

<b>US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</b>				<b>RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, TITLE 14 CFR PART 97.33</b>				Bearings, headings, courses, 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 in feet RVR.							
<b>TERMINAL ROUTES</b>										<b>MISSED APPROACH</b>					
FROM		TO		COURSE AND DISTANCE				ALTITUDE		<b>RNP: DA</b>  CLIMB TO 4000 ON TRACK 200.11 TO BOSGE AND LEFT TURN TO AKIKE AND ON TRACK 029.77 TO KRNKL AND HOLD.  ADDITIONAL FLIGHT DATA: HOLD E, RT, 289.67 INBOUND. DISTANCE TO THLD FROM 324 HAT: 0.84 NM. ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S ROUTE TYPE: A, H #TCH 494.7 MSL (DO NOT CHART) CHART BETWEEN 5000 AND 6500 AT MINRR CHART BETWEEN 5000 AND 6500 AT ROAAD CHART: DELTA 1 MOA					
MUSHR (IAF)		TRPLN (TF) (FB) (RNP 1.00)		154.91 / 4.51				5500							
TRPLN (IF)		CIGNI (TF) (FB) (RNP 0.40)		178.98 / 8.69				3300							
CIGNI		WUNDU (TF) (FB) (RNP 0.30)		200.28 / 3.64				2200							
WUNDU		JOGUP (TF) (FB) (RNP 0.30)		200.20 / 1.70				1700							
ROAAD (IAF)		JUSIV (TF) (FB) (RNP 1.00)		336.01 / 3.89				5000							
(SEE FORM 8260-10)															
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WUNDU 3. FAC: <u>200.16</u> FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: <b>WUNDU 2200, JOGUP 1700</b> 5. DIST TO THLD FROM OM: <u>3.78</u> MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: <u>1700</u> GS ALT AT: <b>JOGUP 1700</b> OM: _____ MM: _____ IM: _____ 7. GS ANGLE: <u>3.00</u> TCH: <u>55.8</u> # <u>34:1</u> IS CLEAR 8. MSA FROM: <b>RW20R 4500</b>															
										MAG VAR: 18E			EPOCH YEAR: 2020		
<b>MINIMUMS</b>															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		<b>STANDARD</b>					
CATEGORY =====>		A		B		C		D		E					
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
<b>AUTHORIZATION REQUIRED</b>															
RNP 0.10 DA	763	3000	324	763	3000	324	763	3000	324	763	3000	324			
RNP 0.30 DA	922	6000	483	922	6000	483	922	6000	483	922	6000	483			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C (0F) OR ABOVE 54C (130F). 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: RF AND GPS REQUIRED. (CONTINUED ON PAGE 2)															
CITY AND STATE		ELEVATION: 439 TDZE: 439				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:			
FAIRBANKS, AK		AIRPORT NAME: FAIRBANKS INTL						RNAV (RNP) Z RWY 20R, AMDT 1				AMDT: ORIG-A			
												DATED 11/13/2014			



