

ILS

**U.S. DEPARTMENT OF TRANSPORTATION --
FEDERAL AVIATION ADMINISTRATION -- FLIGHT STANDARDS SERVICE
SPECIAL INSTRUMENT APPROACH PROCEDURE -- FLIGHT STANDARDS SERVICE**

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.

When the instrument approach procedure of the above type is conducted at the below named airport, it must be conducted in accordance with a charted instrument approach procedure prodcated on the specifications contained herein and as specified on accompanying FAA 8260-7B (as amended). Minimum altitudes must correspond with those established for en route operation in the particular area or as set forth below. The information on this form is considered public and subject to disclosure under the Freedom of Information Act (FOIA).

SPECIFICATION - NOT FOR COCKPIT USE

TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	MAP: ILS: DA LOC: I-RHF 1.28 DME
SCC VOR/DME	BEPOW/I-RHF 5.94 DME	266.91 / 29.98	2000	CLIMB TO 2000 DIRECT DOHEB AND HOLD.
PVQ NDB	BEPOW/I-RHF 5.94 DME	264.26 / 29.67	2000	
FAMUN/SCC 39.00 DME CCW (IAF)	CELEX/I-RHF 15.63 DME (NOPT)	39.00 DME ARC (SCC LR-264)	2000	
CELEX/I-RHF 15.63 DME (IF)	BEPOW/I-RHF 5.94 DME	062.37 / 9.69 (I-RHF)	1600	

1. PT <u>R</u> SIDE OF COURSE <u>242.37</u> OUTBOUND <u>2000</u> FT WITHIN <u>10</u> MILES OF <u>BEPOW</u> (IAF)	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 242.36 INBOUND. CHART FAS OBST: 99 ANT 701941N/1493808W. CHART VDP AT 2.12 DME* DISTANCE VDP TO THLD 0.84 NM. *LOC ONLY. CHART SCC R-278 AT FAMUN. CHART IN PLANVIEW: SCC VOR/DME 30 DME AT BEPOW CHART CIRCLING ICON.
2. _____	
3. FAC: <u>062.37</u> FAF: <u>BEPOW/I-RHF 5.94 DME</u> DIST FAF TO MAP: _____ THLD: <u>4.67</u>	
4. MIN. ALT: <u>CELEX 2000, BEPOW 1600, GODVE/I-RHF 3.27 DME 740*</u>	
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: <u>1037</u>	
6. MIN GS INCPT: <u>1600</u> GS ALT AT: <u>BEPOW 1600</u> OM: _____ MM: _____ IM: _____	
7. GS ANGLE: <u>3.00</u> TCH: <u>46.4</u>	
8. MSA FROM: <u>ARP (PAKU) 1800</u>	

MINIMUMS

TAKEOFF: SEE FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	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
S-ILS 06	272	1800	200	272	1800	200	272	1800	200	272	1800	200			
S-LOC 06	380	2400	308	380	2400	308	380	2400	308	380	2400	308			
CIRCLING	600	1	525	600	1	525	600	1 1/2	525	640	2	565			

NOTES:
 CHART NOTE: ACTIVATE MALSR RWY 6, HIRLS RWY 6-24 - 122.8.
 CHART PROFILE NOTE: USE I-RHF DME WHEN ON THE LOCALIZER COURSE.
 CHART NOTE: USE OF UGNU-KUPARUK REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
 PBN REQUIREMENTS NOTE: RNAV 1-GPS REQUIRED.
 EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED.

