

RNAV - STANDARD US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION						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.									
TERMINAL ROUTES																MISSED APPROACH									
FROM				TO				COURSE AND DISTANCE				ALTITUDE		LNAV: GEYED (DO NOT EXCEED 230 KIAS UNTIL COMPLETION OF CLIMBING RIGHT TURN) CLIMBING RIGHT TURN TO 9000 DIRECT ZOLOP AND ON TRACK 249.08 TO GESSE, CONTINUE CLIMB-IN-HOLD TO 9000. **MISSED APPROACH REQUIRES MINIMUM CLIMB OF 418 FEET PER NM TO 2400. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 039.98 INBOUND. CHART ARRIVAL HOLDING AT GESSE: HOLD SW, RT, 039.98 INBOUND, 9000. FAS OBST: 419 TREE 555419N/1591101W. CHART CIRCLING ICON. ECALI TO RW02: 3.43/28.0. CHART: CHIGNIK AWOS-3 FAC CROSSES RWY C/L EXTENDED 1500 FT FROM THLD. CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 8.37 DEGREES.											
GESSE (IAF)				WAREX (TF) (FB) (RNP 1.00)				039.98 / 20.84				4100													
WAREX (IF)				ECALI (TF) (FB) (RNP 1.00)				023.60 / 5.00				2600													
ECALI (FAF)				GEYED (MAP) (TF) (FO) (RNP 0.30)				031.58 / 6.76																	
GEYED (MAP)				430 MSL (CA)				031.58																	
430 MSL				ZOLOP (DF) (FB) (RNP 1.00)																					
ZOLOP				GESSE (TF) (FO) (RNP 1.00)				249.08 / 21.95				9000													
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT WAREX 3. FAC: 031.58 FAF: ECALI DIST FAF TO MAP: 6.76 THLD: 7.00 4. MIN. ALT: WAREX 4100, ECALI 2600 5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: _____ GS ALT AT: _____ OM: _____ MM: _____ IM: _____ 7. GS ANGLE: _____ TCH: 20:1 IS NOT CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: GEYED 9500																MAG VAR: 12E EPOCH YEAR: 2020									
MINIMUMS																									
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT																ALTERNATE: N A <input checked="" type="checkbox"/> X									
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										
LNAV MDA**	1360	1 1/4	1330	1360	1 1/2	1330	1360	3	1330	1360	3	1330													
LNAV MDA	2080	1 1/4	2050	2080	1 1/2	2050	2080	3	2050	2080	3	2050													
CIRCLING	2080	1 1/4	2050	2080	1 1/2	2050	2160	3	2130	2840	3	2810													
NOTES: CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED. CHART NOTE: PROCEDURE NA AT NIGHT. CHART NOTE: USE CHIGNIK ALTIMETER SETTING; WHEN NOT RECEIVED, USE SAND POINT ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET. PBN REQUIREMENTS NOTE: RNP APCH.																									
CITY AND STATE PERRYVILLE, AK				ELEVATION: 30 TDZE: 30 AIRPORT NAME: PERRYVILLE				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1				SUP:									
																AMDT: ORIG-B									
																DATED 07/02/2009									



ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE ROUTINE
COORDINATED WITH: <div style="display: flex; justify-content: space-between;"> <div style="width: 15%;">A4A <input type="checkbox"/></div> <div style="width: 15%;">ALPA <input checked="" type="checkbox"/></div> <div style="width: 15%;">AOPA <input checked="" type="checkbox"/></div> <div style="width: 15%;">APA <input type="checkbox"/></div> <div style="width: 15%;">HAI <input type="checkbox"/></div> <div style="width: 15%;">NBAA <input checked="" type="checkbox"/></div> <div style="width: 15%;">OTHER (specify) <input checked="" type="checkbox"/> <u>ZAN, APT MGR, ALASKA DOT</u></div> </div>		
FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY <i>Digitally signed by</i>		
NAME:	FIFO	DATE:
JOHN THORNTON	JOHN R THORNTON Jun 19, 2018	AJV-5421 04/25/2018
APPROVED BY		
NAME:	FIFO	DATE:
JULIE A. MORGAN	MANAGER AJV-5420	
CHANGES: <ol style="list-style-type: none"> 1. DELETED TERMINAL ROUTES FROM FEVBO TO ROXOE, FROM GESSE TO ROXOE, AND FROM ROXOE TO WAREX, AND ADDED TERMINAL ROUTES FROM GESSE (IAF) TO WAREX, FROM ECALI (FAF) TO GEYED (MAP), AND FROM GEYED (MAP) TO 430 MSL (CA). 2. TERMINAL ROUTES: CHANGED WAREX TO ECALI COURSE FROM 020.46 TO 023.60 AND CHANGED ALTITUDE FROM 2700 TO 2600. 3. TERMINAL ROUTES: ADDED FROM 430 MSL TO ZOLOP AND FROM ZOLOP TO GESSE. 4. CHANGED MISSED APPROACH FROM "CLIMBING RIGHT TURN TO 7000 DIRECT ROXOE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000" TO "(DO NOT EXCEED 230 KIAS UNTIL COMPLETION OF CLIMBING RIGHT TURN) CLIMBING RIGHT TURN TO 9000 DIRECT ZOLOP AND ON TRACK 249.08 TO GESSE, CONTINUE CLIMB-IN-HOLD TO 9000. **MISSED APPROACH REQUIRES MINIMUM CLIMB OF 418 FEET PER NM TO 2400". 5. PROFILE LINE 2 CHANGED FROM HOLDING AT FIX ROXOE TO "PROFILE STARTS AT WAREX". 6. PROFILE LINE 3 FAC CHANGED FROM 028.28 TO 031.28 AND DIST FAF TO MAP CHANGED FROM 6.70 TO 6.76. 7. PROFILE LINE 4 CHANGED FROM "ROXOE 7000, WAREX 4200, ECALI 2700" TO "WAREX 4100, ECALI 2600". 8. PROFILE LINE 7 ADDED "34:1 IS NOT CLEAR" AND "20:1 IS NOT CLEAR". 9. DELETED "DME/DME RNP-0.3 NA" AND ADDED "PBN EQUIPMENT REQUIREMENTS NOTE: RNP APCH". 10. DELETED PROFILE NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT". 11. CHANGED ALTIMETER NOTE FROM "IF LOCAL ALTIMETER SETTING NOT RECEIVED, EXCEPT FOR OPERATORS WITH APPROVED WEATHER REPORTING SERVICE USE CHIGNIK (SEE FORM 8260-10) 		
REASONS: <ol style="list-style-type: none"> 1. PROCEDURE REDESIGNED TO CLEAR FDC NOTAM 8/9883 AND SIMPLIFY/AID BETTER COMMUNICATIONS IN CONJUNCTION WITH AIRPORT MAG VAR CHANGE FROM 15E/2005 TO 12E/2020. 2. AIRPORT MAG VAR CHANGE FROM 15E/2005 TO 12E/2020 AND ALTITUDE LOWERED FOR DESCENT GRADIENT. 3. MISSED APPROACH SEGMENTS REQUIRED TO BE DOCUMENTED IN TERMINAL ROUTES. 4. MISSED APPROACH OBSTACLE EVALUATION AREA EXPANDED DUE TO ADDITION OF CAT C/D; DUE TO MOUNTAINS NORTH AND NORTHEAST OF THE AIRPORT, LNAV MDA'S PUBLISHED WITH AND WITHOUT A CLIMB GRADIENT; AIRSPEED RESTRICTION ENABLES LOWER MDA WITH TURN TO AVOID OBSTACLES WHICH WOULD REQUIRE A HIGHER MDA. 5. FIX ROXOE REMOVED FROM PROCEDURE. 6. AIRPORT MAG VAR CHANGE FROM 15E/2005 TO 12E/2020 AND MAP MOVED TO 1500 FT. FROM RWY 2 THRESHOLD ALONG EXTENDED RUNWAY CENTERLINE. 7. PROCEDURE REDESIGNED TO ALLOW COMMUNICATIONS AT 9000 FT AND ALTITUDES LOWERED FOR DESCENT GRADIENT. 8. THERE IS NO SURVEY AND VISUAL SURFACE PENETRATIONS ARE ASSUMED TO BE PRESENT. 9. IAW 8260.19H 8-6-8. 10. PROCEDURE DESIGN IS NOW COINCIDENT. 11. PRIMARY/SECONDARY ALTIMETER SOURCES CHANGED. 12. NO SURVEY AND 20:1 VISUAL SURFACE PENETRATIONS ARE ASSUMED. 13. VDP NOT AUTHORIZED DUE TO PRIMARY REMOTE ALTIMETER SOURCE AND 20:1 VISUAL SURFACE PENETRATIONS ARE ASSUMED DUE TO NO SURVEY. (SEE FORM 8260-10) 		