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE <div>ROUTINE</div>	
COORDINATED WITH: <div><div>ATA<div><input checked="" type="checkbox"/></div></div><div>AAT<div><input type="checkbox"/></div></div><div>ALPA<div><input checked="" type="checkbox"/></div></div><div>APA<div><input checked="" type="checkbox"/></div></div><div>AOPA<div><input checked="" type="checkbox"/></div></div><div>NBAA<div><input checked="" type="checkbox"/></div></div><div>OTHER (specify)<div>ZAN, FAI APP CON, FAI ATCT, AMGR, AK AERO</div></div></div>					
FLIGHT CHECKED BY					
NAME:			FIFO	DATE:	
DEVELOPED BY					
NAME: <div><div>Digitally signed by HEIDI SNIDER Mar 16, 2017</div><div>HEIDI SNIDER</div></div>			FIFO AJV-5423	DATE: 03/01/2017	
APPROVED BY					
NAME: <div><div>JULIE A. MORGAN</div><div>MANAGER</div></div>			FIFO AJV-5420	DATE:	
CHANGES: <div>1. AIRPORT MAGVAR CHANGED FROM 21 EAST TO 18 EAST; UPDATED ALL COURSES. 2. REMOVED FEEDER SEGMENT GLOWS AND ALL ASSOCIATED NOTES. 3. REMOVED FEEDER SEGMENT RDNRR AND ALL ASSOCIATED NOTES. 4. UPDATED TERMINAL ROUTES TRPLN TO CIGNI, RNP VALUE FROM 0.50 TO 0.40. 5. UPDATED TERMINAL ROUTES CIGNI TO WUNDU, RNP VALUE FROM 0.50 TO 0.30. 6. UPDATED TERMINAL ROUTES WUNDU TO JOGUP, RNP VALUE FROM 0.50 TO 0.30. 7. UPDATED TERMINAL ROUTES JUSIV TO IMHID, DISTANCE FROM 3.50 TO 3.46. 8. UPDATED TERMINAL ROUTES IMHID TO OMPUE, DISTANCE FROM 4.75 TO 4.98; ALTITUDE FROM 2800 TO 2700. 9. UPDATED TERMINAL ROUTES OMPUE TO WUNDU, RADIUS FROM 2.35NM TO 2.40NM, DISTANCE 1.93 TO 1.82. 10. UPDATED TERMINAL ROUTES MINRR TO YIPUT, ALTITUDE FROM 4900 TO 5000. 11. UPDATED TERMINAL ROUTES YIPUT TO WAKUK; COURSE FROM 22.26 TO 26.07, DISTANCE FROM 2.5NM TO 2.53NM; ALTITUDE FROM 4200 TO 4900. 12. UPDATED TERMINAL ROUTES WAKUK TO IMHID; DISTANCE FROM 2.48 TO 2.46. 13. UPDATED TERMINAL ROUTES JOGUP TO RW20R (MAP); DISTANCE FROM 3.79 TO 3.78. 14. UPDATED TERMINAL ROUTES RW20R (MAP) TO BOSGE, COURSE/DISTANCE FROM 197.08/6.67 TO 200.11/6.68. (SEE FORM 8260-10)</div>					
