

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (RNP) 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> PAFA	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 2L	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> FAIRBANKS	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 439	<u>TDZE</u> 439	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 2L	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 15E	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 OCTOBER 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
GLDHL	IAF	UKCOR		TF	FB	1.00	193.71	3.47	4000
GLOWS	IAF	OTIZO		TF	FB	1.00	000.42	15.72	2600
KRIIS	IAF	OFJEN		TF	FB	1.00	260.94	4.69	4500
UKCOR	IF	WULSE		TF	FB	1.00	193.79	3.15	4000
WULSE		OKXAC		RF	FB	1.00	(2.50 NM RADIUS CCW (CFNRF))	3.21	3200
OKXAC		JIRIG		RF	FB	1.00	(2.50 NM RADIUS CCW (CFNRF))	4.25	2200
OTIZO	IF	JIRIG		TF	FB	1.00	022.86	3.15	2200
OFJEN	IF	WERDU		TF	FB	1.00	260.78	3.15	3800
WERDU		JIRIG		RF	FB	1.00	(2.45 NM RADIUS CW (CFPPR))	5.23	2200
JIRIG		HONUT		TF	FB	0.50	022.93	2.14	1600
HONUT	PFAF	RW02L	MAP	TF	FO	0.30	022.97	3.48	
RW02L	MAP	USAZY		TF	FB	1.00	023.05	5.75	
USAZY		ODIFU		RF	FB	1.00	(3.80 NM RADIUS CW (CFFMZ))	10.68	
ODIFU		KRNKL		TF	FO	1.00	184.43	9.69	5000



MISSED APPROACH**MAP:**

RNP: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 ON TRACK 023.05 USAZY THEN RIGHT TURN TO ODIFU AND TRACK 184.43 TO KRNL AND HOLD.

*MISSED APPROACH REQUIRES MINIMUM CLIMB OF 222 FEET PER NM TO 2420.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT JIRIG					
3. FAC:	022.97	PFAF: HONUT	DIST PFAF TO MAP:	DIST PFAF TO THLD:	
4. MIN ALT:	JIRIG 2200, HONUT 1600				
5. DIST TO THLD FROM PFAF:	3.48	MM:	IM:	150 HAT:	316 HAT: 0.83
6. MIN GP INCPT:	1600	GP ALT AT PFAF :	HONUT 1600	OM:	GS ANT:
7. GP ANGLE:	3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.9	MM: IM:
8. MSA FROM:	RW02L 4400				

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C.

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10* ALL CATS VISIBILITY TO RVR 4500, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 5500, AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000.

CHART PLANVIEW NOTE AT WULSE, WERDU: DO NOT EXCEED 210 KIAS UNTIL JIRIG.

CHART SPEED ICON IN PLANVIEW AT GLDHL: MAX 240 KIAS.

CHART SPEED ICON IN PLANVIEW AT GLOWS: MAX 240 KIAS.

CHART SPEED ICON IN PLANVIEW AT UKCOR: MAX 230 KIAS.

CHART SPEED ICON IN PLANVIEW AT OTIZO: MAX 210 KIAS.

CHART SPEED ICON IN PLANVIEW AT OFJEN: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART AT OR ABOVE 5000 AT KRIIS

CHART: DELTA 1 MOA

CHART MANDATORY 5000 AT GLOWS

HOLD SE, RT, 292.67 INBOUND.



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
AUTHORIZATION REQUIRED															
RNP 0.10 DA*	755	2400	316	755	2400	316	755	2400	316	755	2400	316			
RNP 0.10 DA	805	3500	366	805	3500	366	805	3500	366	805	3500	366			
RNP 0.30 DA	855	4000	416	855	4000	416	855	4000	416	855	4000	416			