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QUALITY
20
CHECKED

CITY AND STATE
PERRYVILLE, AK

ELEVATION: 30 TDZE: 30
AIRPORT NAME:
PERRYVILLE

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 2, AMDT 1

SUP:
AMDT: ORIG-B
DATED: 07/02/2009

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE		
COORDINATED WITH:						
A4A	ALPA	APA	AOPA	HAI	NBAA	OTHER (specify)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FLIGHT CHECKED BY						
NAME:				FIFO	DATE:	
DEVELOPED BY						
NAME:				FIFO	DATE:	
APPROVED BY						
NAME:				FIFO	DATE:	
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET" TO "USE CHIGNIK ALTIMETER SETTING; WHEN NOT RECEIVED, USE SAND POINT ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET".</div> <div>12. ADDED NOTE "RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED".</div> <div>13. ADDITIONAL FLIGHT DATA: DELETED VDP.</div> <div>14. ADDITIONAL FLIGHT DATA: CHANGED FAS OBST FROM 449 TREE 555419N/1591100W TO 419 TREE 555419N/1591101W.</div> <div>15. ADDITIONAL FLIGHT DATA: CHANGED FROM "ECALI TO RW02: 3.54/45" TO "ECALI TO RW02: 3.43/28.0".</div> <div>16. ADDITIONAL FLIGHT DATA: ADDED "FAC CROSSES RWY C/L EXTENDED 1500 FT FROM THLD" AND "CHART PLANVIEW NOTE: FINAL APPROACH COURSE OFFSET 8.37 DEGREES".</div> <div>17. ADDITIONAL FLIGHT DATA: ADDED "CHART CIRCLING ICON".</div> <div>18. ADDITIONAL FLIGHT DATA: ADDED "CHART ARRIVAL HOLDING AT GESSE: HOLD SW, RT, 039.98 INBOUND, 9000".</div> <div>19. ADDITIONAL FLIGHT DATA: ADDED "HOLD SW, RT, 039.98 INBOUND".</div> <div>20. MAG VAR / EPOCH YEAR CHANGED FROM 15E/2005 TO 12E/2020.</div> <div>(SEE FORM 8260-10)</div>						
<div>REASONS:</div> <div>REASONS CONT.</div> <div>14. CURRENT DATA/MAP STUDY.</div> <div>15. PFAF LOWERED FROM 2700 TO 2600.</div> <div>16. FAC OFFSET REQUIRES CROSSING AT LEAST 1500 FT. FROM THLD.</div> <div>17. NEW CIRCLING CRITERIA APPLIED.</div> <div>18. PER WFPT CHECKLIST, ARRIVAL HOLDING ADDED AT FIX GESSE.</div> <div>19. MISSED APPROACH HOLDING DOCUMENTATION REQUIRED.</div> <div>20. AIRPORT MAG VAR CHANGED TO MEET EPOCH YEAR 2020 FORECAST.</div> <div>21. NO LONGER AUTHORIZED.</div> <div>22. MINIMUMS ADDED WITH 418 FT/NM MISSED APPROACH CLIMB GRADIENT TO 2400 MSL TO ENABLE LOWER STRAIGHT-IN MINIMUMS.</div> <div>23. CURRENT OBSTACLE DATA/MAP STUDY AND CHANGE FROM PRIMARY LOCAL ALTIMETER TO PRIMARY REMOTE ALTIMETER.</div> <div>24. PER IFP REQUEST.</div> <div>25. APPLICATION OF NEW CIRCLING CRITERIA AND CURRENT OBSTACLE DATA/MAP STUDY.</div>						