REASONS: <div>1. AIRPORT MAGVAR UPDATE. 2-3. NO LONGER REQUIRED, STAR ENTRY. 4, 10. IFP CHECKLIST/EMAIL COORDINATION. 5-6. TO AVOID HIGH TERRAIN WITH RNP 0.50. 7-9, 11, 12, 14-16, 31. SEGMENT RECALCULATION BASED ON MOVEMENT OF FIXES AKIKE, BOSGE, IMHID, OMPUE AND WAKUK PER ATC/LEAD CARRIER REQUEST. 8. DESCENT GRADIENT. 13. JOGUP MOVED 5 FFT DUE TO CHANGE IN PROCEDURE TCH FROM 55.5 TO 55.76 TO MATCH FAI ILS. 17, 20. UPDATED AIRPORT SURVEY 9/13/12; NEW CONTROLLING OBSTACLES. 18. IAW .58 DOES NOT ACHIEVE 50 FT REDUCTION OR 1/4 SM IN VIS. 19, 22, 29. RECALCULATED PER VISCHECK VALUE. 21. BASED ON WEATHER HISTORY VALUES DERIVED FROM AFS 400 TEMPERATURE CALCULATOR. 23-26, 30. IAW .19G 4-6-10(J) PER AIR CARRIER/ATC REQUEST/IFP CHECKLIST. 27. IAW 8260.19G PARA 4-6-10(I), PLACE RNP VALUE FOR LESS THAN STANDARD RNP FROM THE IAF (OR IF) TO THE PFAF. 28. TO MATCH HOLDING COURSE DOCUMENTED ON 8260-2. (SEE FORM 8260-10)</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION				Bearings, headings, courses, 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 in feet RVR.	
RNAV (RNP) - STANDARD, INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33					
TERMINAL ROUTES, (CONT.):					
FROM		TO	COURSE AND DISTANCE	ALTITUDE	
JUSIV (IF)	IMHID (TF) (FB) (RNP 0.50)		339.09 / 3.46	4200	
IMHID	OMPUE (RF) (FB) (RNP 0.50)		(3.00 NM RADIUS CCW (CFFWT))/4.98	2700	
OMPUE	WUNDU (RF) (FB) (RNP 0.50)		(2.40 NM RADIUS CCW (CFFWS))/1.82	2200	
MINRR (IAF)	YIPUT (TF) (FB) (RNP 0.70)		025.19 / 1.80	5000	
YIPUT (IF)	WAKUK (TF) (FB) (RNP 0.50)		026.07 / 2.53	4900	
WAKUK	IMHID (RF) (FB) (RNP 0.50)		(3.00 NM RADIUS CCW (CFFWT))/2.46	4200	
JOGUP (FAF)	RW20R (MAP) (TF) (FO) (RNP 0.30)		200.16 / 3.78		
RW20R (MAP)	BOSGE (TF) (FB) (RNP 1.00)		200.11 / 6.68		
BOSGE	AKIKE (RF) (FB) (RNP 1.00)		(5.00 NM RADIUS CCW (CFFWV)) / 14.87		
AKIKE	KRNKL (TF) (FO) (RNP 1.00)		029.77 / 3.69	4000	
NOTES, (CONT.):					
CHART NOTE: FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 5000.					
CHART SPEED ICON IN PLANVIEW AT ROAAD: MAX 210 KIAS.					
CHART SPEED ICON IN PLANVIEW AT MINRR: MAX 210 KIAS.					
CHART PLANVIEW NOTE AT WAKUK: MAX 180 KIAS UNTIL WUNDU.					
CHART PLANVIEW NOTE AT IMHID: MAX 180 KIAS UNTIL WUNDU.					
CHART PLANVIEW NOTE AT MUSHR: (RNP 0.30)					
CHART PLANVIEW NOTE AT MINRR: (RNP 0.30)					
CHART PLANVIEW NOTE AT ROAAD: (RNP 0.30)					
CITY AND STATE		ELEVATION: 439	TDZE: 439	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
FAIRBANKS, AK		AIRPORT NAME:		RNAV	RNAV (RNP) Z RWY 20R, AMDT 1
		FAIRBANKS INTL			
					SUP:
					AMDT: ORIG-A
					DATED: 11/13/2014



