

**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> KVUO	<u>PROCEDURE NAME</u> RNAV (GPS)-B	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> VANCOUVER	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 29	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u> NONE	<u>DATED</u>	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 19 MAY 2022	<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>
COUGA		TOUTL		TF	FB	1.00	111.00	6.84	9000
TOUTL	IAF	HAGIR	NOPT	TF	FB	1.00	162.44	10.49	4500
OJUMU	IAF	YACLT	NOPT	TF	FB	1.00	240.14	10.00	5500
YACLT		HAGIR		TF	FB	1.00	239.97	5.69	4500
HAGIR	IF/IAF	BATYL		TF	FB	1.00	183.73	6.43	2600
BATYL		JABKI		TF	FB	1.00	183.73	2.65	1800
JABKI	FAF	ACDEP/3.16 NM TO NUTOE		TF	FB	0.30	183.82	2.27	
ACDEP/3.16 NM TO NUTOE		NUTOE	MAP	TF	FO	0.30	183.82	3.16	
NUTOE	MAP	900 MSL		CA			183.82		900
900 MSL		GLARA		DF	FO	1.00			5000

**MISSED APPROACH**

**MAP:**  
NUTOE

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 900 THEN CLIMBING LEFT TURN TO 5000 DIRECT GLARA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD N HAGIR, RT, 183.73 INBOUND, 4500 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC:

183.82

FAF:

JABKI

DIST FAF TO MAP:

5.43

DIST FAF TO THLD:

4. MIN ALT:   HAGIR 4500, BATYL 2600, JABKI 1800, ACDEP/3.16 NM TO NUTOE 1200

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM:   ARP KVUO 5600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT COUGA ON V23-287 NORTH BOUND AND T276 NORTHWEST BOUND, AND ARRIVALS AT TOUTL ON V495 NORTH BOUND, AND ARRIVALS AT OJUMU ON V448 NORTHEAST BOUND.  
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE PORTLAND INTL ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.  
HOLD N, RT, 160.00 INBOUND.  
CHART FAS OBST: 377 TOWER (53-098227) 453907N/1223808W.  
CHART 445 TOWER 454021N/1223738W.

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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
CIRCLING	720	1	691	740	1	711		NA			NA				

CHANGES - REASONS

1. ORIGINAL PROCEDURE.



AIRPORT ID  
KVUO

PROCEDURE NAME  
RNAV (GPS)-B

ORIGINAL/AMENDMENT  
ORIG

CITY  
VANCOUVER

STATE  
WA

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZSE, PDX ATCT, ARPT MGR, ST AERO

FLIGHT CHECKED BY

THOMAS E MOLOKIE

*Digitally signed by*

**DONALD H LANIER**

Mar 09, 2022

OFFICE

FPO

DATE

03/07/2022

DEVELOPED BY

DONALD H. LANIER (MICHAEL MCCARTNEY)

*Digitally signed by*

**DONALD H LANIER**

OFFICE

AJV-A431

DATE

01/11/2022

APPROVED BY

LONNIE EVERHART

*Digitally signed by*

**DONALD H LANIER**

Mar 09, 2022

OFFICE

AJV-A430

DATE

TITLE  
MANAGER

Mar 09, 2022

