FO	1.00			4400

MISSED APPROACH

MAP:

LP: FEVKU
LNAV: FEVKU

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMB TO 4400 DIRECT ROGOC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
35
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2.	PROFILE STARTS AT FASGI					
3.	FAC:	200.45	FAF:	JIROP	DIST FAF TO MAP:	4.67
4.	MIN ALT:	FASGI 3700, REBOY 2400, JIROP 1700, YIPVU/1.60 NM TO FEVKU 720				
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 NOT CLEAR	20:1:	IS NOT CLEAR	TCH:
8.	MSA FROM:	FEVKU 4500				

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA.
CHART NOTE: CIRCLING NA NW OF RWY 3-21.
CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 014.98 INBOUND.
CHART FAS OBST: 83 ANTENNA (02-218201) 590343N/1602234W.
WAAS CHANNEL # 72841
REFERENCE PATH ID: W21A
FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 10.00 DEGREES.
YIPVU TO RW21: 3.00/40.
FICTITIOUS THRESHOLD POINT (CFTRX) DO NOT CHART.
FTP HAE: 19.1 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2



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	340	1	322	340	1	322	340	1	322	340	1	322			
LNAV MDA	340	1	322	340	1	322	340	1	322	340	1	322			
CIRCLING	400	1	381	480	1	461	480	1 1/2	461	800	2 1/2	781			



CHANGES - REASONS

1. AIRPORT ELEVATION: CHANGED FROM 18 TO 19 - PATG AIRNAV DATA UPDATE.
2. TERMINAL ROUTES: FEEDER BROUS TO YARUV, CHANGED RNP FROM 2.00 TO 1.00 - MAJORITY OF FEEDER SEGMENT INSIDE 30 NM FROM ARP, 8260.58C TABLE 1-2-1.
3. TERMINAL ROUTES: FEEDER NACIP TO ZADUB, CHANGED RNP FROM 2.00 TO 1.00 - FEEDER SEGMENT INSIDE 30 NM FROM ARP, 8260.58C TABLE 1-2-1.
4. TERMINAL ROUTES: FEEDER NACIP TO ZADUB, INCREASED MIN ALTITUDE FROM 4500 TO 4900 - NEW CONTROLLING OBSTACLE.
5. TERMINAL ROUTES: FINAL STEPDOWN YIPVU TO FEVKU, CHANGED FB TO FO - 8260.19J PARA 8-6-4.A.(6)(C).
6. TERMINAL ROUTES: MISSED APPROACH SEGMENTS, CHANGED 340 MSL TO 500 MSL - ADDED CLIMB-TO ALTITUDE 500 BECAUSE FIRST FIX AFTER MAP NOT WITHIN 1 DEGREE OF FAC EXTENDED AND LOWEST MDA LESS THAN 400 FT ABOVE AIRPORT ELEVATION, 8260.58C PARA 3-5-2.A.(1).
7. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 4400 DIRECT ROGOC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400" TO "CLIMB TO 500 THEN CLIMB TO 4400 DIRECT ROGOC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4400" - FIRST FIX AFTER MAP NOT WITHIN 1 DEGREE OF FAC EXTENDED AND LOWEST MDA LESS THAN 400 FT ABOVE AIRPORT ELEVATION, 8260.58C PARA 3-5-2.A.(1).
8. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS" - REQUIRED NAVSPEC AND SENSOR, 8260.19J PARA 8-6-8.D.(5)(A)1.
9. NOTES: ADDED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA" - RESTORED FROM CONTINGENCY RECORD ON 8260-9.
10. NOTES: DELETED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NACIP ON V350 NORTHWEST BOUND" - CANCELLATION OF V350.
11. NOTES: DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - REPLACED BY PBN REQUIREMENTS NOTE.
12. ADDITIONAL FLIGHT DATA: CHART FAS OBST, ADDED OBSTACLE ID "(02-218201)" - CURRENT FORMAT, 8260.19J PARA 8-6-11.C.
13. ADDITIONAL FLIGHT DATA: CHANGED "FAC CROSSES RWY C/L EXTENDED 3005 FT FROM THLD" TO "FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD" - NEW CALCULATION.
14. ADDITIONAL FLIGHT DATA: CHANGED "LTP HAE: 18.9 M" TO "FTP HAE: 19.1 M" - FTP FOR OFFSET FINAL.
15. ALTERNATE MINIMUMS: ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" - MUST BE BASED ON LOCAL ALTIMETER SETTING ONLY, 8260.3F PARA 3-4-1.A.(1).
16. MINIMUMS: CHANGED CIRCLING HAA CAT A FROM 382 TO 381, CAT B/C FROM 462 TO 461, AND CAT D FROM 782 TO 781 - CHANGE IN AIRPORT ELEVATION.
17. FAS DATA BLOCK INFORMATION: CHANGED LTP/FTP LAT/LONG FROM 590324.3030N/1602316.7580W TO 590323.9185N/1602317.2115W, LTP/FTP ELLIPSOIDAL HEIGHT FROM +00189 TO +00191, AND FPAP LAT/LONG FROM 590208.4090N/1602446.5310W TO 590208.0255N/1602446.9840W - NEW CALCULATIONS.
18. FAS DATA BLOCK INFORMATION: CHANGED CRC REMAINDER FROM 2F53D07E TO 0178C95D - NEW FAS DATA CALCULATIONS.
19. ADDITIONAL PATH POINT RECORD INFORMATION: CHANGED LTP AND FPAP ORTHOMETRIC HEIGHT FROM +00054 TO +00056 - NEW CALCULATIONS.

09/17/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/03/2025.
ADDITIONAL FLIGHT DATA: DELETED CHART CIRCLING ICON.

10/16/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/03/25.
1. ALTERNATE MINIMUMS: DELETED "NA WHEN LOCAL WEATHER NOT AVAILABLE."

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

STATE OF ALASKA DOT/PF, ZAN

FLIGHT CHECKED BY
ROBERT TAHTÉ PERKINS

Digitally signed by
CASIMIR L TABAKA
Oct 17, 2025

OFFICE
FIOG
DATE
07/31/2025

DEVELOPED BY
RICHARD BRUCE

Digitally signed by
CASIMIR L TABAKA
Oct 17, 2025

OFFICE
AJV-A422
DATE
03/27/2025

APPROVED BY
BEV L BORDY

Digitally signed by
CASIMIR L TABAKA
Oct 17, 2025

OFFICE
AJV-A420
DATE
10/23/2025
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PATG
RUNWAY	RW21
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W21A
LTP/FTP LATITUDE	590323.9185N
LTP/FTP LONGITUDE	1602317.2115W
LTP/FTP ELLIPSOIDAL HEIGHT	+00191
FPAP LATITUDE	590208.0255N
FPAP LONGITUDE	1602446.9840W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	00.0
CRC REMAINDER	0178C95D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00056
FPAP ORTHOMETRIC HEIGHT	+00056

