

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) 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</u> ATQASUK EDWARD BURNELL SR MEMORIAL	<u>AIRPORT ID</u> PATQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> ATQASUK	<u>STATE</u> AK	
<u>AIRPORT ELEVATION</u> 101	<u>TDZE</u> 101	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 12/10/2015	<u>MAG VAR</u> 13E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 337/30 CW 157/30	NOPT	DUVFU	IF/IAF	3500
2. 157/30 CW 247/30		JUDGA	IAF	3500
3. 247/30 CW 337/30		OBOPE	IAF	3500

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JUDGA	IAF	DUVFU	NOPT	TF	FB	1.00	157.32	7.00	3500
OBOPE	IAF	DUVFU	NOPT	TF	FB	1.00	337.42	7.00	3500
DUVFU	IF/IAF	IRIQU		TF	FB	1.00	067.37	8.67	1700
IRIQU	FAF	RW07	MAP	TF	FO	0.30	067.77	4.93	
RW07	MAP	351 MSL		CA			067.77		
351 MSL		ENSUW		DF	FO	1.00			3500

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 DIRECT ENSUW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD SW DUVFU, RT, 067.37 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 067.77FAF: IRIQUDIST FAF TO MAP: 4.93DIST FAF TO THLD: 4.93

4. MIN ALT: DUVFU 3500, IRIQU 1700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.69GS ANT:

6. MIN GP INCPT: 1700GP ALT AT FAF : IRIQU 1700OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 30.1

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.16 NM TO RW07*
*LNAV ONLY
WAAS CHANNEL #93743
REFERENCE PATH ID: W07A
FAS OBST: 250 AAO 702748N/1573756W.
HOLD E, RT, 248.53 INBOUND
LTP HAE: 27.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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
LPV DA	351	1	250	351	1	250	351	1	250	351	1	250			
LNAV/VNAV DA	351	1	250	351	1	250	351	1	250	351	1	250			
LNAV MDA	500	1	399	500	1	399	500	1 1/8	399	500	1 1/8	399			
CIRCLING	500	1	399	560	1	459	560	1 1/2	459	700	2	599			



