

**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> BETHEL	<u>AIRPORT ID</u> PABE	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1R	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> BETHEL	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 129	<u>TDZE</u> 124	<u>SUPERSEDED</u> RNAV (GPS) RWY 1R	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 06/22/2017	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 283/30 CW 102/30	NOPT	283/25 CW 102/25		3100
2. 283/25 CW 102/25		PUYIC	IF/IAF	2000
3. 102/30 CW 192/30		NIRVE	IAF	2000
4. 192/30 CW 283/30		192/15 CW 283/15		3200
5. 192/15 CW 283/15		NIPSE	IAF	2000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
NIRVE	IAF	PUYIC	NOPT	TF	FB	1.00	102.12	8.00	2000
NIPSE	IAF	PUYIC	NOPT	TF	FB	1.00	282.56	8.00	2000
PUYIC	IF/IAF	BOZEL		TF	FB	1.00	012.34	5.95	1800
BOZEL	FAF	DISVE/2.50 NM TO RW01R		TF	FB	1.00	012.41	2.60	
DISVE/2.50 NM TO RW01R		RW01R	MAP	TF	FO	1.00	012.41	2.50	
RW01R	MAP	600 MSL		CA			012.41		600
600 MSL		ROLLR		DF	FO	1.00			2000



**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01R

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 2000 DIRECT ROLLR AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S PUYIC, RT, 012.34 INBOUND, 2000 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC: 012.41		FAF: BOZEL		DIST FAF TO MAP: 5.10	DIST FAF TO THLD: 5.10
4. MIN ALT:	PUYIC 2000, BOZEL 1800, DISVE/2.50 NM TO RW01R 960*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.61	GS ANT:
6. MIN GP INCPT: 1800	GP ALT AT FAF :	BOZEL 1800		OM:	MM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.0		IM:
8. MSA FROM:					

**PBN REQUIREMENTS NOTE:**

RNP APCH.

**NOTES:**

CHART NOTE: CIRCLING NA W OF RWY 1L-19R.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

**ADDITIONAL FLIGHT DATA:**

HOLD W, RT, 100.18 INBOUND.  
CHART FAS OBST: 210 ANTENNA 604638N/1615042W.  
CHART VDP AT 0.96 NM TO RW01R\*  
\*LNAV ONLY.  
WAAS CHANNEL # 81940  
REFERENCE PATH ID: W01B  
CHART CIRCLING ICON.  
LTP HAE: 47.8 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	374	3/4	250	374	3/4	250	374	3/4	250	374	3/4	250				
LNAV/VNAV DA	374	3/4	250	374	3/4	250	374	3/4	250	374	3/4	250				
LNAV MDA	460	1	336	460	1	336	460	1	336	460	1	336				
CIRCLING	500	1	371	600	1	471	600	1 1/2	471	680	2	551				

**CHANGES - REASONS**

1. ADDED "MAX 6000" TO PROFILE LINE 2 - 8260.19H 8-6-7.B(2).
2. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7 -- 8260.19H, 8-6-7.G.3.
3. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH" -- 8260.19H, 8-6-8.B(1).
4. CHANGED CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C (0°F) OR ABOVE 54°C (130°F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C" - 8260.19H, 8-6-9.S.
5. ADDED "NA WHEN LOCAL WEATHER NOT AVAILABLE" TO ALTERNATE DATA -- 8260.19H, 8-6-11.B(4).
6. CHANGED CIRCLING CAT A MDA/HAA FROM "480/351" TO "500/371" - NEW CONTROLLING OBSTACLE.

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  **OTHER:** ZAN, BET TWR, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

**OFFICE**

**DATE**

*Digitally signed by*

**DEVELOPED BY**

DAVID DANNER (DANIEL C JOHNSEN)

*Digitally signed by*

**JASON KRETSCHMER**

Jul 24, 2020

**JASON KRETSCHMER OFFICE**

Jul 24, 2020 AJV-A421

**DATE**

04/06/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**JASON KRETSCHMER**

Jul 24, 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	PABE
RUNWAY	RW01R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01B
LTP/FTP LATITUDE	604615.6235N
LTP/FTP LONGITUDE	1615023.7005W
LTP/FTP ELLIPSOIDAL HEIGHT	+00478
FPAP LATITUDE	604737.1230N
FPAP LONGITUDE	1614911.2935W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1536
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	51158D24

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00372
FPAP ORTHOMETRIC HEIGHT	+00372

