

<b>Flight Procedure Tracking Form</b>		<b>Action:</b> FLIGHT CHECK	<b>Task Type:</b> TEXTUAL DP	<b>Date Open:</b> 01/30/2012	<b>Task #:</b> 2010110822144502001	<b>Request #:</b> 20101108221445
<b>Procedure:</b> BREMERTON WA KPWT AMDT 4			<b>Airport ID:</b> KPWT	<b>Airport:</b> BREMERTON NATIONAL		<b>Reimbursable #:</b>
<b>City:</b> BREMERTON		<b>ST:</b> WA	<b>GPS #:</b>	<b>Estimated Chart Date:</b> 06/27/2013		<b>FICO #:</b>
<b>Fac ID:</b>		<b>Fac. Type:</b> <i>Proct</i>	<b>Specialist:</b> BRUCE MURR(Contractor)			

**Procedure Review**

	Rec'd	Rel'd	Full Name	Comments
<b>Lead:</b>	12/09/2012	03/21/2013	KYLE THOMPSON	<b>MAG VAR</b> <i>93</i>
<b>QA:</b>	03/21/2013	04/01/2013	SCOTT BEARD	
<b>Liaison:</b>	04/01/2013		<i>Spurion</i> <b>MAGVAR</b>	

<b>Procedure Comments:</b>	ENROUTE-NON	<b>Remark Type:</b> INFORMATION	<i>pg 5 of 5</i>
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BREMERTON, WA BREMERTON NATIONAL (KPWT) TAKEOFF DEP/MINS, AMDT 4 ENROUTE-NO FC: 5.14.13 PUB: 6.27.13

ATTACHED FORMS: 8260-15A; 8260-2(S): CARNEY (CAN) NDB, REV 8.

CONTACT: PETE GETZ/LONNIE EVERHART-AVN-130 LEADS, 405.954.2079/ 405.954.4576.

U.S. DEPARTMENT OF TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION  
**TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

City, State	Airport	Effective Date	Amdt. No.
BREMERTON, WA	BREMERTON NATIONAL		4

**TAKEOFF MINIMUMS:**

**RWY 2**, 300-1 OR STANDARD , WITH MINIMUM CLIMB OF 410 FT PER NM TO 700.  
**RWY 20**, STANDARD.

**TEXTUAL DEPARTURE PROCEDURES:**

**RWY 2**, CLIMBING RIGHT TURN TO 6000 DIRECT CAN NDB, THENCE...  
**RWY 20**, CLIMB TO 6000 DIRECT CAN NDB, THENCE...  
...CONTINUE CLIMB IN HOLD (S, LT, 013° INBOUND) TO 6000 BEFORE PROCEEDING ON COURSE.

**TAKEOFF OBSTACLE NOTES:**

**RWY 2**, BUSHES 380 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 17 FT AGL/456 FT MSL. TREES BEGINNING 1011 FT FROM DER, 709 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/599 FT MSL. TREES BEGINNING 1209 FT FROM DER, 621 FT LEFT OF CENTERLINE UP TO 120 FT AGL/561 FT MSL .  
**RWY 20**, BUSHES BEGINNING 1 FT FROM DER, 488 FT LEFT OF CENTERLINE, UP TO 11 FT AGL/462 FT MSL. TREES BEGINNING 177 FT FROM DER, 379 FT LEFT OF CENTERLINE UP TO 120 FT AGL/514 FT MSL. TREES BEGINNING 372 FT FROM DER, 277 FT RIGHT OF CENTERLINE, UP TO 120 FT AGL/555 FT MSL.

**CONTROLLING OBSTACLES:**

**RWY 2**, 599 MSL TREE 473009.89N/1224452.35W

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 2, 20 - 2395 FT MSL TOWER 473253.00N/1224827.00W, 8074 MSL AAO 474850.42N/1231354.60W.



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BREMERTON, WA	BREMERTON NATIONAL		4

**REMARKS:**

**FLIGHT INSPECTED BY:**

**REQUIRED EFFECTIVE DATE:**

ROUTINE

**DEVELOPED BY:**

PETER GETZ (BRUCE MURR)      AJV-354      2/22/2013

**APPROVED BY:**

DEBORAH COPELAND      AJV-354

**COORDINATED WITH:**

ALPA, AOPA, NBAA, ZMP, AMGR

**CHANGES:**

1. CHANGED RWY NUMBERS FROM RWY 1/19 TO RWY 2/20
2. UPDATED TAKEOFF OBSTACLE NOTES.

**REASONS:**

1. MAGVAR CHANGE FROM 20E TO 16E
2. NEW OBSTACLE DATA.



# RADIO FIX AND HOLDING DATA RECORD

**NAME:** CARNEY NDB

**STATE:** WA

**COUNTRY:** US

**LATITUDE/LONGITUDE:** 472438.09N/1225019.87W

**TYPE:**

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	CARNEY	CAN	NDB	MH							17500

**HOLDING:**

**HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	S	CAN	NDB	193.00	013.00	L	1	6000	10000	4	9

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	472109.00N/1230024.00W	850	4E
1	310	TOWER (53-000358)	473253.00N/1224827.00W	2395	5E

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KPWT	BREMERTON	WA (US)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	KPWT	BREMERTON	WA (US)

**REQUIRED CHARTING:** DP, CONTROLLER, EN ROUTE LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8

**DATE OF REVISION:** 06/27/2013

**REASON FOR REVISION:**

UPDATED FIX USE.  
 UPDATED LAT/LONG.  
 RAISED MINIMUM HOLDING ALTITUDE.  
 UPDATED HOLDING AND PRECIPITOUS TERRAIN REMARKS.

**DEVELOPED BY:**                      **DATE:** 02/13/2013                      **OFFICE:** AJV-354                      **NAME:** PETER GETZ (BRUCE MURR)

**APPROVED BY:**                      **DATE:**                      **OFFICE:** AJV-354                      **NAME:** DEBORAH COPELAND

**SIGNATURE:**

**DISTRIBUTION:**                      NFDC  
    FPO: WST  
    ARTCC: ZSE  
    ATC FACILITY: SEA APCH  
    OTHER:

