

**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SUPERSEDED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> 31 DECEMBER 2020	<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: 067.77

FAF: IRIQU

DIST FAF TO MAP: 4.93

DIST FAF TO THLD: 4.93

4. MIN ALT: DUVFU 3500, IRIQU 1700

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

250 HAT: 0.69

GS ANT:

6. MIN GP INCPT: 1700

GP ALT AT FAF : IRIQU 1700

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 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

