

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> ENN/PANN	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> NENANA	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 368	<u>TDZE</u> 368	<u>SUPERSEDED</u> RNAV (GPS) RWY 4L	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 10/07/2021
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 NOVEMBER 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 13E
				<u>EPOCH YEAR</u> 2030
				<u>CANCEL/SUSPEND</u>

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SOSCA	IAF	ZENEX		TF	FB	1.00	142.54	6.80	3000
WHYTT	IAF	ZENEX		TF	FB	1.00	028.63	8.92	3000
ZENEX	IF	EKUCO		TF	FB	1.00	052.64	4.00	2000
EKUCO	FAF	HECKL/2.45 NM TO FORIT		TF	FB	0.30	052.77	2.32	
HECKL/2.45 NM TO FORIT		FORIT	MAP	TF	FO	0.30	052.77	2.45	
FORIT	MAP	740 MSL		CA			052.77		
740 MSL		JASEK		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LNAV: FORIT

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT JASEK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT ZENEX
- FAC: 052.77 FAF: EKUCO DIST FAF TO MAP: 4.77 DIST FAF TO THLD: 5.02
- MIN ALT: ZENEX 3000, EKUCO 2000, HECKL/2.45 NM TO FORIT 1260
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF:
- GP ANGLE: 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH:
- MSA FROM: RW04L 5400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: CIRCLING NA NW OF RWY 4L-22R.
CHART NOTE: CIRCLING NA TO RWYS 4R, 22L, 4W, AND 22W.
CHART NOTE: RWY 4L HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FAI/PAFA ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WHYTT ON T399 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

