

**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 ID</u> PATQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ATQASUK	<u>STATE</u> AK		
<u>AIRPORT ELEVATION</u> 101	<u>TDZE</u> 101	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 12/31/2020	<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	DUMTE	IF/IAF	5000
2. 157/30 CW 247/30		JUGLA	IAF	5000
3. 247/30 CW 337/30		OBOBY	IAF	5000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JUGLA	IAF	DUMTE	NOPT	TF	FB	1.00	157.22	9.00	5000
OBOBY	IAF	DUMTE	NOPT	TF	FB	1.00	337.36	9.00	5000
DUMTE	IF/IAF	IRIQU		TF	FB	1.00	067.29	10.38	1700
IRIQU	FAF	RW07	MAP	TF	FO	0.30	067.77	4.93	
RW07	MAP	351 MSL		CA			067.77		
351 MSL		ENCUY		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**

LPV: DA  
 LNAV/VNAV: DA  
 LNAV: RW07

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5000 DIRECT ENCUY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**





**CHANGES - REASONS**

1. TAA: CHANGED TAA #1 FROM "DUVFU" TO "DUMTE" AND ALTITUDE FROM "3500" TO "5000" - IF/IAF FIXED DUVFU MOVED MORE THAN 1 NM/NO RADIO RECEPTION AT 3500.
2. TAA: CHANGED TAA #2 FROM "JUDGA" TO "JUGLA" AND ALTITUDE FROM "3500" TO "5000" - IAF FIXED JUDGA MOVED MORE THAN 1 NM/NO RADIO RECEPTION AT 3500.
3. TAA: CHANGED TAA #3 FROM "OBOPE" TO "OBOBY" AND ALTITUDE FROM "3500" TO "5000" - IAF FIXED OBOBY MOVED MORE THAN 1 NM/NO RADIO RECEPTION AT 3500.
4. TERMINAL ROUTES: IAF SEGMENT FROM JUDGA TO DUVFU CHANGED FROM "JUDGA IAF DUVFU NOPT TF FB 1.00 157.32 7.00 3500" TO "JUGLA IAF DUMTE NOPT TF FB 1.00 157.22 9.00 5000" - FIXES JUDGA AND DUVFU MOVED MORE THAN 1 NM TO ACCOMMODATE RADIO RECEPTION AND SEGMENT LONGER TO BETTER ACCOMMODATE CAT D AIRCRAFT.
5. TERMINAL ROUTES: IAF SEGMENT FROM OBOPE TO DUVFU CHANGED FROM "OBOPE IAF DUVFU NOPT TF FB 1.00 337.42 7.00 3500" TO "OBOBY IAF DUMTE NOPT TF FB 1.00 337.36 9.00 5000" - FIXES OBOPE AND DUVFU MOVED MORE THAN 1 NM TO ACCOMMODATE RADIO RECEPTION AND SEGMENT LONGER TO BETTER ACCOMMODATE CAT D AIRCRAFT.
6. TERMINAL ROUTES: IF/IAF SEGMENT FROM DUVFU TO IRIQU CHANGED FROM "DUVFU IF/IAF IRIQU TF FB 1.00 067.37 8.67 1700" TO "DUMTE IF/IAF IRIQU TF FB 1.00 067.29 10.38 1700" - FIX DUMTE MOVED MORE THAN 1 NM TO ACCOMMODATE RADIO RECEPTION AND SEGMENT LONGER TO BETTER ACCOMMODATE CAT D AIRCRAFT.
7. TERMINAL ROUTES: MA SEGMENT FROM 351 MSL TO ENSUW CHANGED FROM "351 MSL ENSUW DF FO 1.00 3500" TO "351 MSL ENCUY DF FO 1.00 5000" - MA CLNC LIMIT FIX ENSUW MOVED MORE THAN 1 NM TO ACCOMMODATE RADIO RECEPTION.
8. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 3500 DIRECT ENSUW AND HOLD, CONTINUE CLIMB IN HOLD TO 3500" TO "CLIMB TO 5000 DIRECT ENCUY AND HOLD, CONTINUE CLIMB IN HOLD TO 5000" - ALTITUDE RAISED TO ACCOMMODATE RADIO RECEPTION.
9. PROFILE LINE 2: CHANGED FROM "HOLD SW DUVFU, RT, 067.37 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000" TO "HOLD SW DUMTE, RT, 067.29 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 7000" - ALTITUDE RAISED TO ACCOMMODATE RADIO RECEPTION.
10. PROFILE LINE 4: MIN ALT CHANGED FROM "DUVFU 3500, IRIQU 1700" TO "DUMTE 5000, IRIQU 1700" - ALTITUDE RAISED TO ACCOMMODATE RADIO RECEPTION.
11. PBN REQUIREMENTS NOTE: CHANGED FROM RNP APCH TO RNP APCH - GPS - NEW PBN FORMAT IAW 8260.19, 8-6-8.
12. ADDITIONAL FLIGHT DATA: REMOVED \*LNAV ONLY - NO LONGER CRITERIA REQUIREMENT.
13. ADDITIONAL FLIGHT DATA; CHANGED FAS OBSTACLE FROM "FAS OBST: 250 AAO 702748N/1573756W." TO "250 AAO 702735N/1573658W" - NEW MAP STUDY CONDUCTED.
14. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD E, RT, 248.53 INBOUND" TO "HOLD E, RT, 248.75 INBOUND" - CLEARANCE LIMIT HOLDING FIX ENSUW MOVED MORE THAN 1 MILE.
15. CRC CHANGED FROM 4DF3380D TO 19700E81 - FPAP CHANGED FROM 702812.0800N/1572249.8335W TO 702812.0675N/1572249.8275W.