CITY AND STATE KUPARUK, AK	ELEVATION: 75 TDZE: 72 AIRPORT NAME: UGNU-KUPARUK	FACILITY IDENTIFIER: I-RHF	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 6, AMDT 5	SUP: ILS OR LOC/DME RWY 6
				AMDT: 4
				DATED: 04/30/2015

QUALITY
35
CHECKED

ADDITIONAL FLIGHT DATA/NOTES CONTINUED:

SUBMITTED BY

NAME:

OFFICE

DATE:

FLIGHT CHECKED BY

NAME:

Digitally signed by

DION E LANCIA GREGORY RAYMOND BAUR

OFFICE

FICO

DATE:

02/13/2018

Mar 06, 2018

DEVELOPED BY

NAME:

CHRIS O'BRIEN

Digitally signed by

CHRISTOPHER P O'BRIEN

Mar 05, 2018

OFFICE

AJV-5432

DATE:

10/30/2017

RECOMMENDED BY

NAME:

PATRICK MULQUEEN

Digitally signed by

DION E LANCIA

MANAGER

OFFICE

AJV-5430

DATE:

Mar 06, 2018 APPROVED BY

DATE:

CHANGES:

1. PROCEDURE NAME CHANGED FROM ILS OR LOC/DME RWY 6 TO ILS OR LOC RWY 6.
2. TERMINAL ROUTE (SCC VOR/DME - BEPOW) CHANGED FROM 260.91/29.98 TO 266.91/29.98.
3. TERMINAL ROUTE (PVQ NDB - BEPOW) CHANGED FROM 258.25/29.67 TO 264.26/29.67.
4. LEAD RADIAL CHANGED FROM (SCC LR-258) TO (SCC LR-264).
5. ADDITIONAL FLT DATA NOTE "CHART SCC R-272 AT FAMUN" CHANGED TO "CHART SCC R-278 AT FAMUN".
6. FIX BEPOW/SCC 29.98 DME CHANGED TO BEPOW/I-RHF 5.94 DME.
7. PT COURSE OUTBOUND CHANGED FROM 236.37 TO 242.37.
8. FAC CHANGED FROM 056.37 TO 062.37.
9. CIRCLING CAT D MDA/HAA CHANGED FROM 600/525 TO 640/565.
10. ADDED "(RNAV 1-GPS REQUIRED)" TO MISSED APCH.
11. MSA BRG/DIST CHANGED FROM 185/28.7 TO 191/28.7.
12. CHARTED NOTE: DME AND GPS REQUIRED.

REASONS:

1. NAMING CONVENTION.
- 2, 4, 5. SCC VOR/DME MAGVAR UPDATED TO 2020 VALUE (OLD 20E/NEW 17E).
3. PVQ NDB MAGVAR UPDATED TO 2020 VALUE (OLD 20E/NEW 17E).
6. BEPOW IS DEFINED BY (I-RHF).
- 7, 8. (I-RHF) MAGVAR CHANGED FROM 22E/2010 TO 16E/2020.
9. MINIMUM HAA.
10. RNAV MISSED APCH.
11. PYC NDB MAGVAR UPDATED (OLD 22E/NEW 16E).
12. REMOVED DME FROM PROCEDURE NAME. DME REQUIRED FOR FIXES, GPS REQUIRED FOR MISSED APCH.

02/28/2018 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 10/30/2017

1. LINE 8, MSA FROM: CHANGED FROM "PYC NDB 1800" TO "ARP (PAKU) 1800"
2. ADDED "PBN REQUIREMENTS NOTE: RNAV 1-GPS REQUIRED."

(SEE FORM 8260-10)

QUALITY
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SPECIAL INSTRUMENT APPROACH PROCEDURE --
FLIGHT STANDARDS SERVICE

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QUALITY
35
CHECKED

CITY AND STATE

KUPARUK, AK

ELEVATION: 75

TDZE: 72

AIRPORT NAME:

