

**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 ID</u> PFKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> 1A	<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SUPERSEDED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> 1	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 9E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
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

QUALITY
16
CHECKED

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 1400*					
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.63	GS ANT:
6. MIN GP INCPT:	2700	GP ALT AT FAF :	CUTIR 2700	OM:	MM:
7. GP ANGLE:	3.12	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 40.0	IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA N 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:

HOLD SE, RT, 301.13 INBOUND.
CHART FAS OBST: 99 TOWER 651958N/1662908W.
CHART VDP AT 0.85 NM TO RW12*
*LNAV ONLY.
WAAS CHANNEL # 77628
REFERENCE PATH ID: W12A
CHART CIRCLING ICON.
LTP HAE: 15.2 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 1500-2, 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	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. CHANGED PROFILE LINE 5 FROM 250 HAT: 0.66 TO 250 HAT: 0.63, PROFILE LINE 7 GLIDE PATH ANGLE FROM 3.00 TO 3.12 - NEW PROCEDURE EVALUATION/INCORPORATES NOTAM 9/0778.
2. CHANGED ADDITIONAL FLIGHT DATA NOTE FROM CHART VDP AT 0.89 NM TO RW12* TO CHART VDP AT 0.85 NM TO RW12* - NEW OBSTACLE EVALUATION WITH 3.12 GPA.
3. UPDATED FAS DATA: FPAP LAT/LONG CHANGED FROM 651903.7300N/1662535.2400W TO 651903.7370N/1662535.2190W, GPA CHANGED FROM 3.00 TO 3.12, CRC REMAINDER CHANGED FROM 99A95C37 TO 9E06D4E1 - NEW PROCEDURE EVALUATION/INCORPORATES NOTAM 9/0778.
4. CHANGED ALTERNATE MINIMA STATEMENT FROM STANDARD TO STANDARD - CAT B 1500-2, NA WHEN LOCAL WEATHER NOT AVAILABLE - IAW 8260.19H 8-6-11B(4).
5. CHANGED PROFILE VIEW LINE 5 FROM "DIBAC/4.00 NM TO RW12 1360*" TO "DIBAC/4.00 NM TO RW12 1400*" - CRITERIA CALCULATOR.

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZAN, PFKT AMGR**FLIGHT CHECKED BY**

BRANDON VANDERSCHAAF

Digitally signed by

DAVID TEFFETELLER

Aug 23, 2021

OFFICE

FICO

DATE

04/20/2021

DEVELOPED BY

WARDELL HENNING (RICHARD CHRISTENSEN)

Digitally signed by

DAVID TEFFETELLER

Aug 23, 2021

OFFICE

AJV-A432

DATE

07/08/2020

APPROVED BY

LONNIE EVERHART

Digitally signed by

DAVID TEFFETELLER

Aug 23, 2021

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	PDKT
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	651903.7370N
FPAP LONGITUDE	1662535.2190W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.12
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1840
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	9E06D4E1

ADDITIONAL PATH POINT RECORD INFORMATION

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