CHANGES - REASONS

1. INCORPORATED CHANGES MADE FROM AMDT 1A P-NOTAM. - TO MATCH CURRENTLY PUBLISHED PROCEDURE.
2. PROCEDURE NAME CHANGED FROM RNAV (GPS) RWY 6 TO RNAV (GPS) RWY 7. - MAGVAR UPDATED FROM 20E EPOCH YEAR 2005 TO 13E EPOCH YEAR 2020. RUNWAYS RE-NUMBERED.
3. CHANGED TAA STRAIGHT-IN SECTOR “330.37/30 CW 151.37/30” TO “337.36/30 CW 157.36/30”; AND ALTITUDE FROM 1900 TO 3500. - MAGVAR UPDATE/ATC REQUEST.
4. CHANGED TAA LEFT BASE SECTOR “151.37/30 CW 240.37/30” TO “157.36/30 CW 247.36/30”; AND ALTITUDE FROM 1900 TO 3500. - MAGVAR UPDATE/ATC REQUEST.
5. CHANGED TAA RIGHT BASE SECTOR “240.37/30 CW 330.37/30” TO “247.36/30 CW 337.36/30”; AND ALTITUDE FROM 1900 TO 3500. - MAGVAR UPDATE/ATC REQUEST.
6. CHANGED INITIAL “FIBAK-DUVFU COURSE/DISTANCE 150.75/5.00” TO “JUDGA-DUVFU COURSE/DISTANCE 157.32/7.00”; AND ALTITUDE FROM 1900 TO 3500. - MAGVAR UPDATE/ATC REQUEST, FIX MOVED MORE THAN 1 NM.
7. CHANGED INITIAL “NUYIR-DUVFU COURSE/DISTANCE 330.01/5.00” TO “OBOPE-DUVFU COURSE/DISTANCE 337.42/7.00”; AND ALTITUDE FROM 1900 TO 3500. - MAGVAR UPDATE/ATC REQUEST, FIX MOVED MORE THAN 1 NM.
8. CHANGED DUVFU HOLD-IN-LIEU COURSE INBOUND 060.37 TO 067.37; ALTITUDE FROM 1900 TO 3500, ADDED MAX 6000. - MAGVAR UPDATE/ATC REQUEST AND PER . 19H PARA 8-6-7B (2).
9. CHANGED INT-FAF DUVFU-IRIQU COURSE FROM 060.37 TO 067.37; DISTANCE FROM 8.72 TO 8.67. - MAGVAR UPDATE; FAF MOVED TO COINCIDE WITH PROCEDURE ANGLE.
10. CHANGED FAF-MAP COURSE FROM 060.77 TO 067.77; DISTANCE FROM 4.87 TO 4.93. - MAGVAR UPDATE; FAF MOVED TO COINCIDE WITH PROCEDURE ANGLE.
11. REMOVED 3.04 VDA AND ADDED 3.00 GPA. - LPV AND LNAV/VNAV MINIMUMS ADDED; GPA MUST BE 3.00 UNLESS FOR OBSTACLE CLEARANCE PER 8260.3D.
12. CHANGED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 1900 DIRECT ENSW AND HOLD” TO “CLIMB TO 3500 DIRECT ENSW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3500”. - CLIMB-IN-HOLD TO CLEARANCE LIMIT REQUIRED; 3500 BASED ON FC RESULTS AND ATC REQUEST.
13. REPLACED CHART NOTE “DME/DME RNP-0.3 NA” WITH “PBN REQUIREMENTS NOTE: RNP APCH”. - CHANGED PER NAVSPEC REQUIREMENT IAW 8260.19H PARA 8-6-8.
14. ADDED CHART NOTE “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23C OR ABOVE 54C”. - IAW 8260.19H PARA 8-6-9.S.
15. CHARTED CIRCLING ICON. - CIRCLING MEETS CHANGE 21 CIRCLING CRITERIA.
16. CHANGED “CHART VDP AT 0.92 MILES TO RW06” TO CHART VDP AT 1.16 MILES TO RW07”. - RECALCULATED FOR HIGHER MDA.
17. ADDED NOTE “*LNAV ONLY”. - LPV AND LNAV/VNAV ADDED TO PROCEDURE.
18. CHANGED CHART NOTE “IF LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARROW ALTIMETER SETTING AND INCREASE ALL MDAS 140 FEET” TO “WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARROW ALTIMETER SETTING: INCREASE DA TO 476 FEET; INCREASE ALL MDAS 140 FEET AND LNAV CATS C AND D VISIBILITY 3/8 SM, CIRCLING CAT D VISIBILITY 1/4 SM”; NOTE MOVED TO GENERAL REMARKS. - PATQ IS ON WMSCR, BACKUP ALTIMETER CHARTING NOT REQUIRED.
19. CHANGED CHART NOTE “VDP NA WHEN USING BARROW ALTIMETER SETTING” TO “BARO-VNAV AND VDP NA WHEN USING BARROW ALTIMETER SETTING”; NOTE MOVED TO GENERAL REMARKS. - PATQ IS ON WMSCR, BACKUP ALTIMETER CHARTING NOT REQUIRED.
20. ADDED LPV DA 351/HAT 250 AND VIS 1 SM FOR ALL CATS. - CAT D ADDED/ATC REQUEST.
21. ADDED LNAV/VNAV DA 351/HAT 250 AND VIS 1 SM FOR ALL CATS. - CAT D ADDED/ATC REQUEST.
22. CHANGED LNAV FROM MDA 420/HAT 319 TO MDA 500/HAT 399 FOR ALL CATS, AND CAT C VIS FROM 1 SM TO 1 1/8; ADDED CAT D VIS 1 1/8 SM. - NEW FINAL CONTROLLING OBSTACLE; CAT D ADDED/ATC REQUEST.
23. ADDED CIRCLING CAT D MDA 700/HAA 539 AND VIS 2 SM. - CAT D ADDED/ATC REQUEST.
24. ADDED LTP 702758.2500N-1572711.8240W, FPAP 702812.0800N-1572249.8335W, AND CRC REMAINDER 4DF3380D IN FAS DATA. - LPV ADDED TO PROCEDURE.
25. CHANGED PROCEDURE TCH FROM 30.0 TO 30.1. - TO MATCH VGSI TCH.

