

**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><b>AIRPORT ID</b></u> PFKT	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>CITY</b></u> BREVIG MISSION	<u><b>STATE</b></u> AK		
<u><b>AIRPORT ELEVATION</b></u> 38	<u><b>TDZE</b></u> 37	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 12	<u><b>ORIGINAL/AMENDMENT</b></u> 1	<u><b>DATED</b></u> 01/03/2019	<u><b>MAG VAR</b></u> 9E	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u>	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
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**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
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.

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
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



FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> PFKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>AMDT NO.</u> 1A	<u>CITY</u> BREVIG MISSION	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 38	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM  
030/30 CW 210/30

TO  
WIGBO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.AAO	653218.10N/1670830.00W		3098	1000	20	6C	2000					5100
2.TERRAIN	653218.10N/1670830.00W		2898 (2900)								AS1500	4400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

LEFT BASE AREA

FROM  
210/30 CW 300/30

TO  
ZOBOL

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.AAO	655519.00N/1661432.90W		2525	1000	20	6C	2000				AT575	5100
4.TERRAIN	655519.00N/1661432.90W		2325 (2300)								AS1500	3800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



RIGHT BASE AREA

FROM  
300/30 CW 030/30

TO  
JOVDO

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	652624.70N/1670747.80W		2235	1000	20	6C	2000				AT865	5100
6.TERRAIN	652624.70N/1670747.80W		2035 (2000)								AS1500	3500

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

INITIAL

FROM  
JOVDO

TO  
WIGBO

<u>RNP</u>	<u>DISTANCE</u> 6.50	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.AAO	652851.00N/1670612.00W		2300	1000	20	6C	1000				AT1650 PR150	5100
8.TERRAIN	652851.00N/1670612.00W		2100 (2100)								AS1500	3600

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



INITIAL

FROM

ZOBOL

TO

WIGBO

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.50											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.AAO	653048.00N/1670148.00W		2136	250	50	4D	1000				PR150 AT1814	5100
10.TERRAIN	653048.00N/1670148.00W		1936 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

WIGBO (IF/IAF)

TO

WOPAK

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
11.AAO	653048.16N/1670148.00W		2080	164	98	4E	500				AC98 PR120 AT1102	3900
12.TERRAIN	653048.16N/1670148.00W		1880 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: STEPDOWN

FROM  
WOPAK

TO  
CUTIR

RNP	DISTANCE 4.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
13.AAO	652627.78N/1664038.00W		1249	164	98	4E	500				SA-140 AC98 AT993	2700
14.TERRAIN	652627.78N/1664038.00W		1049 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

IR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LPV

FROM  
CUTIR

TO  
RW12

RNP	DISTANCE 3.92	PAT	MAP DA	HAT 250			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				287

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

IR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:





FINAL: LNAV/VNAV

FROM

CUTIR

TO

RW12

<u>RNP</u>	<u>DISTANCE</u> 7.92	<u>PAT</u>	<u>MAP</u> DA	<u>HAT</u> 250			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				287

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: LNAV

FROM

CUTIR

TO

DIBAC/4.00 NM TO RW12

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.92										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
13.AAO	652627.78N/1664038.00W	1249	50	20	2C	250				XL97 SA-336 RA60 DG80	1400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM  
DIBAC/4.00 NM TO RW12

TO  
RW12

RNP	DISTANCE 4.00	PAT	MAP RW12	HAT 323			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
15.TOWER (02-020033)	651958.23N/1662907.76W		99	20	3	1A	250					360

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

HOLD-IN-LIEU OF PT

FROM  
WIGBO

TO  
P-6

RNP	DISTANCE	PAT P-6	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
1.AAO	653218.10N/1670830.00W		3098	1000	20	6C	1000				AT1002	5100
2.TERRAIN	653218.10N/1670830.00W		2898 (2900)								AS1500	4400

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LPV

FROM  
DA

TO  
CUSEW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 97					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6300
16.AAO	651145.00N/1660518.00W		1211	164	98	4E	1000					2300
17.TERRAIN	651145.00N/1660518.00W		1010 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : LNAV/VNAV

FROM  
DA

TO  
CUSEW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 145					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6300
16.AAO	651145.00N/1660518.00W		1211	164	98	4E	1000					2300
17.TERRAIN	651145.00N/1660518.00W		1010 (1000)								AS1500	2500

