

**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> ANIAK	<u>AIRPORT ID</u> PANI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> ANIAK	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 97	<u>TDZE</u> 97	<u>SUPERSEDED</u> RNAV (GPS) RWY 29	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 05/26/2016	<u>MAG VAR</u> 12E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 10 SEPTEMBER 2020	<u>REQUIRED EFFECTIVE DATE</u> 9/10/2020	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

**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>
ANI NDB		APWIS		TF	FO	1.00	107.70	13.11	3500
EBSIH	IAF	APWIS	NOPT	TF	FB	1.00	249.75	10.17	3500
CERGU	IAF	APWIS	NOPT	TF	FB	1.00	346.14	9.57	3500
APWIS	IF/IAF	HAFRU		TF	FB	1.00	289.49	6.23	1700
HAFRU	FAF	RW29	MAP	TF	FO	0.30	289.32	4.87	
RW29	MAP	1500 MSL		CA			289.32		1500
1500 MSL		APWIS		DF	FO	1.00			3500

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW29

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3500 DIRECT APWIS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. HOLD E APWIS, RT, 289.49 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 14000.
3. FAC: 289.32      FAF: HAFRU      DIST FAF TO MAP: 4.87      DIST FAF TO THLD: 4.87
4. MIN ALT: APWIS 3500, HAFRU 1700
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      250 HAT: 0.62      GS ANT:      MM:      IM:
6. MIN GP INCPT: 1700      GP ALT AT FAF : HAFRU 1700      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1: IS NOT CLEAR      20:1: IS CLEAR      TCH: 52.0
8. MSA FROM: RW29 4800

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA N OF RWY 11-29.  
CHART NOTE: RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT EBSIH ON V508 SOUTHEAST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANIAK NDB ON R39 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
CHART VDP AT 1.29 NM TO RW29\*  
\*LNAV ONLY  
WAAS CHANNEL #86538  
REFERENCE PATH ID: W29A  
FAS OBST: 300 AAO 613225N/1592629W.  
LTP HAE: 40 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1200-3, 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	347	1	250	347	1	250	347	1	250	347	1	250			
LNAV/VNAV DA	460	1	363	460	1	363	460	1	363	460	1	363			
LNAV MDA	560	1	463	560	1	463	560	1 3/8	463	560	1 3/8	463			
CIRCLING	560	1	463	620	1	523	860	2 1/4	763	1200	3	1103			



**CHANGES - REASONS**

1. CHANGED APWIS TO HAFRU COURSE/DISTANCE FROM 289.50/6.13 TO 289.49/6.23 - HAFRU MOVED/FULL AMENDMENT.
2. CHANGED MA CLIMB TO ALTITUDE FROM 1400 TO 1500 - AVOIDS CIH OBSTACLE EVALUATION RAISING HOLDING ALTITUDE.
3. CHANGED CHART NOTE: FROM "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" - IAW 8260.19H 8-6-9S.
4. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H, PARA 8-6-8 B(1).
5. CHANGED CHART FAS OBST: FROM "CHART FAS OBST: 299 AAO 613203N/1592500W" TO "FAS OBST: 300 AAO 613225N/1592629W" - RUNWAY RELOCATION/NEW OBS EVAL.
6. CHARTED APT ELEV AND TDZE CHANGED FROM 96 TO 97 - UPDATED AIRPORT DATA/RUNWAY RELOCATION.
7. CHANGED CHART NOTE: FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" TO "RWY 29 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - IAW 8260.19H 8-6-11 K(3).
8. LTP LAT/LONG CHANGED FROM 613438.4185N/1593141.9660W TO 613439.2900N/1593155.3600W - RUNWAY RELOCATION/NEW AIRNAV DATA.
9. FPAP LAT/LONG CHANGED FROM 613524.4170N/1593421.4505W TO 613525.2823N/1593434.8531W - RUNWAY RELOCATION/ NEW AIRNAV DATA.
10. LENGTH OFFSET CHANGED FROM 0920 TO 0984 - RUNWAY RELOCATION/ NEW AIRNAV DATA.
11. CRC REMAINDER CHANGED FROM A2F46DA8 TO 246FE91C - FPAP AND LTP/FTP LOCATIONS AND LENGTH OFFSET CHANGED.
12. LTP HAE CHANGED FROM 39.7 M TO 40 M - RUNWAY RELOCATION.
13. MSA ALTITUDE CHANGED FROM 4900 TO 4800 - RUNWAY RELOCATION/UPDATED OBSTACLE EVALUATION.
14. CHANGED ALTERNATE MINS FROM "STANDARD - CAT C 800-2 1/4, CAT D 1200-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" TO "STANDARD - CAT C 800-2 1/4, CAT D 1200-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE"- UPDATED EVALUATION/VIS CHECK.
15. ADDED PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ANIAK NDB ON R39 SOUTHWEST BOUND.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, AMGR, STATE OF ALASKA/DOT/PF

**FLIGHT CHECKED BY**

PENDING

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

**OFFICE**

FICO

**DATE****DEVELOPED BY**

WARDELL HENNING (PATRICK COMBS)

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

**OFFICE**

AJV-A432

**DATE**

12/12/2019

**APPROVED BY**

GEORGE DAVIS

*Digitally signed by***WARDELL HENNING**

Apr 14, 2020

**OFFICE**

AJV-A430

**DATE****TITLE**

MANAGER

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PANI
RUNWAY	RW29
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W29A
LTP/FTP LATITUDE	613439.2900N
LTP/FTP LONGITUDE	1593155.3600W
LTP/FTP ELLIPSOIDAL HEIGHT	+00400
FPAP LATITUDE	613525.2820N
FPAP LONGITUDE	1593434.8530W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0984
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	246FE91C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00296
FPAP ORTHOMETRIC HEIGHT	+00296