UGNU-KUPARUK

FACILITY
IDENTIFIER:
I-RHFPROCEDURE NO./AMDT NO./EFFECTIVE DATE:
ILS OR LOC RWY 6, AMDT 5SUP: ILS OR LOC/DME
RWY 6

AMDT: 4

DATED: 04/30/2015

ALL AFFECTED PROCEDURES REVIEWED? <input type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE	
COORDINATED WITH:					
A4A <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOPA <input type="checkbox"/>	HAI <input type="checkbox"/>	NBAA <input type="checkbox"/>
OTHER (specify) <input type="checkbox"/> _____					
FLIGHT CHECKED BY					
NAME:				FIFO	DATE:
DEVELOPED BY					
NAME:				FIFO	DATE:
APPROVED BY					
NAME:				FIFO	DATE:
CHANGES:					
REASONS:					
REASONS CONT.					
3. REMOVED "(RNAV 1-GPS REQUIRED)" FROM MISSED APPROACH INSTRUCTIONS.					
4. REMOVED "CHART NOTE: DME AND GPS REQUIRED."					
5. ADDED "EQUIPMENT REQUIREMENTS NOTE: DME REQUIRED."					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT		FROM		TO		OBSTRUCTION		COORDINATES		ELEV. MSL		ROC		ALT. ADJUSTMENTS		MIN. ALT.			
FEEDER		SCC VOR/DME		BEPOW/I-RHF 5.94		1. AAO		701506.00N/1495100.00W		328 (4E)		1000		AT672		2000			
				DME		2. TERRAIN		701506.00N/1495100.00W		128 (100)				AS1500		1600			
FEEDER		PVQ NDB		BEPOW/I-RHF 5.94		3. AAO		701427.00N/1495127.00W		335 (4E)		1000		AT665		2000			
				DME		4. TERRAIN		701427.00N/1495127.00W		135 (100)				AS1500		1600			
INITIAL: ARC		FAMUN/SCC 39.00		CELEX/I-RHF		5. AAO		701757.96N/1500858.60W		349 (6E)		1000		AT651		2000			
		DME CCW		15.63 DME		6. TERRAIN		701757.96N/1500858.60W		149 (100)				AS1500		1600			
INTERMEDIATE		CELEX/I-RHF 15.63		BEPOW/I-RHF 5.94		5. AAO		701757.96N/1500858.60W		349 (6E)		500		AC98		1000			
		DME		DME		6. TERRAIN		701757.96N/1500858.60W		149 (100)						1600			
INTERMEDIATE: PT		10 NM		BEPOW/I-RHF 5.94		5. AAO		701757.96N/1500858.60W		349 (6E)		500		AC98		1000			
				DME		6. TERRAIN		701757.96N/1500858.60W		149 (100)						1600			
FINAL: ILS		BEPOW/I-RHF 5.94		RW06								ASC				272/200			
		DME																	
FINAL: LOC		BEPOW/I-RHF 5.94		GODVE/I-RHF 3.27		7. AAO		701824.00N/1495024.00W		289 (4E)		250				740			
		DME		DME															
2. PROCEDURE TURN		BEPOW		10 NM		8. AAO		701218.00N/1500009.00W		374 (4E)		1000		AT626		2000			
						9. TERRAIN		701218.00N/1500009.00W		174 (200)				AS1500		1700			
3. MISSED APPROACH	MAP:		DA / I-RHF 1.28		DOHEB						ASC				2000				
			DME				10. TWR (02-000442)		701930.07N/1493630.40W		289 (1A)		1000		1300				
	ELEV:		102/130				11. TERRAIN		702100.00N/1492942.00W		86 (100)				AS1500				
4. CIRCLING AREA		DISTANCE		HT. ABV. ARPT.															
CATEGORY A		1.3 NM		REQUIRED	350	ACTUAL	525	10. TWR (02-000442)	701930.07N/1493630.40W	289 (1A)	300		600						
CATEGORY B		1.5 NM			450		525	10. TWR (02-000442)	701930.07N/1493630.40W	289 (1A)	300		600						
CATEGORY C		1.7 NM			450		525	10. TWR (02-000442)	701930.07N/1493630.40W	289 (1A)	300		600						
CATEGORY D		2.3 NM			550		565	10. TWR (02-000442)	701930.07N/1493630.40W	289 (1A)	300	HAA	640						
CATEGORY E		4.5 NM			550														
5. MINIMUM SAFE ALTITUDES																			
PRIMARY NAVAD: PAKU																			
SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A		SECTOR		OBSTRUCTION		BRG/DIST		ELEVATION (MSL)		M S A	
360-360		AAO		191/28.7		722 (4E)		1800											
CITY AND STATE		ELEVATION: 75				FACILITY				PROCEDURE AND AMENDMENT NO:				REGION					
KUPARUK, AK		AIRPORT NAME: UGNU-KUPARUK				I-RHF				ILS OR LOC RWY 6, AMDT 5				AAL					

