

**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> TELLER	<u>AIRPORT ID</u> PATE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> TELLER	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 299	<u>TDZE</u> 299	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 07/31/2008	<u>MAG VAR</u> 9E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 16 JULY 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 350/30 CW 101/30	NOPT	GUYEL	IF/IAF	3700
2. 101/30 CW 170/30	NOPT	101/8 CW 170/8		5100
3. 101/8 CW 170/8		GUYEL	IF/IAF	3700
4. 170/30 CW 260/30		ARANY	IAF	4400
5. 260/30 CW 350/30		260/12 CW 350/12		6100
6. 260/12 CW 350/12		JIPAK	IAF	3900

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
JIPAK	IAF	GUYEL	NOPT	TF	FB	1.00	349.60	7.68	3700
ARANY	IAF	GUYEL	NOPT	TF	FB	1.00	169.60	7.70	3700
GUYEL	IF/IAF	BICAC		TF	FB	1.00	079.59	5.74	2000
BICAC	FAF	RW08	MAP	TF	FO	0.30	079.82	5.27	
RW08	MAP	499 MSL		CA			079.82		
499 MSL		DITAY		DF	FO	1.00			3700



**MISSED APPROACH****MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW08

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3700 DIRECT DITAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:****PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD W GUYEL, RT, 079.59 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	079.82	FAF: BICAC	DIST FAF TO MAP: 5.27			DIST FAF TO THLD: 5.27			
4. MIN ALT:	GUYEL 3700, BICAC 2000								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.56	GS ANT:				
6. MIN GP INCPT: 2000	GP ALT AT FAF : BICAC 2000			OM:	MM:		IM:		
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0						
8. MSA FROM:									

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING NA SOUTH OF RWY 08-26.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -23°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.  
CHART ALASKA ADIZ  
CHART VDP AT 1.65 NM TO RW08\*  
\*LNAV ONLY  
WAAS CHANNEL #78143  
REFERENCE PATH ID: W08A  
FAS OBST: 550 AAO 651350N/1662642W.  
HOLD E, RT, 260.42 INBOUND  
LTP HAE: 89.9 M



**MINIMUMS:**

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

**ALTERNATE:** NA ☐ STANDARD - CAT C 800 - 2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	499	1	200	499	1	200	499	1	200		NA				
LNAV/VNAV DA	655	1	356	655	1	356	655	1	356		NA				
LNAV MDA	860	1	561	860	1	561	860	1 5/8	561		NA				
CIRCLING	860	1	561	900	1	601	1060	2 1/4	761		NA				

