

<b>RNAV - STANDARD</b> <b>INSTRUMENT APPROACH PROCEDURE</b> <b>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>LNAV: RW08</b>  <b>CLIMB TO 600, THEN CLIMBING RIGHT TURN TO 7000 DIRECT NUTUW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000.</b>  <b>ADDITIONAL FLIGHT DATA:</b> HOLD SW, RT, 027.96 INBOUND. CHART FAS OBST: 329 TREE 594515N/1545612W. 550 AAO 594541N/1550201W 1050 AAO 594640N/1551339W CHART VDP AT 1.10 NM TO RW08. CHART CIRCLING ICON. RUJUV TO RW08: 3.00/35 CHART NAKNEK 2 MOA									
YEGUV (IAF)		BEEKS (NOPT) (TF) (FB) (RNP 1.00)			167.83 / 10.00			5000											
OTUWE (IAF)		BEEKS (NOPT) (TF) (FB) (RNP 1.00)			347.81 / 10.00			5000											
BEEKS (IF/IAF)		JIBUG (TF) (FB) (RNP 1.00)			077.82 / 8.30			3800											
JIBUG		RUJUV (TF) (FB) (RNP 1.00)			078.06 / 2.68			3100											
RUJUV (FAF)		FEBOD/3.68 NM TO RW08 (TF) (FB) (RNP 0.30)			078.13 / 5.34														
(SEE FORM 8260-10)																			
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. HOLD W BEEKS, RT, 077.82 INBOUND, 5000 FT. IN LIEU OF PT (IAF) 3. FAC: 078.13 FAF: RUJUV DIST FAF TO MAP: 9.02 THLD: 9.02 4. MIN. ALT: BEEKS 5000, JIBUG 3800, RUJUV 3100, FEBOD/3.68 NM TO RW08 1400 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 CLEAR 34:1 IS NOT CLEAR 8. MSA FROM: _____																MAG VAR: 14E		EPOCH YEAR: 2020	
<b>MINIMUMS</b>																			
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT								ALTERNATE: N A		STANDARD @									
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	580	1	388	580	1	388	580	1 1/8	388	580	1 1/8	388							
CIRCLING	740	1	548	740	1	548	800	1 3/4	608	1700	3	1508							
NOTES: CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA. CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. CHART NOTE: DME/DME RNP-0.3 NA.																			
CITY AND STATE		ELEVATION: 192 TDZE: 192			FACILITY IDENTIFIER: RNAV			PROCEDURE NO./AMDT NO./EFFECTIVE DATE:			SUP: RNAV (GPS) RWY 7								
ILIAMNA, AK		AIRPORT NAME: ILIAMNA						RNAV (GPS) RWY 8, AMDT 4			AMDT: 3								
											DATED 03/12/2009								



ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
ROUTINE					
COORDINATED WITH:					
ATA <div><input checked="" type="checkbox"/></div>		AAT <div><input type="checkbox"/></div>		ALPA <div><input checked="" type="checkbox"/></div>	
APA <div><input type="checkbox"/></div>		AOPA <div><input checked="" type="checkbox"/></div>		NBAA <div><input checked="" type="checkbox"/></div>	
OTHER (specify) <div>ZAN, ARPT MGR, ST. AV. DIR.</div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME: <div>STEVEN OWNBEY</div>				FIFO AJV-5433	DATE: 11/17/2017
APPROVED BY					
NAME: <div>PATRICK J. MULQUEEN</div>				FIFO AJV-5430	DATE:
CHANGES:					
<div>1. UPDATED ALL MAG HEADINGS DUE TO MAG VAR CHANGE FROM 17E/10 TO 14E/20</div> <div>2. REPLACED INITIAL WUVAB WITH YEGUV AND MOVED IT 5 NM NORTH</div> <div>3. REPLACED INITIAL WUTIX WITH OTUWE AND MOVED IT 5 NM SOUTH</div> <div>4. CHANGED ALTERNATE MINIMUMS FROM STANDARD TO CAT D 1600-3</div> <div>5. CHANGED CIRCLING TO NEW MINIMUMS FROM CAT A/B 680, CAT C 700, CAT D 780 TO CAT A/B 740, CAT C 800, CAT D 1700 ADDED CIRLCING ICON</div> <div>6. ADDED VDP AT 1.10 NM TO RW 08</div> <div>7. CHANGED LNAV MDA/HAT FROM 680/488 TO 580/388 ALL CATS</div> <div>8. CHANGED MISED APPROACH INTRUCTIONS FROM CLIMBING RIGHT TURN TO 7000 DIRECT NUTUW AND HOLD, CONTINUE CLIMB-IN-HOLD 7000 TO CLIMB TO 600, THEN CLIMBING RIGHT TURN TO 7000 DIRECT NUTUW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7000</div> <div>9. PROCEDURE NAME CHANGED FROM RNAV (GPS) RWY 7 TO RNAV (GPS) RWY 8</div> <div>10. UPDATED FIX FEBOD COORDINATES, FIX MOVED 108 FT EAST</div> <div>11. UPDATED FIX RUJUV COORDINATES, FIX MOVED 123 FT EAST</div> <div>12. ADDED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, PROCEDURE NA</div> <div>13. CHANGED NOTE FROM CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA TO CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT (SEE FORM 8260-10)</div>					
REASONS:					
<div>1. AIRNAV DATA CHANGED PER FPT AND AIRPORT MANAGER</div> <div>2/3. FIX MOVED TO MEET CURRENT CRITERIA</div> <div>4. ADDED PER CURRENT CRITERIA</div> <div>5. BRING TO CURRENT CRITERIA</div> <div>6. NO 20:1 OBSTACLES IN CAT A/B VISUAL AREAS</div> <div>7. BASED ON OBSTACLES EVALUATED</div> <div>8. TO COMPLY WITH CURRENT CRITERIA</div> <div>9. MAG VAR CHANGE FROM 17E/2010 TO 14E/2020</div> <div>10/11. TO MAINTAIN A 3 DEG DESCENT ANGLE</div> <div>12. SUITABLE BACK-UP ALTIMETER SOURCE NOT AVAILABLE</div> <div>13. 34:1 OBSTACLES IN CAT A/B VISUAL AREA</div> <div>14. NO CURRENT 20:1 PENETRATIONS</div>					