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QUALITY
20
CHECKED

CITY AND STATE PERRYVILLE, AK	ELEVATION: 30 AIRPORT NAME: PERRYVILLE	TDZE: 30	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 2, AMDT 1	SUP:
					AMDT: ORIG-B
					DATED: 07/02/2009

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <div><input type="checkbox"/></div>	ALPA <div><input type="checkbox"/></div>	APA <div><input type="checkbox"/></div>	AOPA <div><input type="checkbox"/></div>	HAI <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:
<div>CHANGES:</div> <div>CHANGES CONT.</div> <div>21. ALTERNATE MINIMUMS DELETED AND CHANGED TO "NA".</div> <div>22. MINIMUMS: ADDED LNAV MDA** CATS A/B/C/D.</div> <div>23. MINIMUMS: LNAV CAT A/B MDA/HAT CHANGED FROM 1600/1570 TO 2080/2050.</div> <div>24. MINIMUMS: ADDED LNAV CAT C/D STRAIGHT-IN AND CIRCLING MINIMUMS.</div> <div>25. MINIMUMS: CIRCLING CAT A/B MDA/HAA RAISED FROM 1600/1570 TO 2080/2050.</div>					
REASONS:					



STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD		
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PART - A OBSTRUCTION DATA

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: VDP NOT ESTABLISHED - NO SURVEY/20:1 VISUAL SURFACE PENETRATIONS ASSUMED; REMOTE PRIMARY ALTIMETER SETTING SOURCE. PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.85NM CAT C: 2.91NM CAT D: 3.86NM SEE ATTACHED AIRSPACE LETTER. RASS PRESSURE PATTERNS THE SAME PAJC 18.30, PASD 20.60 RA = 84.3. 20 FT. VEGETATION PER FPT. WFPT CONFIRMED PASJ AND PASD PRESSURE PATTERNS ARE THE SAME. VISUAL PORTION OF FINAL EVALUATED IAW AFS-400 MEMORANDUM DATED 11/04/2014. GRAVEL RUNWAY; NO SURVEY. PER IFP REQUEST, CAT C/D ADDED. FURTHER COMMUNICATION WITH WFPT YIELDED THE EXPLANATION THAT THE ADDITION OF CAT C/D IS TO ENABLE HIGHER APPROACH SPEEDS WHEN ICING OCCURS. 25.49 DEGREE BANK ANGLE USED IN MISSED APPROACH SEGMENT UNTIL ZOLOP.	
1. COMMUNICATIONS WITH:			2. WEATHER SERVICE			3. ALTIMETER SETTING					
ZAN CENTER APP/DEP CON ENA FSS CDB FSS				N W S	OTHER: AWOS-3P		SOURCE:PAJC / PASD				
				F A A			DISTANCE: 35.95 / 58.43				
				A / C			HOURS REMOTE OPERATION: 24/YES / 24/YES				
SATISFACTORY ON:											
X	V H F	X	U H F		H F	LOCATION: PAJC			ADJUSTMENT: 85 / 136		
4. MONITOR STATUS	PRIMARY NAVAID:										
	MONITOR POINT:										
	HRS	CAT 1									
	OPTN:	CAT 3									
5. APPROACH & RUNWAY LIGHTING		ALS									
		(S) SALS									
		MALS									
		HIRL									
	X	MIRL 02 (PCL), 20 (PCL)									
	X	REIL 02 (PCL)									
		TDZ									
		C/LINE									
	X	OTHER (SPECIFY) PAPI-4L 02 (PCL)									
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 1500 FT. FROM THRESHOLD							
			X	ON CENTERLINE FT. FROM CENTERLINE							
10. WAIVERS: NONE											
PART D - PREPARED BY: JOHN THORNTON						DATE: 04/25/2018					
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5421					