**CHANGES - REASONS**

1. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3400 DIRECT DITAY WP AND HOLD" TO "CLIMB TO 3700 DIRECT DITAY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3700" - MISSED APPROACH ALTITUDE NOT REACHED BY CLEARANCE LIMIT TO MATCH ALT AT DITAY FOR RWY 26 TAA/HILPT.
2. CHANGED FINAL APPROACH COURSE HEADING FROM 074.82 TO 079.82 - AIRPORT MAG VAR CHANGE.
3. ADDED LPV AND LNAV/VNAV MINIMUMS AND ASSOCIATED NOTE - AS REQUESTED BY FPT DUE TO LOCAL ALTIMETER ADDED AND CURRENT SURVEY.
4. LINE 4: CHANGED FROM "GUYEL WP 3400, BICAC WP 1900" TO "GUYEL 3700, BICAC 2000" - ALTITUDES INCREASED AT GUYEL AND BICAC PER FPT CHECKLIST.
5. LINE 2: CHANGED FROM "PROFILE STARTS AT GUYEL WP" TO "HOLD W GUYEL, RT, 079.59 INBOUND, 3700 FT IN LIEU OF PT (IAF), MAX 6000" - HOLD IN LIEU AT GUYEL REQUESTED BY FPT CHECKLIST AND IAW 8260.19H, PARA 8-6-7 B.(2).
6. REMOVED ADDITIONAL FLIGHT DATA CHART NOTE "BICAC TO RW07: 3.04/40 - IAW 8260.19H, PARA 8-6-10 P. (2).
7. ADDED CIRCLING CHART NOTE "CIRCLING NA SOUTH OF RWY 08-26" - PER FPT AND IAW 8260.19H, PARA 8-6-11 O. (5)(A).
8. CHANGED LNAV ALL CATS MDA/HAT FROM 1020/726 TO 860/561 AND VISIBILITY CAT C FROM 2 SM TO 1 5/8 SM - NEW OBSTACLE STUDY, VISIBILITY CHECK AND LOCAL AWOS AVAILABLE.
9. CHANGED CIRCLING CAT A CMDA/HAA FROM 1060/766 TO 860/561, CAT B CMDA/HAA FROM 1060/766 TO 900/601 AND CAT C CMDA/HAA FROM 1060/766 TO 1060/761 - NEW OBSTACLE STUDY, VISIBILITY CHECK AND LOCAL AWOS AVAILABLE.
10. MSA AND TERMINAL ROUTE DELETED: ATAYI TO GUYEL, COURSE 074.33/DISTANCE 7.59, ALTITUDE 3400 - ADDED TAA.
11. TERMINAL ROUTE ADDED: ARANY TO GUYEL, COURSE 169.60/DISTANCE 7.70, ALTITUDE 3700 - ADDED TAA.
12. INCREASED SEGMENT ALTITUDE JIPAK TO GUYEL FROM 3400 FT TO 3700 FT CHANGED COURSE FROM 344.81 TO 349.60 UPDATED DISTANCE FROM 7.97 TO 7.68 ADDED NOPT - PER FPT REQUEST, UPDATED MAGVAR, AND NEW TARGETS EVALUATION IAW 8260.19H 8-2-5 (G) 1.
13. CHANGED PROCEDURE NAME FROM RNAV (GPS) RWY 7 TO RNAV (GPS) RWY 8 UPDATED MAG VAR: 14E EPOCH YEAR 2005 TO MAG VAR 9E EPOCH YEAR 2020 - MAG VAR UPDATED DUE TO BEING OUT OF TOLERANCE.
14. DELETED CHART NOTE "DME/DME RNP 0.30 NA" ADDED PBN REQUIREMENTS NOTE "RNP APCH" - IAW 8260.19H, PARA 8-6-8, B. (1).
15. DELETED "FAS OBST: 645 AAO 651354/1662257" ADDED "FAS OBST: 550 AAO 651350N/1662642W" - NEW OBSTACLE EVALUATION AND IAW 8260.19H, PARA 8-6-10 C.
16. CHANGED MISSED "CA" LEG FROM 1020 FT TO 499 FT - REQUIRED PRIOR TO "DF" LEG IAW 8260.58A, PARA 3-5-2 A.
17. DELETED ADDITIONAL FLIGHT DATA NOTES "MIRL 07/25" AND "FINAL SEGMENT (TF)" - OUTDATED NOTE, NO LONGER REQUIRED TO CHART.
18. DELETED NOTE "USE TIN CITY ALTIMETER SETTING" - AIRPORT NOW HAS LOCAL ALTIMETER SOURCE ON WMSCR AND BACKUP ALTIMETER NOTE DOCUMENTED ON -9 AS A CONTINGENCY.
19. REMOVED BACKUP ALTIMETER NOTE "VDP AND BARO-VNAV NA WHEN USING BREVIG MISSION ALTIMETER SETTING" - MOVED TO BACK OF -9 AS CONTINGENCY NOTE.
20. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "HOLD E, RT, 255.42 INBOUND" TO "HOLD E, RT 260.42 INBOUND" - COURSE CHANGE DUE TO AIRPORT MAG VAR UPDATE.
21. ADDED CHART CIRCLING ICON IN ADDITIONAL FLIGHT DATA - UPDATED EVALUATION, NEW CIRCLING CRITERIA.
22. LINE 7: GP ANGLE CHANGED FROM 3.04 TO 3.00, 20:1 IS CLEAR ADDED - UPDATED SURVEY AND OBSTACLE EVALUATION.
23. CHANGED ALTERNATE MINS FROM "NA" TO "STANDARD - CAT C 800 - 2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE" - IAW 8260.19H 8-6-11 (B) 4.
24. CHANGED TERMINAL ROUTES SEGMENT GUYEL TO BICAC DISTANCE AND COURSE FROM 074.60/6.11 TO 074.59/5.74 - MOVED BICAC FOR OPTIMUM GP ANGLE.
25. CHANGED TERMINAL ROUTES SEGMENT BICAC TO RW08 DISTANCE AND COURSE FROM 4.9/079.60 TO 5.27/079.59 - MOVED BICAC FOR OPTIMUM GP ANGLE.



COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZAN, WST FPT, AMGR

FLIGHT CHECKED BY

DUSTIN C WELSH

*Digitally signed by*

**JOHN BORDY**

Jun 04, 2020

OFFICE

FICO

DATE

5/28/2020

DEVELOPED BY

CASIMIR L. TABAKA (JOSHUA DUGAN)

*Digitally signed by*

**JOHN BORDY**

Jun 04, 2020

OFFICE

AJV-A422

DATE

06/26/2019

APPROVED BY

MARLON ROBINSON

*Digitally signed by*

**JOHN BORDY**

Jun 04, 2020

OFFICE

AJV-A420

DATE

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PATE
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	651425.1210N
LTP/FTP LONGITUDE	1662056.8020W
LTP/FTP ELLIPSOIDAL HEIGHT	+00899
FPAP LATITUDE	651426.6315N
FPAP LONGITUDE	1661725.0560W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	A343FBCF

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00857
FPAP ORTHOMETRIC HEIGHT	+00857