COORDINATED WITH:

~~A4A~~ ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, FAI FSS, AMGR

<u>FLIGHT CHECKED BY</u> EDWARD W MESA	<i>Digitally signed by</i> JOHN BORDY Oct 19, 2020	<u>OFFICE</u> FICO	<u>DATE</u> 10/12/2020	
<u>DEVELOPED BY</u> JASON KRETSCHMER	<i>Digitally signed by</i> JASON KRETSCHMER Jan 17, 2020	<u>OFFICE</u> AJV-A422	<u>DATE</u> 01/17/2020	
<u>APPROVED BY</u> MARLON ROBINSON	<i>Digitally signed by</i> JOHN BORDY Oct 19, 2020	<u>OFFICE</u> AJV-A420	<u>DATE</u>	<u>TITLE</u> MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PATQ
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	702758.2500N
LTP/FTP LONGITUDE	1572711.8240W
LTP/FTP ELLIPSOIDAL HEIGHT	+00276
FPAP LATITUDE	702812.0800N
FPAP LONGITUDE	1572249.8335W
THRESHOLD CROSSING HEIGHT (TCH)	00030.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1416
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4DF3380D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00307
FPAP ORTHOMETRIC HEIGHT	+00307



FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
ATQASUK EDWARD BURNELL SR MEMORIAL	PATQ	RNAV (GPS) RWY 7	2	ATQASUK	AK	101	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM 337/30 CW 157/30 TO DUVFU

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	695630.00N/1580824.00W	512	164	98	4E	1000				AT1988	3500
2.TERRAIN	695630.00N/1580824.00W	312 (300)								AS1500	1800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:

LEFT BASE AREA

FROM 157/30 CW 247/30 TO JUDGA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	704236.00N/1573703.00W	348	164	98	4E	1000				AT2152	3500
4.TERRAIN	704236.00N/1573703.00W	148 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
-----	------	------	-----	------	----	----	-----	---------------	------	---------	------------------------

SEGMENT REMARKS:



RIGHT BASE AREA

FROM

247/30 CW 337/30

TO

OBOPE

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	695215.00N/1573018.00W		528	164	98	4E	1000				AT1972	3500
6.TERRAIN	695215.00N/1573018.00W		328 (300)								AS1500	1800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

JUDGA

TO

DUVFU

<u>RNP</u>	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.AAO	702430.00N/1580954.00W		308	164	98	4E	1000				AT2192	3500
8.TERRAIN	702430.00N/1580954.00W		108 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

OBOPE

TO

DUVFU

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	7.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	701818.00N/1580833.00W		325	164	98	4E	1000				AT2175	3500
10.TERRAIN	702254.00N/1580757.00W		118 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

DUVFU (IF/IAF)

TO

IRIQU

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	8.67											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.AAO	702348.00N/1580636.00W		314	164	98	4E	500				AC98 AT788	1700
12.TERRAIN	702348.00N/1580636.00W		114 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LPV

FROM

IRIQU

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.93		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.LIGHTING (02-257891)	702757.79N/1572720.52W		104	20	3	1A		34:1				351

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM

IRIQU

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.93		DA		250							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				351

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

OCS SLOPE 24.21:1



FINAL: LNAV

FROM

IRIQU

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.93		RW07			399						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
14.AAO	702748.00N/1573756.00W		250	50	20	2C	250					500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM

DUVFU

TO

P-5

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-5										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.AAO	702257.00N/1583412.00W		324	164	98	4E	1000				AT2176	3500
16.TERRAIN	702257.00N/1583412.00W		124 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM

DA

TO

ENSUW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 163					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
17.AAO	702909.00N/1564957.00W		348	164	98	4E	1000					1400
18.TERRAIN	702924.00N/1572015.00W		124 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM

