

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> BREVIG MISSION	<u>AIRPORT ID</u> PFKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> BREVIG MISSION	<u>STATE</u> AK
<u>AIRPORT ELEVATION</u> 38	<u>TDZE</u> 37	<u>SUPERSEDED</u> RNAV (GPS) RWY 30	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 03/31/2016	<u>MAG VAR</u> 9E
<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>	<u>EPOCH YEAR</u> 2020

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 211/30 CW 031/30	NOPT	211/9 CW 031/9		7000
2. 211/9 CW 031/9		CUSEW	IF/IAF	4600
3. 031/30 CW 121/30		YEGUK	IAF	4600
4. 121/30 CW 211/30		JOMSO		4600

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>
YEGUK	IAF	CUSEW	NOPT	TF	FB	1.00	030.97	6.50	4600
JOMSO	IAF	CUSEW	NOPT	TF	FB	1.00	211.29	6.50	4600
CUSEW	IF/IAF	FETUP		TF	FB	1.00	301.13	8.00	2600
FETUP	FAF	EZIDU/4.00 NM TO RW30		TF	FB	0.30	300.91	3.93	
EZIDU/4.00 NM TO RW30		RW30	MAP	TF	FO	0.30	300.91	4.00	
RW30	MAP	287 MSL		CA			300.91		
287 MSL		WIGBO		DF	FO	1.00			5100



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW30

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5100 DIRECT WIGBO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5100.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD SE CUSEW, RT, 301.13 INBOUND, 4600 FT. IN LIEU OF PT (IAF), MAX 6300.								
3. FAC:	300.91	FAF: FETUP	DIST FAF TO MAP: 7.93	DIST FAF TO THLD: 7.93					
4. MIN ALT:	CUSEW 4600, FETUP 2600, EZIDU/4.00 NM TO RW30 1340*								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.67	GS ANT:				
6. MIN GP INCPT: 2600	GP ALT AT FAF : FETUP 2600		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 N OF RWYS 12 AND RWY 23.
CHART NOTE: CIRCLING RWY 23 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -25°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

849 AAO 651346N/1661354W.
CHART CIRCLING ICON.
CHART VDP AT 3.13 NM TO RW30*
*LNAV ONLY
WAAS CHANNEL #81928
REFERENCE PATH ID: W30A
FAS OBST: 249 AAO 651845N/1662408W.
HOLD NW, RT, 120.23 INBOUND
LTP HAE: 14.7 M



MINIMUMS:

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

ALTERNATE: NA ☐ CAT A 1100-4, CAT B 1500-4, CAT C 1800-4

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	287	1 1/4	250	287	1	250	287	1	250		NA				
LNAV/VNAV DA	960	4	923	960	4	923	960	4	923		NA				
LNAV MDA	1080	1 1/4	1043	1080	1 1/2	1043	1080	3	1043		NA				
CIRCLING	1080	1 1/4	1042	1460	2 1/2	1422	1580	3	1542		NA				

CHANGES - REASONS

1. UPDATED PROCEDURE FOR AIRPORT MAGVAR CHANGE - MAGVAR CHANGED FROM 12E TO 9E 2020.
2. REMOVED CHART NOTE: DME/DME RNP - 0.3NA - CRITERIA CHANGE.
3. ADDED PBN REQUIREMENT NOTES: RNP APCH - CRITERIA CHANGE.
4. ADDED CHART CIRCLING ICON. - NEW CIRCLING CRITERIA APPLIED.
5. UPDATED RWY 22 TO RWY 23 ON 8260-3 AND 8260-9. - RUNWAY MAGVAR CHANGE.
6. ADDED NEW FIXES TO PROCEDURE FOR TAA.-TAA CHANGED FROM I TO T.
7. REPLACED MISSED APPROACH FIX BEVEH WITH WIGBO. - FIX MOVED MORE THAN 1 NM.
8. REPALCED INITIAL APPROACH FIX GUSPE WITH CUSEW. - FIX MOVED MORE THAN 1 NM.
9. ADDED INITIAL APPROACH FIX YEGUK (LEFT BASE). - ESTABLISHED FIX FOR TAA.
10. ADDED INITIAL APPROACH FIX JOMSO (RIGHT BASE). - ESTABLISHED FIX FOR TAA.
11. LPV MINIMUMS DECREASED FROM 288/HAT 251 TO 287/HAT 250, VISIBILITY RAISED FROM 7/8 SM TO 1 SM. - HAT INCREASED 2 FEET.
12. LNAV MINIMUMS INCREASED FROM 1120/HAT 1083 TO 1080/HAT 1043, VISIBILITY INCREASED FROM 1 SM TO 1 1/2 SM. - LNAV MINIMUMS ADDED TO PROCEDURE ATC REQUEST.
13. CIRCLING CAT A MINIMUMS DECREASED FROM 1120/ HAA 1082 TO 1080/ HAA 1042. - NEW CIRCLING CRITERIA APPLIED.
14. CIRCLING CAT B MINIMUMS INCREASED FROM 1120/ HAA 1082 TO 1460/ HAA 1422. - NEW CIRCLING CRITERIA APPLIED.
15. UPDATED CHART NOTE: CIRCLING NA N OF RWYS 12 AND 23.- RWY DESIGNATOR CHANGED FROM 22 TO 23.
16. UPDATED CHART NOTE: CIRCLING RWY 23 NA AT NIGHT.-THIS CANCELS NOTAM 5/8216 AND RWY DESIGNATOR CHANGED FROM 22 TO 23.
17. ADDED CAT C MINIMUMS. - ATC REQUESTS.
18. ADDED ALTERNATE MINIMUMS - LOCAL WEATHER SOURCE ON WMSCR.
19. DELETED BACKUP ALTIMETER SETTING NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.
20. H-I-L ALTITUDE RAISED FROM 4500 TO 4600 - ATC REQUEST.
21. STEPDOWN RAISED FROM 1320 TO 1340 - NEW OBSTACLE EVALUATION.
22. ADDED VDP - LOCAL ALTIMETER SOURCE ON WMSCR.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, PFKT AMGR

FLIGHT CHECKED BY

THOMAS CONKLIN

DEVELOPED BY

LONNIE EVERHART (MARSHALL SCOTT)

APPROVED BY

LONNIE EVERHART

OFFICE

FICO

OFFICE

AJV-5400

OFFICE

AJV-5400

DATE

10/23/18

DATE

06/12/2018

DATE

Digitally signed by
ROBERT G HAMILTON
Oct 29, 2018

Digitally signed by
ROBERT G HAMILTON
Oct 29, 2018

Digitally signed by
ROBERT G HAMILTON
Oct 29, 2018

TITLE
MANAGER



AIRPORT

BREVIG MISSION

AIRPORT ID

PFKT

PROCEDURE NAME

RNAV (GPS) RWY 30

ORIGINAL/AMENDMENT

1

CITY

BREVIG MISSION

STATE

AK



FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PFKT
RUNWAY	RW30
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W30A
LTP/FTP LATITUDE	651941.6625N
LTP/FTP LONGITUDE	1662724.5195W
LTP/FTP ELLIPSOIDAL HEIGHT	+00147
FPAP LATITUDE	652038.3400N
FPAP LONGITUDE	1663008.1200W
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)	50.0
CRC REMAINDER	AD2C5170
ADDITIONAL PATH POINT RECORD INFORMATION	
ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00106
FPAP ORTHOMETRIC HEIGHT	+00106