7/20/23: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/12/2023.

1. CHANGED NEW CRC REMAINDER FROM 0D125983 TO 19700E81
2. CHANGED NEW FPAP FROM 702812.0765N/1572249.8275W TO 702812.0675N/1572249.8275W

**COORDINATED WITH:**

~~AAA~~  ALPA  AOPA  APA  HAI  NBAA  OTHER: ZAN, FAI FSS, AMGR

**FLIGHT CHECKED BY**

JORDAN ALEXANDER ROLIH

**OFFICE**

FIOG

**DATE**

07/05/2023

**DEVELOPED BY**

APRIL SARMENTO

*Digitally signed by*  
**APRIL T SARMENTO**

Jul 20, 2023

**OFFICE**

AJV-A432

**DATE**

04/12/2023

**APPROVED BY**

CASIMIR TABAKA

**OFFICE**

AJV-A431

**DATE**

**TITLE**  
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	702812.0675N
FPAP LONGITUDE	1572249.8275W
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	19700E81

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

<u>AIRPORT ID</u> PATQ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 3	<u>CITY</u> ATQASUK	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 101	<u>FACILITY</u> RNAV
---------------------------	---	----------------------	------------------------	--------------------	---------------------------------	-------------------------

**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

**FROM** 337/30 CW 157/30 **TO** DUMTE

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<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>
AAO	705424.00N/1584657.00W	368	164	98	4E	2000				AT2600	5000
TERRAIN	695630.00N/1580824.00W	311 (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** JUGLA

RNP                      DISTANCE                      PAT                      MAP                      HAT                      HMAS

<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>
AAO	704236.00N/1573703.00W	348	164	98	4E	2000				AT2600	5000
TERRAIN	704236.00N/1573703.00W	147 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**RIGHT BASE AREA**

**FROM**  
247/30 CW 337/30

**TO**  
OBOBY

**RNP DISTANCE PAT MAP HAT HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	694554.00N/1580106.00W	604	164	98	4E	1000				AT3300	5000
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**  
JUGLA

**TO**  
DUMTE

**RNP DISTANCE PAT MAP HAT HMAS**  
9.00

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	702530.00N/1581442.00W	312	164	98	4E	1000				AT3688	5000
TERRAIN	702530.00N/1581518.00W	111 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**INITIAL**