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>
NBAA <div><input type="checkbox"/></div>		OTHER (specify) <div><input type="checkbox"/></div>			
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES: CHANGES CONT. 15. UPDATED TERMINAL ROUTES BOSGE TO AKIKE DISTANCE FROM 22.88 TO 14.87. 16. UPDATED TERMINAL ROUTES AKIKE TO KRNKL, COURSE/DISTANCE CHANGED FROM 026.93/3.65 TO 029.77/3.69. 17. UPDATED MINIMUMS RNP 0.10 DA/HAT ALL CATS FROM 724/285 TO 763/324. 18. REMOVED RNP 0.22 LINE OF MINIMA. 19. UPDATED MINIMUMS RNP 0.10 ALL CATS VISIBILITY FROM 2400 TO 3000. 20. UPDATED RNP 0.30 MINIMUMS DA/HAT ALL CATS FROM 924/485 TO 922/483. 21. UNCOMPENSATED BARO-VNAV MIN/MAX TEMP CHANGED FROM -16C (4F)/47C (116F) TO -18C (0F)/54C (130F). 22. UPDATED INOP NOTE FROM FOR INOP MALSR, INCREASE RNP 0.10 ALL CATS VISIBILITY TO 7/8 TO FOR INOPERATIVE ALS, INCREASE RNP 0.10 ALL CATS VISIBILITY TO RVR 5000. 23. ADDED CHART SPEED ICON IN PLANVIEW AT ROAAD: MAX 210 KIAS 24. ADDED CHART SPEED ICON IN PLANVIEW AT MINRR: MAX 210 KIAS 25. ADDED CHART PLANVIEW NOTE AT WAKUK: MAX 180 KIAS UNTIL WUNDU. 26. ADDED CHART PLANVIEW NOTE AT IMHID: MAX 180 KIAS UNTIL WUNDU. 27. ADDED CHART PLANVIEW NOTE AT MUSHR, MINRR AND ROAAD: (RNP 0.30).  (SEE FORM 8260-10)					
REASONS: REASONS CONT. 29. UPDATED EVALUATION BASED ON NEW CONTROLLING OBSTACLE. 32. HOLDING PATTERN AT KRNKL ENCOMPASSES THE DELTA 1 MOA. 33. TO MATCH FAI ILS TCH OF 55.76.  PDF EDIT: -3, TERMINAL ROUTES, REMOVED RNP 0.30 FROM JOGUP (FAF) TO RW20R (MAP) SEGMENT. -9, ADDED MISSED APPROACH SEGMENT DATA FOR ALL MA SEGMENTS/COLUMNS					