DA

TO

ENSUW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 201					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
17.AAO	702909.00N/1564957.00W		348	164	98	4E	1000					1400
18.TERRAIN	702924.00N/1572015.00W		124 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW07

TO

ENSUW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 400					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3500
17.AAO	702909.00N/1564957.00W		348	164	98	4E	1000					1400
18.TERRAIN	702924.00N/1572015.00W		124 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☒ CAT C

☒ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
19.ANTENNA (02-050286)	702845.53N/1572456.32W	1.30	399	172	20	10	1B	300		SI	500
CATEGORY B											
19.ANTENNA (02-050286)	702845.53N/1572456.32W	1.81	459	172	20	10	1B	300		HAA	560
CATEGORY C											
19.ANTENNA (02-050286)	702845.53N/1572456.32W	2.84	459	172	20	10	1B	300		HAA	560
CATEGORY D											
20.AAO	703048.00N/1573215.00W	3.71	599	298	164	98	4E	300		AC98	700

CIRCLING REMARKS:



<u>AIRPORT</u> ATQASUK EDWARD BURNELL SR MEMORIAL	<u>AIRPORT ID</u> PATQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 2	<u>CITY</u> ATQASUK	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 101	<u>FACILITY</u> RNAV
---	---------------------------	---	----------------------	------------------------	--------------------	---------------------------------	-------------------------

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ZAN ARTCC, FAI FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> PATQ	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PATQ	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> PABR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PABR	<u>DISTANCE</u> 50.82	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 125

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
PATQ 101, PABR 52
RA = 124.3

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)			
RW25 - MIRL (PCL), REIL (PCL), PAPI-2L (PCL)			

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 100.8	<u>TCH</u> 30.1	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 30.1
---------------------------------	------------------------------------	--------------------	------------------------	--------------------------	---------------------------	--------------------

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -22C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +14.8C
-----------------------------	------------------------------	--------------------	--------------------------

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.
CRITICAL LOW TEMPERATURE BASED ON EFFECTIVE GPA.
DESCENT RATE (FPM): STANDARD TEMP 956 HIGH TEMP 1262.

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS



and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
10' VEGETATION HEIGHT PER FPT.

ALTITUDES INCREASED AT IAFS, IF, AND MISSED APPROACH CLEARANCE LIMIT DUE TO LACK OF COMMUNICATIONS BELOW 3500 FT PER FLIGHT INSPECTION RESULTS.

CONTINGENCY ALTIMETER NOTE:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BARROW ALTIMETER SETTING: INCREASE DA TO 476 FEET; INCREASE ALL MDAS 140 FEET AND LNAV CATS C AND D VISIBILITY 3/8 SM, CIRCLING CAT D VISIBILITY 1/4 SM. BARO-VNAV AND VDP NA WHEN USING BARROW ALTIMETER SETTING.

VISUAL AREA 20:1 PENETRATIONS (CIRCLING TO RUNWAY 25):
100 LIGHTING (02-257930) 702804.62N/1572458.72W (0.90).
OBSTACLE DISREGARDED FOR INSTALLATION SUPPORTING TAXIWAY GUIDANCE IAW FAA STANDARDS.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.04
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	080.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	100
DISTANCE FROM	THLD	TO 1500FT POINT	4.73
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.95
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	080.77
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	100

THRESHOLD
COORDINATES
(IF STR-IN)702758.25N/1572711.82W

ARP COORDINATES702801.60N/1572608.40W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

RUNWAY 25 DISTANCE 0.36 NM

FAF
COORDINATES702711.61N/1574140.41W

FIX NAME
COORDINATES

REMARKS

TAA: IAF JUDGA 703239.14N 1581035.61W 30 NM RADIUS
TAA: IAF OBOPE 701854.30N 1580338.09W 30 NM RADIUS
TAA: IF/IAF DUVFU 702546.76N 1580705.68W 30 NM RADIUS



PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JASON KRETSCHMER	AJV-A422	01/17/2020	AERONAUTICAL INFORMATION SPECIALIST