HOLD SW, LT, 053.25 INBOUND.
CHART FAS OBST: 481 TREE (02-317761) 643157N/1490811W.
CHART R-2206A, C, E.
FAC CROSSES RWY C/L EXTENDED 1501 FT FROM THLD.
CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 7.00 DEGREES.
EKUCO TO RW4L: 3.00/35.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, 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	740	1	372	740	1	372	740	1	372	740	1	372			
CIRCLING	820	1	452	820	1	452	1140	2 1/4	772	1140	2 1/2	772			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAMS FOR AMDTS 1A AND 1B INTO FORM - 8260.19J 8-3-4.C.(3).
2. TERMINAL ROUTES: DELETED INITIAL SEGMENT FROM ROYOY TO ICEBI AND INTERMEDIATE SEGMENT FROM ICEBI TO EKUCO - PROCEDURE REDESIGN, REQUESTED BY FPT/ATC.
3. TERMINAL ROUTES: ADDED NEW INITIAL SEGMENTS FROM SOSCA TO ZENEX AND FROM WHYTT TO ZENEX - PROCEDURE REDESIGN, REQUESTED BY FPT/ATC.
4. TERMINAL ROUTES: ADDED NEW INTERMEDIATE SEGMENT FROM ZENEX TO EKUCO - PROCEDURE REDESIGN, REQUESTED BY FPT/ATC.
5. TERMINAL ROUTES: ADDED FINAL SEGMENTS FROM EKUCO TO HECKL AND FROM HECKL TO FORIT - REQUIRED BY 8260.19J 8-6-4, STEPDOWN FIX ADDED TO LOWER MDA.
6. TERMINAL ROUTES: ADDED MISSED APPROACH SEGMENTS FROM FORIT TO 740 MSL AND FROM 740 MSL TO JASEK - REQUIRED BY 8260.19J 8-6-4, MISSED PROCEDURE REDESIGN REQUESTED BY FPT/ATC.
7. MISSED APPROACH: MAP CHANGED FROM RW4L TO FORIT - MAP OFFSET FROM RW4L BECAUSE FINAL OFFSET 7 DEGREES TO ALLOW NEW MISSED PROCEDURE TO AVOID HIGH TERRAIN.
8. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMBING RIGHT TURN TO 3000 DIRECT ICEBI AND HOLD" TO "CLIMB TO 5000 DIRECT JASEK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000" - NEW STRAIGHT-AHEAD MISSED REQUESTED BY FPT/ATC TO AVOID R-2206.
9. PROFILE LINE 2: DELETED HILPT AND REPLACED WITH "PROFILE STARTS AT ZENEX (NEW IF)" - PROCEDURE REDESIGN, REQUESTED BY FPT/ATC TO AVOID R-2206.
10. PROFILE LINE 3: CHANGED FAC FROM 037.78 TO 052.77, CHANGED "DIST FAF TO MAP" FROM 4.95 TO 4.77, AND CHANGED "DIST FAF TO THLD" FROM 4.95 TO 5.02 - FINAL OFFSET 7 DEGREES AND MAGVAR UPDATE FROM 21E TO 13E, MAP OFFSET FROM RUNWAY DUE TO FINAL OFFSET.
11. PROFILE LINE 4: REPLACED "ICEBI 3000" WITH "ZENEX 3000" AND ADDED "HECKL/2.45 NM TO FORIT 1260" - NEW IF ZENEX DUE TO OFFSET FINAL AND NEW FINAL SDF HECKL TO LOWER MDA.
12. PROFILE LINE 7: ADDED "20:1 IS NOT CLEAR" - IDENTIFIED 20:1 PENETRATIONS.
13. PROFILE LINE 8: REPLACED TAA WITH NEW MSA - PROCEDURE REDESIGN, REQUESTED BY FPT/ATC TO AVOID R-2206.
14. PBN REQUIREMENTS NOTE: ADDED REQUIRED SENSOR "GPS" - 8260.19J 8-6-8.D.(5)(A)1.
15. NOTES: CHANGED CIRCLING RESTRICTION FROM "CIRCLING NA W OF RWY 4L-22R" TO "CIRCLING NA NW OF RWY 4L-22R" - LATEST DIRECTION DEFINITIONS.
16. NOTES : CHANGED CHART NOTE FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FAIRBANKS INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV CAT C AND CIRCLING CATS C/D VISIBILITY 1/4 SM" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE FAI/PAFA ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV VISIBILITY CATS C AND D 3/8 SM, AND CIRCLING VISIBILITY CATS C AND D 1/4 SM" - REFORMATTED TO USE LOCATION ID AND NEW VISIBILITY EVALUATION.
17. NOTES: ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WHYTT ON T399 SOUTHWEST BOUND" - LIMIT TURN AT WHYTT TO 90 DEGREES.
18. ADDITIONAL FLIGHT DATA: ADDED "HOLD SW, LT, 053.25 INBOUND" - NEW MISSED APPROACH HOLDING POINT AND PATTERN, NOT CO-LOCATED WITH HILPT, 8260.19J 8-6-6.G.
19. ADDITIONAL FLIGHT DATA: CHANGED "FAS OBST: 580 AAO 642941N/1491156W" TO "CHART FAS OBST: 481 TREE (02-317761) 643157N/1490811W" - NEW FINAL CONTROLLING OBSTACLE.
20. ADDITIONAL FLIGHT DATA: ADDED "CHART R-2206A, C, E" - SITUATIONAL AWARENESS TO AID IN AVOIDING RESTRICTED AIRSPACE.
21. ADDITIONAL FLIGHT DATA: ADDED "FAC CROSSES RWY C/L EXTENDED 1501 FT FROM THLD" AND "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 7.00 DEGREES" - FINAL OFFSET WITH RWY C/L INTERCEPT OFFSET FROM THLD AS PART OF PROCEDURE REDESIGN TO ALLOW NEW MISSED APPROACH TO AVOID HIGH TERRAIN.
22. ADDITIONAL FLIGHT DATA: CHANGED "EKUCO TO RW4L: 3.04/35" TO "EKUCO TO RW4L: 3.00/35" - PROCEDURE REDESIGN TO VDA 3.00.
23. ADDITIONAL FLIGHT DATA: DELETED "630 AAO 643006N/1491448W" - 8260.3 CHAPTER 2 (7:1) NO LONGER APPLIED.
24. ADDITIONAL FLIGHT DATA: DELETED "CHART VDP AT 1.25 MILES TO RW04L" - VDP REMOVED DUE TO 20:1 PENETRATIONS, 8260.3G 2-6-5.A.(4).
25. ALTERNATE MINIMUMS: CHANGED FROM "STANDARD EXCEPT CAT C 900-2 1/2, CAT D 900-2 3/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD EXCEPT CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE" - NEW EVALUATION, LOWERING OF CIRCLING CAT C/D MDA/HAA.
26. MINIMUMS: LOWERED LNAV MDA/HAT ALL CATS FROM 800/432 TO 740/372 - ADDITION OF STEPDOWN FIX, NEW CONTROLLING OBSTACLE.
27. MINIMUMS: LOWERED LNAV CAT C, D VISIBILITY FROM 1 1/4, 1 1/2 TO 1 SM - NEW EVALUATION, LOWERING OF LNAV MDA/HAT, 8260.3G TABLE 3-3-1.
28. MINIMUMS: LOWERED CIRCLING CAT A/B MDA/HAA FROM 860/492 TO 820/452 - NEW CONTROLLING OBSTACLE WITH BETTER ACCURACY CODE.
29. MINIMUMS: LOWERED CIRCLING CAT C/D MDA/HAA FROM 1180/812 TO 1140/772 - NEW CONTROLLING OBSTACLE.
30. MINIMUMS: LOWERED CIRCLING CAT C, D VISIBILITY FROM 2 1/2, 2 3/4 TO 2 1/4, 2 1/2 - NEW EVALUATION, LOWERING OF CIRCLING CAT C/D MDA/HAA, 8260.3G TABLE 3-3-7.

COORDINATED WITH:

A4A

ALPA

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AOPA

☒

APA

HAI

NBA

☒

OTHER: ZAN, FAI APP CON, AK DOT-PFN-REGION, AMGR

FLIGHT CHECKED BY

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