CHANGES - REASONS

1. TERMINAL ROUTES: REMOVED SEGMENT URSAA OTIZO - REPLACED WITH GLOWS TO OTIZO.
2. TERMINAL ROUTES: ADDED SEGMENT GLOWS TO OTIZO - ATC REQUEST.
3. TERMINAL ROUTES: CHANGED SEGMENT JIRIG TO HONUT RNP FROM 0.06 TO 0.05 AND ADDED NOTE "CHART PLANVIEW NOTE AT JIRIG: (RNP 0.50)" - CHANGED TO MITIGATE OBSTACLE AND IAW .19 4-6-10 F.
4. TERMINAL ROUTES: CHANGED SEGMENT RW02L TO USAZY COURSE FROM 023.03 TO 023.05 - NEW CALCULATED MISSED APPROACH COURSE.
5. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 5000 ON TRACK 023.03 USAZY AND RIGHT TURN TO ODIFU AND TRACK 184.43 TO KRNL AND HOLD" TO "CLIMB TO 5000 ON TRACK 023.05 USAZY THEN RIGHT TURN TO ODIFU AND TRACK 184.43 TO KRNL AND HOLD. *MISSED APPROACH REQUIRES MINIMUM CLIMB OF 222 FEET PER NM TO 2420" - MA COURSE CHANGED AND ATC/PBN REQUESTED 0.10 LINE OF MINIMA AND LOWER DA USING CG/CGTA.
6. PROFILE LINE 5: CHANGED FROM "359 HAT: 0.96" TO "316 HAT: 0.83" - CHANGED LINE OF MINIMA AND LOWERED HAT.
7. PROFILE LINE 8: CHANGED FROM "RW2L 4500" TO "RW2L 4400" - NEW OBSTACLE/NO ACCURACY CODE REQUIRED.
8. NOTES: CHANGED FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18°C OR ABOVE 54°C TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C OR ABOVE 54°C - NEW 5-YEAR TEMP CALCULATION.
9. NOTES: REMOVED "CHART PLANVIEW NOTE AT GLDHL, URSAA, KRIIS: (RNP 0.60)" - USED RNP 1.0, NOT REQUIRED.
10. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT GLDHL: MAX 240 KIAS, CHART SPEED ICON IN PLANVIEW AT GLOWS: MAX 240 KIAS, CHART SPEED ICON IN PLANVIEW AT UKCOR: MAX 230 KIAS, CHART SPEED ICON IN PLANVIEW AT OTIZO: MAX 210 KIAS, AND CHART SPEED ICON IN PLANVIEW AT OFJEN: MAX 210 KIAS" - IAW .19I 4-6-10.G.
11. NOTES: CHANGED FROM "CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.15 ALL CATS VISIBILITY TO RVR 6000" TO "CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10* ALL CATS VISIBILITY TO RVR 4500, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 5500, AND INCREASE RNP 0.30 ALL CATS VISIBILITY TO RVR 6000." - NEW LINES OF MINIMA/NEW DAS.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART MANDATORY 5000 AT GLOWS" - ATC ADDED MANDATORY ALTITUDE AT NEW IAF GLOWS.
13. ADDITIONAL FLIGHT DATA: ADDED "CHART AT OR ABOVE 5000 AT KRIIS" - ATC ADDED ALTITUDE TO MATCH HRDNG STAR.
14. MINIMUMS: ADDED 0.10 DA* LINE OF MINIMA 755 DA, 2400 VIS, 316 HAT FOR CATS A, B, C, D - ATC REQUESTED.
15. MINIMUMS: ADDED 0.10 LINE OF MINIMA 788 DA, 3000 VIS, 366 HAT FOR CATS A, B, C, D - ATC REQUESTED.
16. MINIMUMS: REMOVED 0.15 LINE OF MINIMA - ATC REQUESTED.
17. MINIMUMS: CHANGED 0.30 LINE OF MINIMA FROM "851 DA, 4500 VIS, 412 HAT" FOR CATS A, B, C, D TO "850 DA, 4000 VIS, 411 HAT" FOR CATS A, B, C, D - ATC REQUESTED.



COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, FAI APP CON, FAI ATCT, FAI AMGR, AK AERO

FLIGHT CHECKED BY
JEREMY C. LEIGHTON

Digitally signed by
CASIMIR L TABAKA
Aug 08, 2023

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FPO

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TITLE
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