QUALITY  
20  
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV (RNP) - STANDARD,  
INSTRUMENT APPROACH PROCEDURE, - TITLE 14 CFR PART 97.33

Bearings, headings, courses, 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 in feet RVR.

QUALITY  
20  
CHECKED

CITY AND STATE

FAIRBANKS, AK

ELEVATION: 439

TDZE: 439

AIRPORT NAME:

FAIRBANKS INTL

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (RNP) Z RWY 20R, AMDT 1

SUP:

AMDT: ORIG-A

DATED: 11/13/2014

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
ATA <div><input type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input type="checkbox"/></div>		NBAA <div><input type="checkbox"/></div>	
OTHER (specify)		<div><input type="checkbox"/></div>		<div><input type="checkbox"/></div>	
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>28. ADDITIONAL FLIGHT DATA UPDATED HOLD COURSE FROM 287.00 INBOUND TO 289.67.</div> <div>29. ADDITIONAL FLIGHT DATA UPDATED DISTANCE FROM THLD FROM 285 HATH: 0.72 NM TO 324 HAT: 0.84 NM.</div> <div>30. ADDITIONAL FLIGHT DATA ADDED CHART BETWEEN 5000 AND 6500 AT MINRR AND CHART BETWEEN 5000 AND 6500 AT ROAAD.</div> <div>31. UPDATED MISSED APPROACH INSTRUCTION FROM "CLIMB TO 4000 ON TRACK 197.08 TO BOSGE THEN LEFT TURN TO AKIKE THEN ON TRACK 026.93 TO KRNL AND HOLD" TO "CLIMB TO 4000 ON TRACK 200.11 TO BOSGE THEN LEFT TURN TO AKIKE THEN ON TRACK 029.77 TO KRNL AND HOLD".</div> <div>32. ADDED CHART: DELTA 1 MOA</div> <div>33. LINE 7 CHANGED TCH FROM 55.5 TO 55.8.</div>					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD																	
PART - A OBSTRUCTION DATA																	
1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.			
INITIAL: RNP 1.00		MUSHR		TRPLN		1. AAO		650739.00N/1473654.00W		2533 (4E)	1000	PR180 AT1725 AC62		5500			
						2. TERRAIN		650742.00N/1473630.00W		2218 (2200)		AS1500		3700			
INTERMEDIATE: RNP 0.40		TRPLN		CIGNI		3. AAO		645956.06N/1473445.67W		2365 (2C)	500	PR80 AT335 AC20		3300			
						4. TERRAIN		645956.06N/1473445.67W		2165 (2200)		AS1000		3200			
INTERMEDIATE: STEPDOWN		CIGNI		WUNDU		5. AAO		645500.00N/1474054.00W		1605 (3D)	500	AC43		2200			
RNP 0.30						6. TERRAIN		645500.00N/1474054.00W		1405 (1400)		AS0		1400			
INTERMEDIATE: STEPDOWN		WUNDU		JOGUP		7. AAO		645409.00N/1474218.00W		949 (3D)	500	AC43 AT208		1700			
RNP 0.30						8. TERRAIN		645357.00N/1474412.00W		611 (600)		AS1000		1600			
INITIAL: RNP 1.00		ROAAD		JUSIV		9. TOWER (02-000437)		644829.10N/1472946.87W		832 (1A)	1000	AC3 AT3165		5000			
						10. TERRAIN		644521.00N/1472518.00W		512 (500)		AS1500		2000			
INTERMEDIATE: RNP 0.50		JUSIV		IMHID		11. TOWER (02-000585)		644947.80N/1472838.30W		732 (5E)	500	AC125 AT2843		4200			
						12. TERRAIN		645127.00N/1473312.00W		742 (700)		AS1500		2200			
INTERMEDIATE: STEPDOWN		IMHID		OMPUE		13. AAO		645512.00N/1473336.00W		1693 (3D)	500	AC43 AT464		2700			
RNP 0.50						14. TERRAIN		645512.00N/1473336.00W		1493 (1500)		AS1000		2500			
2. PROCEDURE TURN																	
3. MISSED APPROACH	MAP:		DA / DA		KRNL						ASC			4000			
							24. AAO		644621.00N/1480154.00W		1083 (4E)	1000	2100				
	ELEV:		517/591				25. TERRAIN		644621.00N/1480154.00W		883 (900)		AS1500	2400			
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.													
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL											
CATEGORY B		1.5 NM			450												
CATEGORY C		1.7 NM			450												
CATEGORY D		2.3 NM			550												
CATEGORY E		4.5 NM			550												
5. MINIMUM SAFE ALTITUDES											PRIMARY NAVAID: RW20R						
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST	ELEVATION (MSL)	M S A	
360-360		AAO		338/28.1		3399 (4E)		4500									
CITY AND STATE				ELEVATION: 439				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION	
FAIRBANKS, AK				AIRPORT NAME: FAIRBANKS INTL				RNAV				RNAV (RNP) Z RWY 20R, AMDT 1				AAL	

