

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> BREMERTON NTL	<u>AIRPORT ID</u> KPWT	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2B	<u>CITY</u> BREMERTON	<u>STATE</u> WA	
<u>AIRPORT ELEVATION</u> 444	<u>TDZE</u> 444	<u>SUPERSEDED</u> RNAV (GPS) RWY 2	<u>ORIGINAL/AMENDMENT</u> 2A	<u>DATED</u> 03/02/2017	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
SANDR	IAF	ZOLGI	NOPT	TF	FB	1.00	052.63	18.23	4000
OLM VORTAC	IAF	ZOLGI	NOPT	TF	FB	1.00	339.37	18.15	4000
ZOLGI	IF/IAF	CEBOD		TF	FB	1.00	009.77	9.33	2100
CEBOD	FAF	RW02	MAP	TF	FO	0.30	016.72	5.02	
RW02	MAP	1200 MSL		CA			016.72		1200
1200 MSL		ZOLGI		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV/VNAV: DA
 LNAV: RW02

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 4000 DIRECT ZOLGI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW ZOLGI, RT, 052.94 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC:

016.72

FAF: CEBOD

DIST FAF TO MAP: 5.02

DIST FAF TO THLD: 5.02

4. MIN ALT: ZOLGI 4000, CEBOD 2100

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

328 HAT: 0.85

GS ANT:

6. MIN GP INCPT:

2100

GP ALT AT FAF :

CEBOD 2100

OM:

MM:

IM:

7. GP ANGLE:

3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 56.0

8. MSA FROM: RW02 8900

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: CIRCLING NA FOR CATS C AND D W OF RWY 2-20.
CHART NOTE: RWY 2 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SANDR ON V27 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON OLM VORTAC AIRWAY RADIALS 346 CW 012.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART VDP AT 2.10 NM TO RW02*
*LNAV ONLY
CHART FAS OBST: 654 TREE 472847N/1224547W.
WAAS CHANNEL # 49232
REFERENCE PATH ID: W02A
LTP HAE: 113.3 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800-2 1/2, 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	772	1	328	772	1	328	772	1	328	772	1	328			
LNAV/VNAV DA	913	1 1/2	469	913	1 1/2	469	913	1 1/2	469	913	1 1/2	469			
LNAV MDA	1160	1	716	1160	1	716	1160	2	716	1160	2	716			
CIRCLING	1160	1	716	1160	1	716	1160	2	716	1240	2 1/2	796			

QUALITY
21
CHECKED

CHANGES - REASONS

- 1. ADDED MAX HOLDING 6000 AT ZOLGI - MAX ALTITUDE FROM 8260-2.
- 2. ADDED "20:1 IS CLEAR" TO 8260.3 LINE 7 - IAW 8260.19H, PARA 8-6-7G(3).
- 3. ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - IAW 8260.19H, PARA 8-6-8B(1) AND MEMO 266 DATED 7/18/2018.
- 4. DELETED "CHART NOTE: DME/DME RNP-0.3 NA" - IAW 8260.19H, PARA 4-6-10E AND MEMO 266 DATED 7/18/2018
- 5. ADDED "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C OR ABOVE 54C." - IAW 8260.19H PARA 8-6-9S.
- 6. MOVED ALL REFERENCE OF SEATTLE-TACOMA INTERNATIONAL ALTIMETER SETTING TO -9 - LOCAL WEATHER TRANSMITTED ON WMSCR AND DEEMED RELIABLE.
- 7. CHANGED FAS OBSTACLE FROM "626 TREE 472853N/1224559W." TO "654 TREE 472847N/1224547W." - UPDATED EVALUATION, NEW OBSTACLE DATA.
- 8. CHANGED CRC REMAINDER FROM DD4993DE TO 4F36C4F8 - UPDATED LTP/FTP LAT/LONG FROM 472859.9770N/ 1224616.9740W TO 472859.9775N/ 1224616.9695W, MOVED 0.31FT.
- 9. CHANGED FPAP LOCATION FROM 473014.8495N/ 1224505.8415W TO 473014.8556N/ 1224505.8487W - UPDATED EVALUATION.
- 10. AIRPORT NAME CHANGED FROM 'BREMERTON NATIONAL' TO 'BREMERTON NTL' - PER AIRNAV DATA.
- 11. CHANGED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT OLM VORTAC ON V187 SOUTHBOUND" TO "PROCEDURE NA FOR ARRIVAL ON OLM VORTAC AIRWAY RADIALS 346 CW 012." - MAXIMUM ALLOWABLE COURSE CHANGE IS 90 DEGREES, DOCUMENTED IAW 8260.19H PARA 8-2-5(E).
- 12. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SANDR ON V27 SOUTHWEST BOUND" - MAXIMUM ALLOWABLE COURSE CHANGE IS 90 DEGREES, THIS TURN IS MORE THAN 90 DEGREES WHICH IS PROHIBITED, DOCUMENTED IAW 8260.19H PARA 8-2-5(E).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZSE, WA AERO, ARPT MGR, SEA APP CON

FLIGHT CHECKED BY

JORDAN ROLIH

Digitally signed by
DAVID TEFFETELLER
Dec 07, 2020

OFFICE
FICO
DATE
12/2/2020

DEVELOPED BY

DAVID TEFFETELLER (GUY COPELAND)

Digitally signed by
DAVID TEFFETELLER
Dec 07, 2020

OFFICE
AJV-A433
DATE
04/05/2020

APPROVED BY

GEORGE DAVIS

Digitally signed by
DAVID TEFFETELLER
Dec 07, 2020

OFFICE
AJV-A430

DATE

TITLE
MANAGER

QUALITY
21
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KPWT
RUNWAY	RW02
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W02A
LTP/FTP LATITUDE	472859.9775N
LTP/FTP LONGITUDE	1224616.9695W
LTP/FTP ELLIPSOIDAL HEIGHT	+01133
FPAP LATITUDE	473014.8555N
FPAP LONGITUDE	1224505.8485W
THRESHOLD CROSSING HEIGHT (TCH)	00056.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	4F36C4F8

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K1
LTP ORTHOMETRIC HEIGHT	+01353
FPAP ORTHOMETRIC HEIGHT	+01353