QUALITY
35
CHECKED

PART B - SUPPLEMENTAL DATA										PART C - REMARKS: PRECIPITOUS TERRAIN EVALUATION COMPLETED. ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED. CAT A: 1.30NM CAT B: 1.81NM CAT C: 2.84NM CAT D: 3.71NM NO ADDITIONAL AIRSPACE REQUIRED. 2: HOURS OF OPERATION: AS NEEDED 3: ALTIMETER SETTING SOURCE: PAKU DISTANCE: 0 HOURS REMOTE OPERATION: 0 ADJUSTMENT: 0 15 FT VEHICLE USED IN VICINITY OF AIRPORT; 200 AAO APPLIED IN OTHER AREAS. NO ALTERNATE ALTIMETER USED, AIRPORT IS MANNED 24/7 BY CONOCO/PHILLIPS WORKER. RW24 TRAVERSE WAY (02-254396) IS NOT A 20:1 PENETRATION. ALL ROADS ARE CONTROLLED BY SECURITY PERSONNEL WHO ARE ON DUTY ANYTIME THERE ARE FLYING OPERATIONS. ALL ROADS HAVE RAILROAD STYLE GATES AS WELL AS STOP LIGHTS. FAA ORDER 8260.3 CHANGE 26 PARA 3.9.2 USED FOR MISSED APPROACH USING CRITERIA. XP - RETAIN CURRENT MINIMA																			
1. COMMUNICATIONS WITH:				2. WEATHER SERVICE				3. ALTIMETER SETTING																					
ZAN ARTCC						N W S		OTHER: CTAF												SOURCE: PAKU									
						F A A														DISTANCE:									
						A / C														HOURS REMOTE OPERATION:									
SATISFACTORY ON:																													
X		V H F		X		U H F														H F		LOCATION: PAKU				ADJUSTMENT: 0			
4. MONITOR STATUS		PRIMARY NAVAID: I-RHF																											
		MONITOR POINT: ARCO																											
		HRS		CAT 1																									
OPTN:		CAT 3																											
5. APPROACH & RUNWAY LIGHTING				ALS																									
				(S) SALS																									
		X		MALSR 06 (PCL), 24 (PCL)																									
		X		HIRL 06 (PCL), 24 (PCL)																									
				MIRL																									
				REIL																									
		X		TDZ 06, 24																									
		X		C/L 06, 24																									
X		OTHER (SPECIFY) TAXI WAY 06, 24 PAPI-4L 06 (PCL), 24 (PCL)																											
6. RUNWAY MARKINGS		BASIC																											
		ALL WEATHER PIR-F 06, 24																											
		INSTRUMENT																											
7. RUNWAY VISUAL RANGE		APPROACH 06, 24																											
		MIDFIELD																											
		ROLL OUT 06, 24																											
8. GLIDE PATH		GP ANGLE: 3.00										ELEV RWY THRESHOLD: 67.0																	
		DISTANCE FROM RWY: 1037										ELEV GP ANTENNA: 59.0																	
		THRESHOLD CROSSING HEIGHT: 46.4																											
9. FINAL APPROACH COURSE AIMING				X		RUNWAY THRESHOLD														FT. FROM THRESHOLD									
				X		ON CENTERLINE														FT. FROM CENTERLINE									
10. WAIVERS: 1 ORDER 8260.3C, PARAGRAPH 3-3-2D; REDUCED VISIBILITY																													
PART D - PREPARED BY: CHRIS O'BRIEN										DATE: 10/30/2017																			
TITLE: AERONAUTICAL INFORMATION SPECIALIST										OFFICE: AJV-5432																			



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:	