QUALITY  
20

CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:																					
1. COMMUNICATIONS WITH:					2. WEATHER SERVICE					3. ALTIMETER SETTING					VDP NOT ESTABLISHED - PROCEDURE IS VERTICALLY GUIDED.																
FAI APP CON ZAN ARTCC FAI TOWER							N W S		OTHER: ASOS					SOURCE:PAFA					THRESHOLD DISPLACED 750.												
							F A A							DISTANCE:																	
							A / C							HOURS REMOTE OPERATION:					0/YES					PRECIPITOUS TERRAIN EVALUATION COMPLETED.							
SATISFACTORY ON:																				CRITICAL TEMPERATURES: CRITICAL LOW :-18C (0F) CRITICAL HIGH :+54C (+130F) ACT :-18C APT ISA :+14.13C											
X		V H F		X		U H F				H F		LOCATION: PAFA					ADJUSTMENT: 0					CRITICAL TEMPERATURE REMARKS AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2011-2015). CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA. DESCENT RATE (FPM): STANDARD TEMP 960 HIGH TEMP 1120.									
4. MONITOR STATUS		PRIMARY NAVAID:																		FULL YEAR 2016 TEMP DATA NOT AVAILABLE IN NOAA (DEC MISSING).											
		MONITOR POINT:																		TERMINAL ROUTE TURN COMPUTATIONS:											
		HRS OPTN:		CAT 1																		TF TURN DATA:									
5. APPROACH & RUNWAY LIGHTING		X		ALSF-2 02L																		TURN FIX : TRPLN-CIGNI									
				(S) SALS																		ALT : 5500									
		X		MALSR 20R																		KIAS : 250									
		X		HIRL 02L, 20R																		KTAS : 278.6									
		X		MIRL 02R, 20L																		HAA : 5061									
		X		REIL 20L																		VKTW : 75									
		X		TDZ 02L																		TR : 5.61									
		X		C/L 02L, 20R																		BA : 18									
6. RUNWAY MARKINGS				OTHER (SPECIFY) PAPI-4L 02L, 02R, 20L, 20R																		DTA : 1.19									
																						COURSE CHANGE : 24.05									
																						DVEB :									
7. RUNWAY VISUAL RANGE				BASIC																		VEBOCS :									
				ALL WEATHER PIR-G 02L, 20R																		RF CENTER FIX/DISTANCE :									
				INSTRUMENT																		TF TURN DATA:									
8. GLIDE PATH				APPROACH 02L, 20R																		TURN FIX : CIGNI-WUNDU									
				MIDFIELD 02L, 20R																		ALT : 3300									
				ROLL OUT 02L, 20R																		KIAS : 250									
9. FINAL APPROACH COURSE AIMING				GP ANGLE: 3.00																		KTAS : 269.4									
				ELEV RWY THRESHOLD:438.9																		HAA : 2861									
				DISTANCE FROM RWY:																		VKTW : 50									
10. WAIVERS: NONE				ELEV GP ANTENNA:																		TR : 4.58									
				THRESHOLD CROSSING HEIGHT:55.8																		BA : 18									
																						DTA : 0.86									
PART D - PREPARED BY: HEIDI SNIDER				RUNWAY THRESHOLD FT. FROM THRESHOLD																		COURSE CHANGE : 21.39									
				ON CENTERLINE FT. FROM CENTERLINE																		DVEB :									
TITLE: AERONAUTICAL INFORMATION SPECIALIST																						VEBOCS :									
																						RF CENTER FIX/DISTANCE : (CFFWT)/4.98 NM									
OFFICE: AJV-5423																						RF TURN DATA:									
																						TURN FIX : OMPUE-WUNDU									
																						ALT : 2700									
																						KIAS : 180									
																						KTAS : 192.5									
																						HAA : 2261									
																						CONT.									





STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.																							
INTERMEDIATE: STEPDOWN		OMPUE		WUNDU		5. AAO		645500.00N/1474054.00W		1605 (3D)		500		AC43 AT52		2200																							
RNP 0.50						6. TERRAIN		645500.00N/1474054.00W		1405 (1400)				AS0		1400																							
INITIAL: RNP 0.70		MINRR		YIPUT		15. AAO		644600.00N/1473842.00W		689 (3D)		1000		AC43 AT3268		5000																							
						16. TERRAIN		644600.00N/1473842.00W		489 (500)				AS1500		2000																							
INTERMEDIATE: RNP 0.50		YIPUT		WAKUK		17. AAO		644939.00N/1473106.00W		814 (3D)		500		AC43 AT3543		4900																							
						18. TERRAIN		644939.00N/1473106.00W		614 (600)				AS1500		2100																							
INTERMEDIATE: STEPDOWN		WAKUK		IMHID		19. AAO		645127.00N/1473318.00W		949 (3D)		500		AC43 AT2708		4200																							
RNP 0.50						20. TERRAIN		645130.00N/1473318.00W		749 (700)				AS1500		2200																							
FINAL: RNP 0.10		JOGUP		RW20R		21. TREE (PFAIT000775)		645007.97N/1475006.98W		518 (1A)		21.96:1		AC3 MA44		763/324																							
FINAL: RNP 0.30		JOGUP		RW20R		22. TOWER (02-020190)		645017.41N/1474823.32W		579 (2C)		21.93:1		AC20 MA40		922/483																							
MISSED APPROACH (RNP 0.10 -1.00)		DA		RW20R (40:1)		23. TREE (PFAIT000809)		645004.12N/1474929.06W		517 (1A)		ASC																											
MISSED APPROACH (RNP 0.30 - 1.00)		DA		RW20R (40:1)		22. TOWER (02-020190)		645017.41N/1474823.32W		579 (2C)		ASC																											
3. MISSED APPROACH		MAP:																																					
		ELEV:																																					
4. CIRCLING AREA		DISTANCE				HT. ABV. ARPT.																																	
CATEGORY A		1.3 NM		REQUIRED		350		ACTUAL																															
CATEGORY B		1.5 NM				450																																	
CATEGORY C		1.7 NM				450																																	
CATEGORY D		2.3 NM				550																																	
CATEGORY E		4.5 NM				550																																	
5. MINIMUM SAFE ALTITUDES																		PRIMARY NAVAID:																					
SECTOR				OBSTRUCTION				BRG/DIST				ELEVATION (MSL)				M S A				SECTOR				OBSTRUCTION				BRG/DIST				ELEVATION (MSL)				M S A			
CITY AND STATE								ELEVATION: 439								FACILITY								PROCEDURE AND AMENDMENT NO:								REGION							
FAIRBANKS, AK								AIRPORT NAME:								RNAV								RNAV (RNP) Z RWY 20R, AMDT 1								AAL							
								FAIRBANKS INTL																															

