

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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> KBLI	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 34	<u>ORIGINAL/AMENDMENT</u> 1B	<u>CITY</u> BELLINGHAM	<u>STATE</u> WA		
<u>AIRPORT ELEVATION</u> 171	<u>TDZE</u> 171	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 34	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 16E	<u>EPOCH YEAR</u> 2020
<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>
IWANY	IAF	TUBTY		TF	FB	1.00	313.28	8.04	3000
ZEJYA	IAF	ISUWU		TF	FB	0.30	109.79	6.68	1900
TUBTY	IF	OHADO		TF	FB	1.00	343.85	6.60	2200
OHADO		UPEKE	PFAF	TF	FB	0.50	343.85	2.83	1300
ISUWU	IF	UPEKE	PFAF	RF	FB	0.30	(2.29 NM RADIUS CCW (CFFVN))	5.03	1300
UPEKE	PFAF	RW34	MAP	TF	FO	0.30	343.85	3.39	
RW34	MAP	700 MSL		CA			343.85		700
700 MSL		HUH VORTAC		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 3000 DIRECT WHATCOM VORTAC AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT UPEKE

3. FAC: 343.85

PFAF: UPEKE

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: UPEKE 1300

5. DIST TO THLD FROM OM: 3.39

MM:

IM:

150 HAT:

292 HAT: 0.76

GS ANT:

6. MIN GP INCPT: 1300

GP ALT AT PFAF : UPEKE 1300

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH: 50.0

8. MSA FROM: RW34 12000

PBN REQUIREMENTS NOTE:

RNP AR APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -7°C OR ABOVE 54°C.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART PLANVIEW NOTE AT IWANY: (RNP 0.50).  
CHART PLANVIEW NOTE AT ZEJYA: (RNP 0.30)  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT IWANY ON V23 SOUTHBOUND.  
CHART PLANVIEW NOTE AT ISUWU: DO NOT EXCEED 180 KIAS UNTIL UPEKE.

ADDITIONAL FLIGHT DATA:

HOLD NW, RT, 149.00 INBOUND.

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
AUTHORIZATION REQUIRED															
RNP 0.11 DA	463	7/8	292	463	7/8	292	463	7/8	292	463	7/8	292			
RNP 0.30 DA	578	1 3/8	407	578	1 3/8	407	578	1 3/8	407	578	1 3/8	407			



**CHANGES - REASONS**

1. UPDATED PBN REQUIREMENTS NOTES FROM "RNP AR APCH" TO "RNP AR APCH - GPS." - IAW 8260.19I 8-6-8 B(1).
2. UPDATED LOW TEMPERATURE FOR CHART NOTE FOR UNCOMPENSATED BARO-VNAV SYSTEMS FROM -10 TO -7. - UPDATED WEATHER STUDY (2017-2020) USED FOR SLOPE CALCULATIONS AND TO DETERMINE UPPER/LOWER TEMPERATURE LIMITS FOR UNCOMPENSATED BARO-VNAV SYSTEMS..
3. REMOVED CHART NOTE: CHART PLANVIEW NOTE ADJACENT TO IAF ZEJYA: RF REQUIRED. - NOT REQUIRED.
4. REMOVED CHART SPEED ICON IN PLANVIEW AT ISUWU: MAX 180 KIAS. ADDED CHART PLANVIEW NOTE AT ISUWU: DO NOT EXCEED 180 KIAS UNTIL UPEKE. - IAW 8260.19I 4-6-10 G.
5. DELETED ADDITIONAL FLIGHT DATA: "ROUTE TYPE: A, H," "ROUTE TYPE QUALIFIER 1: F" AND "ROUTE TYPE QUALIFIER 2: S." - NO LONGER A DOCUMENTATION REQUIREMENT.
6. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE TO ALTERNATE MINIMUMS. - 8260.19I 8-6-11 B(4).

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** YYJ APP CON, ZSE, BLI ATCT, AMGR, WFPT

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**OFFICE****DATE**

*Digitally signed by*  
**DAVID TEFFETELLER**  
Feb 15, 2022

**DEVELOPED BY**

JON DENTON (BARBARA GORMAN)

*Digitally signed by*

**DAVID TEFFETELLER**

Feb 15, 2022

**OFFICE**

AJV-A432

**DATE**

12/06/2021

**APPROVED BY**

LONNIE EVERHART

*Digitally signed by*

**DAVID TEFFETELLER**

Feb 15, 2022

**OFFICE**

AJV-A430

**DATE**

**TITLE**  
MANAGER