

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> BUCKLAND	<u>AIRPORT ID</u> PABL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 2A	<u>CITY</u> BUCKLAND	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 29	<u>TDZE</u> 29	<u>SUPERSEDED</u> RNAV (GPS) RWY 11	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 07/19/2018	<u>MAG VAR</u> 11E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 JANUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 020/30 CW 200/30	NOPT	020/12 CW 200/12		4400
1. 020/12 CW 200/12		HAGVA	IF/IAF	2900
2. 200/30 CW 290/30		200/15 CW 290/15		5600
2. 200/15 CW 290/15		WADUN	IAF	4200
3. 290/30 CW 020/30		290/15 CW 020/15		4800
4. 290/15 CW 020/15		KENKE	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>
WADUN	IAF	HAGVA	NOPT	TF	FB	1.00	200.51	8.00	2900
KENKE	IAF	HAGVA	NOPT	TF	FB	1.00	020.20	8.00	2900
HAGVA	IF/IAF	BIHGO		TF	FB	1.00	110.35	7.70	1900
BIHGO	FAF	WIBLO/1.90 NM TO RW11		TF	FB	0.30	110.60	3.89	
WIBLO/1.90 NM TO RW11		RW11	MAP	TF	FO	0.30	110.60	1.90	
RW11	MAP	279 MSL		CA			110.60		
279 MSL		JAMUR		DF	FO	1.00			3100



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3100 DIRECT JAMUR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD W HAGVA, RT, 110.35 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.							
3. FAC:	110.60	FAF: BIHGO	DIST FAF TO MAP: 5.79	DIST FAF TO THLD: 5.79				
4. MIN ALT:	HAGVA 2900, BIHGO 1900, WIBLO/1.90 NM TO RW11 660*							
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	250 HAT: 0.69	GS ANT:		
6. MIN GP INCPT: 1900		GP ALT AT FAF : BIHGO 1900			OM:	MM:	IM:	
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 30.0					
8. MSA FROM:								

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING SELAWIK ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C OR ABOVE 54C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING IS NOT RECEIVED USE SELAWIK ALTIMETER SETTING: INCREASE DA TO 387 FT AND ALL VISIBILITIES 3/8 SM; INCREASE ALL MDAS 120 FT AND VISIBILITY CAT C 1/4 SM.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
310 AAO 660148N1612019W
CHART VDP AT 0.90 NM TO RW11*
*LNAV ONLY
WAAS CHANNEL #58041
REFERENCE PATH ID: W11A
CHART FAS OBST: 79 TREE 655845N/1611100W.
HOLD E, RT, 291.17 INBOUND
LTP HAE: 13 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	279	1	250	279	1	250	279	1	250		NA				
LNAV/VNAV DA	279	1	250	279	1	250	279	1	250		NA				
LNAV MDA	340	1	311	340	1	311	340	1	311		NA				
CIRCLING	540	1	511	540	1	511	640	1 3/4	611		NA				

CHANGES - REASONS

1. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F)." TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C OR ABOVE 54C" - UPDATED CHART NOTE PER 8260.19H, 8-6-9 (S)
2. RESTORED SEGMENT KENKE TO HAGVA - CORRECTED FIX KENKE COORDINATES TO 655915.28N/1614751.06W - ERRONOUSLY MOVED 0.4 NM SE / CLEAR T-NOTAM 8/8018.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZAN, ANC FPO, AK DOT/PF

FLIGHT CHECKED BY

THOMAS ROBERT CONKLIN

Digitally signed by
ADOLFO D URRUTIA
Sep 20, 2018

OFFICE

FIOG

DATE

05/18/2018

DEVELOPED BY

WARDELL HENNING

Digitally signed by

ADOLFO D URRUTIA

Sep 20, 2018

OFFICE

AJV-5433

DATE

08/21/2018

Digitally signed by
DAN POWELL
Sep 20, 2018

APPROVED BY

PATRICK MULQUEEN

OFFICE

AJV-5430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PABL
RUNWAY	RW11
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W11A
LTP/FTP LATITUDE	655901.9205N
LTP/FTP LONGITUDE	1610929.7375W
LTP/FTP ELLIPSOIDAL HEIGHT	+00130
FPAP LATITUDE	655815.1275N
FPAP LONGITUDE	1610624.5850W
THRESHOLD CROSSING HEIGHT (TCH)	00030.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1776
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	ED0FD3ED

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00083
FPAP ORTHOMETRIC HEIGHT	+00083