**FROM**  
OBOBY

**TO**  
DUMTE

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
   9.00

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	701651.00N/1580157.00W	328	164	98	4E	1000				AT3672	5000
TERRAIN	701812.00N/1580842.00W	124 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

**FROM**  
DUMTE (IF/IAF)

**TO**  
IRIQU

**RNP**                      **DISTANCE**                      **PAT**                      **MAP**                      **HAT**                      **HMAS**  
   10.38

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	702354.00N/1581133.00W	315	164	98	4E	500				AC98 AT787	1700
TERRAIN	702351.00N/1581113.00W	114 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**FINAL: LPV**

**FROM** IRIQU **TO** RW07

**RNP** **DISTANCE** 4.93 **PAT** **MAP** DA **HAT** 250 **HMAS**

<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>
LIGHTING (02-087773)	702757.14N/1572720.20W	103	20	3	1A		34.00:1				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** 4.93 **PAT** **MAP** DA **HAT** 250 **HMAS**

<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>
							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





**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**FINAL: LNAV**

**FROM** IRIQU **TO** RW07

**RNP** **DISTANCE** 4.93 **PAT** **MAP** RW07 **HAT** 399 **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	702735.09N/1573657.54W	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** DUMTE **TO** P-6

**RNP** **DISTANCE** **PAT** P-6 **MAP** **HAT** **HMAS**

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
AAO	702245.00N/1583251.00W	325	164	98	4E	1000				AT3675	5000
TERRAIN	702239.00N/1584003.00W	124 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**MISSED APPROACH : LPV**

**FROM** DA **TO** ENCUY

**RNP**      **DISTANCE**      **PAT**      **MAP**      **HAT**      **HMAS**  
164

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				5000
AAO	702909.00N/1564957.00W	347	164	98	4E	1000					1400
TERRAIN	702909.00N/1564957.00W	147 (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** ENCUY

**RNP**      **DISTANCE**      **PAT**      **MAP**      **HAT**      **HMAS**  
190

<b>OBSTRUCTION</b>	<b>COORDINATES</b>	<b>ELEV MSL</b>	<b>HORZ</b>	<b>VERT</b>	<b>AC</b>	<b>ROC</b>	<b>OCS</b>	<b>CG</b>	<b>CGTA</b>	<b>ADJUSTMENTS</b>	<b>MIN ALT</b>
							ASC				5000
AAO	702909.00N/1564957.00W	347	164	98	4E	1000					1400
TERRAIN	702909.00N/1564957.00W	147 (100)								AS1500	1600

**COMPUTATIONS**

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

**SEGMENT REMARKS:**



**AIRPORT ID**  
PATQ

**PROCEDURE NAME**  
RNAV (GPS) RWY 7

**AMDT NO.**  
3

**CITY**  
ATQASUK

**STATE**  
AK

**AIRPORT ELEVATION**  
101

**FACILITY**  
RNAV

**MISSED APPROACH : LNAV**

**FROM**  
RW07 **TO**  
ENCUY

**RNP**      **DISTANCE**      **PAT**      **MAP**      **HAT**      **HMAS**  
400

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				5000
AAO	702909.00N/1564957.00W	347	164	98	4E	1000					1400
TERRAIN	702909.00N/1564957.00W	147 (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
<b>CATEGORY A</b>											
ANTENNA (02-050286)	702845.53N/1572456.32W	1.30	399	172	20	10	1B	300		SI	500
<b>CATEGORY B</b>											
ANTENNA (02-050286)	702845.53N/1572456.32W	1.81	459	172	20	10	1B	300		HAA	560
<b>CATEGORY C</b>											
ANTENNA (02-050286)	702845.53N/1572456.32W	2.84	459	172	20	10	1B	300		HAA	560
<b>CATEGORY D</b>											
AAO	703048.00N/1573215.00W	3.71	599	299	164	98	4E	300		AC98	700

**CIRCLING REMARKS:**



AIRPORT ID  
PATQ

PROCEDURE NAME  
RNAV (GPS) RWY 7

AMDT NO.  
3

CITY  
ATQASUK

STATE  
AK

AIRPORT ELEVATION  
101

FACILITY  
RNAV

CENTER

RADIUS

REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

QUALITY  
10  
CHECKED

AIRPORT ID  
PATQ

PROCEDURE NAME  
RNAV (GPS) RWY 7

AMDT NO.  
3

CITY  
ATQASUK

STATE  
AK

AIRPORT ELEVATION  
101

FACILITY  
RNAV

**PART B: SUPPLEMENTAL DATA**

COMMUNICATIONS WITH  
ZAN ARTCC, FAI FSS

<u>WX SERVICE</u> AWOS-3P	<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	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	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 1261.