US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
RNAV - 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.

TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FEBOD/3.68 NM TO RW08	RW08 (MAP) (TF) (FO) (RNP 0.30)	078.13 / 3.68	
RW08 (MAP)	600 MSL (CA)	078.13	600
600 MSL	NUTUW (DF) (FO) (RNP 1.00)		7000

TAA

	FROM	TO	ALT
1.	348/30 CW 168/30 (NOPT)	BEEKS (IF/IAF) (FB)	5000
2.	168/30 CW 258/30	YEGUV (IAF) (FB)	6000
3.	258/30 CW 348/30	OTUWE (IAF) (FB)	5200

QUALITY  
10  
CHECKED

CITY AND STATE  
ILIAMNA, AK

ELEVATION: 192 TDZE: 192  
AIRPORT NAME:  
ILIAMNA

FACILITY  
IDENTIFIER:  
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 8, AMDT 4

SUP: RNAV (GPS) RWY 7  
AMDT: 3  
DATED: 03/12/2009

ALL AFFECTED PROCEDURES REVIEWED? <div><input type="checkbox"/> YES</div> <div><input type="checkbox"/> NO</div>		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH: <div><div>ATA<div></div></div><div>AAT<div></div></div><div>ALPA<div></div></div><div>APA<div></div></div><div>AOPA<div></div></div><div>NBAA<div></div></div><div>OTHER (specify)<div></div></div></div>					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
<div>CHANGES: CHANGES CONT. AUTHORIZED 14. ADDED 20:1 IS CLEAR TO LINE 7</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.						
STRAIGHT-IN AREA		348/30 CW 168/30		BEEKS		1. AAO		595036.00N/1552942.00W		2743 (4E)	2000	AT257	5000						
						2. TERRAIN		595036.00N/1552942.00W		2543 (2500)		AS1500	4000						
LEFT BASE AREA		168/30 CW 258/30		YEGUV		3. AAO		601821.20N/1544921.90W		3935 (6A)	2000		6000						
						4. TERRAIN		601821.20N/1544921.90W		3735 (3700)		AS1500	5200						
RIGHT BASE AREA		258/30 CW 348/30		OTUWE		5. AAO		591847.50N/1545344.00W		3136 (2A)	2000		5200						
						6. TERRAIN		591847.50N/1545344.00W		2936 (2900)		AS1500	4400						
INITIAL		YEGUV		BEEKS		1. AAO		595036.00N/1552942.00W		2743 (4E)	1000	AT1157 PR90	5000						
						2. TERRAIN		595036.00N/1552942.00W		2543 (2500)		AS1500	4000						
INITIAL		OTUWE		BEEKS		7. AAO		594336.00N/1552806.00W		1552 (4E)	1000	AT2448	5000						
						8. TERRAIN		594336.00N/1552806.00W		1352 (1400)		AS1500	2900						
INTERMEDIATE		BEEKS (IF/IAF)		JIBUG		9. AAO		594639.00N/1552418.00W		2533 (4E)	500	AC98 PR80	3300						
						10. TERRAIN		594639.00N/1552418.00W		2333 (2300)		AS1500	3800						
INTERMEDIATE:		JIBUG		RUJUV		11. AAO		594554.00N/1552030.00W		1916 (4E)	500	AC98 AT506 PR80	3100						
STEPDOWN						12. TERRAIN		594403.00N/1551718.00W		1195 (1200)		AS1500	2700						
2. HOLD-IN-LIEU-OF-PT		BEEKS		P-9		15. AAO		594657.00N/1552542.00W		2297 (4E)	1000	AT1703	5000						
						16. TERRAIN		594657.00N/1552542.00W		2097 (2100)		AS1500	3600						
3. MISSED APPROACH	MAP:		RW08		NUTUW						ASC		7000						
							17. AAO		594258.28N/1550322.29W		440 (2C)	1000	1500						
	ELEV:		480				18. TERRAIN		594258.28N/1550322.29W		240 (200)		AS1500	1700					
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	548	19. TREE		594654.97N/1545531.32W		429 (2C)	300		740				
CATEGORY B		1.5 NM			450		548	20. TREE		594706.00N/1545254.00W		437 (2C)	300		740				
CATEGORY C		1.7 NM			450		608	21. TREE		594815.00N/1545506.00W		481 (2C)	300		800				
CATEGORY D		2.3 NM			550		1508	22. AAO		594841.49N/1545910.26W		1400 (2C)	300		1700				
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	
																		QUALITY 10	
CITY AND STATE				ELEVATION: 192				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION			
ILIAMNA, AK				AIRPORT NAME: ILIAMNA				RNAV				RNAV (GPS) RWY 8, AMDT 4				AAL			