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: <b>CONTINUED.</b>  VKTW : 50 TR : 2.4 BA : 19.61 DTA : COURSE CHANGE : DVEB : VEBOCS : RF CENTER FIX/DISTANCE : (CFFWS)/1.82 NM RF TURN DATA: TURN FIX : WAKUK-IMHID ALT : 4900 KIAS : 180 KTAS : 198.8 HAA : 4461 VKTW : 65 TR : 3 BA : 18.67 DTA : COURSE CHANGE : DVEB : VEBOCS : RF CENTER FIX/DISTANCE : (CFFWT)/2.46 NM  MISSED RF SEGMENT TURN COMPUTATIONS: TURN FIX: BOSGE-AKIKE ALT: 4000 KIAS: 265 KTAS: 288.6 HAA: 3561 VKTW: 60 TR: 5.0 BA: 19.51 RF CENTER FIX/DISTANCE : (CFFWT)/14.87 NM  VKTW USES STANDARD WIND VALUES.  AUTHORIZATION REQUIRED (AR). FAAO 8260.58 CRITERIA USED IPDS USED FOR ALL SEGMENTS. IAW 8260.58 VOL 4, PARA 4.0B, RNP MISSED APPROACH.  PAFA ASOS IS WMSCR / FULL-TIME. BACKUP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.  VEGETATION USED PER FPT: 60 FT.  VGSI DATA: 3.00/73.9  PROCEDURAL TCH 55.76 UTILIZED TO MATCH ILS RWY 20R PROCEDURE/FAI ILS TCH.  OBS #1, 5, 7, 13, 15, 17, 19, 24 AAO IPDS DERIVED ACCURACY.  VEB DATA NOT REQUIRED, INTERMEDIATE ROC EXCEEDS VEB ROC.  180 KIAS MAX USED IN INTERMEDIATE RF SEGMENTS (WAKUK-WUNDU, IMHID-WUNDU) TO MAINTAIN LESS THAN 25 DEGREE BANK ANGLE, PER LEAD CARRIER.  PROCEDURE FIXES MINRR AND ROAAD CONNECTED TO STARS. ALTITUDE AND SPEED RESTRICTION AT INITIAL FIXES MINRR AND ROAAD CHARTED TO MATCH STARS PER ATC/IFP CHECKLIST.  CONT.			
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING							
SATISFACTORY ON:				N W S	OTHER:		SOURCE:						
				F A A			DISTANCE:						
				A / C			HOURS REMOTE OPERATION:						
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:				
4. MONITOR STATUS	PRIMARY NAVAID:												
	MONITOR POINT:												
	HRS	CAT 1											
	OPTN:	CAT 3											
5. APPROACH & RUNWAY LIGHTING										ALS			
										(S) SALS			
										MALS			
										HIRL			
										MIRL			
										REIL			
										TDZ			
										C/LINE			
										OTHER (SPECIFY)			
6. RUNWAY MARKINGS		BASIC											
		ALL WEATHER											
		INSTRUMENT											
7. RUNWAY VISUAL RANGE		APPROACH											
		MIDFIELD											
		ROLL OUT											
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:							
		DISTANCE FROM RWY:				ELEV GP ANTENNA:							
						THRESHOLD CROSSING HEIGHT:							
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD					FT. FROM THRESHOLD				
				ON CENTERLINE					FT. FROM CENTERLINE				
10. WAIVERS:													
PART D - PREPARED BY:						DATE:							
TITLE:						OFFICE:							

