

**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> KPUW	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 23	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> PULLMAN/MOSCOW	<u>STATE</u> WA	
<u>AIRPORT ELEVATION</u> 2567	<u>TDZE</u> 2552	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 23	<u>ORIGINAL/AMENDMENT</u> 2	<u>DATED</u> 10/10/2019	<u>MAG VAR</u> 15E
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-21

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
CEPER		CESIN		TF	FB	1.00	269.80	17.33	6000
MQG VOR/DME		CESIN		TF	FB	1.00	353.51	9.79	6000
JETTS		CHEDD ←		TF	FB	1.00	174.48	8.33	6600
PUW VOR/DME		WALED		TF	FO	1.00	067.24	18.86	6000
CESIN	IAF	WALED	NOPT	TF	FB	1.00	359.20	10.71	5300
CHEDD ←	IAF	WALED	NOPT	TF	FB	1.00	195.42	8.20	5300
WALED	IF/IAF	TEGRE		TF	FB	1.00	273.12	7.40	4700
TEGRE		VNDEL		TF	FB	1.00	268.05	2.90	4000
VNDEL	FAF	JORER/1.71 NM TO WIMAP		TF	FB	0.30	239.06	1.61	
JORER/1.71 NM TO WIMAP		WIMAP	MAP	TF	FO	0.30	239.06	1.71	
WIMAP	MAP	3500 MSL		CA			239.06		3500
3500 MSL		WAZOO		DF	FO	1.00			5000

MISSED APPROACH

MAP:

LNAV: WIMAP

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3500 THEN CLIMBING LEFT TURN TO 5000 DIRECT WAZOO AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. TERMINAL ROUTES CHANGED ALL INSTANCES OF WAXIT TO WALED UPDATED ALL COURSES AND DISTANCES - FPT/ATC REQUEST.
2. TERMINAL ROUTES CHANGED JETTS - JAKLU TO JETTS - PALUE COURSE AND DISTANCE FROM 175.77/7.35 TO 174.48/8.33 - NEW INITIAL POINT FROM JETTS FPT/ATC REQUEST.
3. ADDED INTERMEDIATE STEPDOWN FIX TEGRE - FPT/ATC REQUEST.
4. TERMINAL ROUTES UPDATED FROM JORER/1.91 NM TO WIMAP TO JORER/1.71 NM TO WIMAP COURSE AND DISTANCE FROM 248.89/1.91 TO 239.06/1.71 - FPT/ATC REQUEST.
5. PROFILE LINE 2 UPDATED FROM HOLD E WAXIT, LT, 278.84 INBOUND, 5000 FT. IN LIEU OF PT (IAF), MAX 14000 TO HOLD E WALED, LT, 273.12 INBOUND, 5300 FT. IN LIEU OF PT (IF/IAF), MAX 14000 - NEW HOLD IN LIEU POINT PER FPT/ATC REQUEST.
6. PROFILE LINE 3 CHANGED FAC: FROM 248.89 TO 239.06 DIST FAF TO MAP FROM 5.29 TO 3.32 DIST FAF TO THLD FROM 5.78 TO 3.85 - VNDEL MOVED PER FPT/ATC REQUEST.
7. NOTES: REMOVED CHART NOTE: PROCEDURE NA AT NIGHT - VGSI APPROVAL LETTER TO MITIGATE 20:1 UNLIT OBSTACLES.
8. ADDITIONAL FLIGHT DATA: CHANGED CHART PLANVIEW NOTE FROM FINAL APPROACH COURSE OFFSET 19.22 DEGREES TO FINAL APPROACH COURSE OFFSET 9.42 DEGREES - FPT/ATC REQUEST MOVEMENT OF FAF.
9. ADDITIONAL FLIGHT DATA: CHANGED FAC CROSSES RWY C/L EXTENDED 3000 FT FROM THLD TO FAC CROSSES RWY C/L EXTENDED 3195 FT FROM THLD - OFFSET ANGLE CHANGED FROM 19.22 TO 9.42.
10. CHANGED ADDITIONAL FLIGHT DATA: FROM VNDEL TO RW23: 3.40/59 TO VNDEL TO RW23: 3.40/58 - FAF ALIGNED TO VGSI.
11. ADDED NOTE CHART NOTE: STRAIGHT-IN RWY 23 AT NIGHT, OPERATIONAL VGSI REQUIRED, REMAIN ON OR ABOVE VGSI GLIDEPATH UNTIL THRESHOLD - IAW 8260.19I 8-6-11 O (2)(H).
12. CHANGED PBN REQUIREMENTS NOTE FROM RNP APCH TO RNP APCH-GPS - IAW 8260.19I 8-6-8 C(2)(A).
13. PROFILE LINE 4 UPDATED FROM WAXIT 5000, VNDEL 4700, JORER/1.91 NM TO WIMAP 3480 TO WALED 5300, TEGRE 4800, VNDEL 4000, JORER/1.71 NM TO WIMAP 3440 - IAW 8260.19I 8-6-7 D.

06/17/2021: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/12/2021.

1. ADDED: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON PUW VOR/DME AIRWAY RADIALS 033 CW 120 - TURNS EXCEED 90 DEGREES.
2. ADDED: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MQG VOR/DME AIRWAY RADIALS 300 CW 054 - TURNS EXCEED 90 DEGREES.
3. ADDED: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CEPER ON V187 NORTHEAST BOUND, AND ARRIVALS AT JETTS ON V536 NORTHEAST BOUND - TURNS EXCEED 90 DEGREES.

08/19/21: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 07/19/21.

1. REPLACED ALL OCCURRENCES OF PALUE WITH CHEDD - FIX CHEDD PREVIOUSLY ESTABLISHED AT COORDINATES.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZSE, SEA FSS, STATE AERO

FLIGHT CHECKED BY
DANIEL CHARLES FAVORITE

Digitally signed by
JOHN BORDY
Aug 24, 2021

OFFICE
FIOG **DATE**
06/24/2021

DEVELOPED BY
JOHN BORDY (JOSHUA DUGAN)

Digitally signed by
JOHN BORDY
Aug 24, 2021

OFFICE
AJV-A422 **DATE**
04/12/2021

APPROVED BY
MARLON ROBINSON

Digitally signed by
JOHN BORDY
Aug 24, 2021

OFFICE **DATE** **TITLE**
AJV-A420 **MANAGER**