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM

RW12

TO

CUSEW

RNP	DISTANCE	PAT	MAP	HAT			HMAS 260					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6300
16.AAO	651145.00N/1660518.00W		1211	164	98	4E	1000					2300
17.TERRAIN	651145.00N/1660518.00W		1010 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☒ CAT A

☒ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
18.TREE	652041.82N/1662524.50W	1.30	582	314	50	20	2C	300			620
CATEGORY B											
19.AAO	652111.56N/1662455.77W	1.82	1422	1099	50	20	2C	300		XP61	1460

CIRCLING REMARKS:

XP61: TO MAINTAIN CURRENT PUBLISHED MINIMA.

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
ZAN ARTCC, OME FSS

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> PFKT	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PFKT	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> PATE	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> PATE	<u>DISTANCE</u> 6.32	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 51

WX REMARKS:  
RASS PRESSURE PATTERNS THE SAME  
PFKT 38, PATE 299  
RA = 50.8.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>		<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW12 - MIRL (PCL)			
RW30 - MIRL (PCL)			
RW05 - MIRL (PCL)		NSTD-F	
RW23 - MIRL (PCL)		NSTD-F	

<u>GLIDESLOPE ANGLE</u> 3.12	<u>ELEV RWY THRESHOLD</u> 36.5	<u>TCH</u> 40.0	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u> -25C	<u>CRITICAL HIGH</u> +54C	<u>ACT</u> -25C	<u>APT ISA</u> +14.92C
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CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM STANDARD -40C ISA DEVIATION.  
CRITICAL LOW TEMPERATURE BASED ON ACT.  
DESCENT RATE (FPM): STANDARD TEMP 738 HIGH TEMP 1124.



"VISUAL PORTION OF FINAL" PENETRATIONS

Final Type	RWY 23 CIRCLING		
20:1			
558 TERRAIN (02-254663) 652055.00N/1662420.22W (20.01)		552 TERRAIN (02-028163) 652052.76N/1662416.40W (13.96)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or  
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

AVERAGE VEGETATION HEIGHT 60' PER WESTERN FPT.

MINIMUM LPV HAT 250 BASED ON CURRENT WAAS COVERAGE, WILL EVALUATE NEXT FULL AMENDMENT.  
APPROVAL FOR LPV TO GRAVEL RUNWAY RECEIVED FROM AWO AND CONFIRMED 10/03/2011.

CONTINGENCY NOTES:  
WHEN LOCAL ALTIMETER NOT RECEIVED, USE TELLER ALTIMETER SETTING AND INCREASE LPV AND LNAV/VNAV DA TO 338 FEET, AND INCREASE ALL MDA 60 FEET.  
VDP AND BARO-VNAV NA WHEN USING TELLER ALTIMETER SETTING.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT ID</u> PFKT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>AMDT NO.</u> 1A	<u>CITY</u> BREVIG MISSION	<u>STATE</u> AK	<u>AIRPORT ELEVATION</u> 38	<u>FACILITY</u> RNAV
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.87
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	129.46
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	300
DISTANCE FROM	THLD	TO 1500FT POINT	6.12
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	129.46
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	300

THRESHOLD  
COORDINATES  
(IF STR-IN)

652000.45N/1662818.71W

ARP COORDINATES

651952.80N/1662756.60W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 30 DISTANCE 0.29 NM

FAF  
COORDINATES

652502.29N/1664254.29W

FIX NAME  
COORDINATES

IAF JOVDO: 652504.83N/1670736.02W, IAF ZOBOL: 653507.31N/1664752.84W, IF/IAF WIGBO: 653005.58N/1665743.92W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED  
TAA STRAIGHT-IN  
030/30 CW 210/30 TO WIGBO  
TAA LEFTBASE  
210/30 CW 300/30 TO ZOBOL  
TAA RIGHTBASE  
300/30 CW 030/30 TO JOVDO

QUALITY  
16  
CHECKED

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Electronic Version

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PART E: PREPARED BY

<u>NAME</u> WARDELL HENNING (RICHARD CHRISTENSEN)	<u>OFFICE</u> AJV-A432	<u>DATE</u> 07/08/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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