

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 12	<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SUPERSEDED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 12	<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>	

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 030/30 CW 210/30	NOPT	WIGBO	IF/IAF	5100
2. 210/30 CW 300/30		ZOBOL	IAF	5100
3. 300/30 CW 030/30		JOVDO	IAF	5100

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>
JOVDO	IAF	WIGBO	NOPT	TF	FB	1.00	030.23	6.50	5100
ZOBOL	IAF	WIGBO	NOPT	TF	FB	1.00	210.15	6.50	5100
WIGBO	IF/IAF	WOPAK		TF	FB	1.00	120.23	4.00	3900
WOPAK		CUTIR		TF	FB	1.00	120.35	4.00	2700
CUTIR	FAF	DIBAC/4.00 NM TO RW12		TF	FB	0.30	120.46	3.92	
DIBAC/4.00 NM TO RW12		RW12	MAP	TF	FO	0.30	120.46	4.00	
RW12	MAP	287 MSL		CA			120.46		
287 MSL		CUSEW		DF	FO	1.00			6300



MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6300 DIRECT CUSEW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)				
2.	HOLD NW WIGBO, RT, 120.23 INBOUND, 5100 FT. IN LIEU OF PT (IAF), MAX 6000.							
3. FAC:	120.46	FAF: CUTIR	DIST FAF TO MAP: 7.92	DIST FAF TO THLD: 7.92				
4. MIN ALT:	WIGBO 5100, WOPAK 3900, CUTIR 2700, DIBAC/4.00 NM TO RW12 1360*							
5. DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	250 HAT: 0.66	GS ANT:		
6. MIN GP INCPT: 2700		GP ALT AT FAF : CUTIR 2700		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 OF RWYS 12 AND 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:

CHART CIRCLING ICON.
CHART VDP AT 0.89 NM TO RW12*
*LNAV ONLY
WAAS CHANNEL #77628
REFERENCE PATH ID: W12A
CHART FAS OBST: 99 TOWER 651958N/1662908W.
HOLD SE, RT, 301.13 INBOUND
LTP HAE: 15.2 M



MINIMUMS:

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

ALTERNATE: NA STANDARD

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	250	287	1	250		NA			NA					
LNAV/VNAV DA	287	1	250	287	1	250		NA			NA					
LNAV MDA	360	1	323	360	1	323		NA			NA					
CIRCLING	620	1	582	1460	1 1/2	1422		NA			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 NOTE: RNP APCH - CRITERIA CHANGE.
4. UPDATED RWY 22 TO RWY 23 ON 8260-3 AND 8260-9. - RUNWAY MAGVAR CHANGE.
5. ADDED NEW FIXES TO PROCEDURE FOR TAA. - TAA CHANGED FROM AN I TO A T.
6. CHANGED MISSED APPROACH FROM CLIMB TO 6200 DIRECT GUSPE AND HOLD, CONTINUE TO CLIMB-IN-HOLD TO 6200 TO CLIMB TO 6300 DIRECT CUSEW AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300. - CLEAR CLIMB-IN-HOLD LEVEL SURFACE OBSTACLE.
7. REPLACED INITIAL APPROACH FIX BEVEH WITH WIGBO. - FIX MOVED MORE THAN 1 NM.
8. ADDED APPROACH FIX ZOBOL (LEFT BASE). - TAA INITIAL SEGMENT ADDED PER ATC.
9. ADDED INITIAL APPROACH FIX JOVDO (RIGHT BASE).- TAA INITIAL SEGMENT ADDED PER ATC.
10. LPV MINIMUMS CHANGED FROM 288/HAT 251 TO 287/HAT 250, AND VISIBILITY RAISED FROM 7/8 SM TO 1 SM. - FAF INCREASED 2600 TO 2700.
11. LNAV/VNAV LINE OF MINIMA 287/HAT250, VISIBILITY 1SM. - LNAV/VNAV MINIMA ADDED TO PROCEDURE.
12. LNAV MINIMA DECREASE FROM 700/ HAT 663 TO 360/HAT 323. - FAF INCREASED 2600 TO 2700.
13. CIRCLING CAT A DECREASED FROM 700/HAA 662 TO 400/HAA 362. - NEW CONTROLLING OBSTACLE IDENTIFIED
14. CIRCLING CAT B INCREASED FROM 700/HAA 662 TO 1460/HAA 1422, VISIBILITY 1SM TO 1 1/2 SM. - NEW CONTROLLING OBSTACLE USED.
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 5/8215 AND UPDATED RWY DESIGNATOR FROM 22 TO 23.
17. DELETED BACKUP ALTIMETER SETTING NOTE - MOVED TO -9 AS A CONTINGENCY NOTE.
18. H-I-L ALTITUDE RAISED FROM 4500 TO 5100 - ATC REQUEST.
19. FAF ALTITUDE RAISED FROM 2600 TO 2700 - ATC REQUEST.
20. STEPDOWN RAISED FROM 1340 TO 1360 - STABILIZED DESCENT ANGLE.
21. ADDED VDP - ADDED ALTERNATE MINIMUMS - LOCAL WEATHER SOURCE ON WMSCR.
22. ADDED NOTE: "CHART CIRCLING ICON" - NEW CIRCLING CRITERIA APPLIED.



COORDINATED WITH:

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

FLIGHT CHECKED BY

THOMAS CONKLIN

Digitally signed by

ROBERT G HAMILTON

Oct 29, 2018

OFFICE

FICO

DATE

10/23/18

DEVELOPED BY

LONNIE EVERHART (MARSHALL SCOTT)

Digitally signed by

ROBERT G HAMILTON

Oct 29, 2018

OFFICE

AJV-5400

DATE

06/11/2018

APPROVED BY

LONNIE EVERHART

Digitally signed by

ROBERT G HAMILTON

Oct 29, 2018

OFFICE

AJV-5400

DATE

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	PFKT
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	652000.4465N
LTP/FTP LONGITUDE	1662818.7100W
LTP/FTP ELLIPSOIDAL HEIGHT	+00152
FPAP LATITUDE	651903.7300N
FPAP LONGITUDE	1662535.2400W
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	99A95C37

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	PA
LTP ORTHOMETRIC HEIGHT	+00111
FPAP ORTHOMETRIC HEIGHT	+00111