"VISUAL PORTION OF FINAL" PENETRATIONS



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

**PENETRATIONS REMARKS:**

---

---

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

10 FT VEGETATION HEIGHT PER FPT.

ALTITUDES INCREASED AT 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 WILEY POST-WILL ROGERS MEML ALTIMETER SETTING AND INCREASE LPV DA TO 476 FEET; INCREASE LNAV/VNAV DA TO 476 FEET; INCREASE ALL MDAS 140 FEET AND LNAV VISIBILITY CAT C/D 3/8 SM, AND CIRCLING VISIBILITY CAT D 1/4 SM.

BARO-VNAV AND VDP NA WHEN USING WILEY POST-WILL ROGERS MEML ALTIMETER SETTING.

ALL 20:1 AND 34:1 PENETRATIONS ARE TAXIWAY EDGE LIGHTS AND PERMITTED BY 8260.3 CRITERIA TABLE 10-6-1:

20:1 - 02-088766, 02-046653

34:1 - 02-088766, 02-046653, 02-257891

VGS PENETRATIONS ALSO PERMITTED BY TABLE 10-6-1:

TAXIWAY LIGHTING: 02-046651, 02-046823, 02-046824, 02-088766, 02-108131

REILS: 02-108052

AND REILS: 02-046823, 02-108131, 02-088766, 02-046824.

AFS APPROVAL SUBMITTED FOR VGS PENETRATION 02-097821 (VEGETATION).

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID  
PATQ

PROCEDURE NAME  
RNAV (GPS) RWY 7

AMDT NO.  
3

CITY  
ATQASUK

STATE  
AK

AIRPORT ELEVATION  
101

FACILITY  
RNAV

**PART D: AIRSPACE**

**DOCKET #**

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

<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1000FT POINT</b>	<b>3.13</b>
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1000FT POINT</b>	<b>1.20</b>
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>080.77</b>
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1000FT POINT</b>	<b>100</b>
<b>DISTANCE FROM</b>	<b>THLD</b>	<b>TO 1500FT POINT</b>	<b>4.73</b>
<b>WIDTH OF</b>	<b>FINAL</b>	<b>SEGMENT AT 1500FT POINT</b>	<b>1.95</b>
<b>TRUE COURSE OF</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>080.77</b>
<b>HIGH TERRAIN IN</b>	<b>FINAL</b>	<b>SEGMENT CONTAINING 1500FT POINT</b>	<b>100</b>

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

**ARP COORDINATES** 702801.60N/1572608.40W

**RUNWAY APCH END AND DIST FURTHEST FROM ARP** RUNWAY 25 DISTANCE 0.36 NM

**FAF COORDINATES** 702711.61N/1574140.41W

**FIX NAME COORDINATES**

**REMARKS**

NO ADDITIONAL AIRSPACE REQUIRED.  
TAA: IAF JUGLA 703419.656N/1581638.910W  
TAA: IAF OBOBY 701639.385N/1580738.005W  
TAA: IF/IAF DUMTE 702529.581N/1581206.504W



AIRPORT ID  
PATQ

PROCEDURE NAME  
RNAV (GPS) RWY 7

AMDT NO.  
3

CITY  
ATQASUK

STATE  
AK

AIRPORT ELEVATION  
101

FACILITY  
RNAV

**PART E: PREPARED BY**

NAME  
APRIL SARMENTO

OFFICE  
AJV-A432

DATE  
04/12/2023

TITLE  
AERONAUTICAL INFORMATION SPECIALIST