PART B - SUPPLEMENTAL DATA										
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE			3. ALTIMETER SETTING			
ILIAMNA FSS ZAN ARTCC					N W S	OTHER: ASOS		SOURCE: PAIL		
					F A A			DISTANCE:		
					A / C			HOURS REMOTE OPERATION: 0/YES		
SATISFACTORY ON:										
X	V H F	X	U H F		H F	LOCATION: PAIL			ADJUSTMENT: 0	
4. MONITOR STATUS		PRIMARY NAVAID:								
		MONITOR POINT:								
		HRS OPTN:	CAT 1							
			CAT 3							
5. APPROACH & RUNWAY LIGHTING			ALS							
			(S) SALS							
			MAL S							
			HIRL							
		X	MIRL 08 (PCL), 18 (PCL), 26 (PCL), 36 (PCL)							
		X	REIL 26 (PCL), 36 (PCL)							
			TDZ							
			C/LINE							
		X	OTHER (SPECIFY) PAPI-4L 08 (PCL), 18 (PCL), 26 (PCL), 36 (PCL)							
6. RUNWAY MARKINGS		BASIC								
		ALL WEATHER								
		INSTRUMENT NPI-F 08, 18, 26, 36								
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			X	RUNWAY THRESHOLD					FT. FROM THRESHOLD	
			X	ON CENTERLINE					FT. FROM CENTERLINE	
10. WAIVERS: NONE										
PART D - PREPARED BY: STEVEN OWNBEY						DATE: 11/17/2017				
TITLE: AERONAUTICAL INFORMATION SPECIALIST						OFFICE: AJV-5433				

PART C - REMARKS:	
PRECIPITOUS TERRAIN EVALUATION COMPLETED.	
NO SUITABLE BACK-UP ALTIMETER.	
VGSI ANGLE: 3.00D/TCH: 35FT	
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.	
CAT A: 1.30NM	
CAT B: 1.81NM	
CAT C: 2.85NM	
CAT D: 3.76NM	
SEE ATTACHED AIRSPACE LETTER.	
80' VEGETATION HEIGHT USED PER ANC FPT.	
VISUAL PORTION OF FINAL PENETRATIONS:	
34:1	
224 TREE (02-241956) 594509.28N/1545545.70W (8.42)	
217 TREE (02-027504) 594509.71N/1545542.02W (6.91)	
240 TREE (02-242730) 594504.78N/1545558.22W (6.13)	
234 TREE (02-025042) 594504.43N/1545554.78W (5.35)	
235 TREE (02-025043) 594505.91N/1545555.55W (5.01)	
220 TREE (02-027506) 594508.17N/1545545.41W (5.00)	
226 TREE (02-025041) 594507.19N/1545551.09W (2.57)	
242 TREE (02-025045) 594503.78N/1545603.06W (0.97)	
ORDER 8260.3 CHAPTER 2 APPLIED TO:	
1050 AAO 594640N/1551339W	
550 AAO 594541N/1550201W	
NO LP MINIMUMS PER MANAGER AND DISCUSSION WITH FPT	
QUALITY 10 CHECKED	

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

[illegible]

PART B - SUPPLEMENTAL DATA										PART C - REMARKS:	
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								
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:	