QUALITY  
20  
CHECKED

## STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

## PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
MISSED APPROACH		RW20R	BOSGE				ASC		
(RNP 0.10 - 1.00)			(40:1)						
MISSED APPROACH		RW20R	BOSGE				ASC		
(RNP 0.30 - 1.00)			(40:1)						
MISSED APPROACH		BOSGE	AKIKE				ASC		
(RNP 0.10 - 1.00)			(40:1)						
MISSED APPROACH		BOSGE	AKIKE				ASC		
(RNP 0.30 - 1.00)			(40:1)						
MISSED APPROACH		AKIKE	KRNKL				ASC		
(RNP 0.10 - 1.00)			(40:1)						
MISSED APPROACH		AKIKE	KRNKL				ASC		
(RNP 0.30 - 1.00)			(40:1)						
3. MISSED APPROACH	MAP:								
	ELEV:								
4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL					
CATEGORY B	1.5 NM		450						
CATEGORY C	1.7 NM		450						
CATEGORY D	2.3 NM		550						
CATEGORY E	4.5 NM		550						
5. MINIMUM SAFE ALTITUDES				PRIMARY NAVAID:					
SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
CITY AND STATE		ELEVATION: 439		FACILITY		PROCEDURE AND AMENDMENT NO:		REGION	
FAIRBANKS, AK		AIRPORT NAME: FAIRBANKS INTL		RNAV		RNAV (RNP) Z RWY 20R, AMDT 1		AAL	

QUALITY  
20  
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: <b>CONTINUED.</b>  PROCEDURE ENTRY FIX MUSHR NOT CONNECTED TO ENROUTE STRUCTURE.  MULTIPLE INTERMEDIATE SEGMENTS REQUIRED BY ATC/LEAD CARRIER.  RNP 0.10: OCS SLOPE=21.96:1 ORIGIN=2460 FT RNP 0.30: OCS SLOPE=21.93:1 ORIGIN=3867 FT  SEE ATTACHED AIRSPACE LETTER  PAFA APP CONTROL CURRENTLY OWNS SURFACE TO 7000.		
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING					
SATISFACTORY ON:					N W S	OTHER:		SOURCE:				
					F A A			DISTANCE:				
					A / C			HOURS REMOTE OPERATION:				
	V H F		U H F		H F	LOCATION:			ADJUSTMENT:			
4. MONITOR STATUS		PRIMARY NAVAID:										
		MONITOR POINT:										
		HRS OPTN:	CAT 1									
			CAT 3									
5. APPROACH & RUNWAY LIGHTING			ALS									
			(S) SALS									
			MAL S									
			HIRL									
			MIRL									
			REIL									
			TDZ									
			C/LINE									
6. RUNWAY MARKINGS			BASIC									
			ALL WEATHER									
			INSTRUMENT									
7. RUNWAY VISUAL RANGE			APPROACH									
			MIDFIELD									
			ROLL OUT									
8. GLIDE PATH		GP ANGLE:				ELEV RWY THRESHOLD:						
		DISTANCE FROM RWY:				ELEV GP ANTENNA:						
						THRESHOLD CROSSING HEIGHT:						
9. FINAL APPROACH COURSE AIMING				RUNWAY THRESHOLD						FT. FROM THRESHOLD		
				ON CENTERLINE						FT. FROM CENTERLINE		
10. WAIVERS:												
PART D - PREPARED BY:							DATE:					
TITLE:							OFFICE:					

