

**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</u> SPOKANE INTL	<u>AIRPORT ID</u> KGEK	<u>PROCEDURE NAME</u> RNAV (RNP) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> SPOKANE	<u>STATE</u> WA	
<u>AIRPORT ELEVATION</u> 2385	<u>TDZE</u> 2376	<u>SUPERSEDED</u> RNAV (RNP) Z RWY 8	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 01/03/2019	<u>MAG VAR</u> 14E	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 APRIL 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
ROPES	IAF	HUBSI		TF	FB	1.00	254.92	13.95	6500
HUBSI	IF	JILEB		TF	FB	1.00	254.67	6.00	5000
JILEB		JUKDO		RF	FB	1.00	(2.50 NM RADIUS CW (CFDTL))	2.84	4300
ATOXE	IAF	ZOTAV		TF	FB	1.00	319.72	12.86	4300
ZOTAV	IF	JUKDO		TF	FB	1.00	319.62	2.00	4300
JUKDO		WESKU		RF	FB	1.00	(2.50 NM RADIUS CW (CFDTL))	2.56	4100
WESKU		HUREV		RF	FB	1.00	(2.50 NM RADIUS CW (CFDTL))	2.53	3400
JOMRU	IAF	WONEV		TF	FB	1.00	206.54	18.96	4600
WONEV	IF	ZINAG		TF	FB	1.00	206.31	2.00	4000
ZINAG		OMPIZ		RF	FB	1.00	(2.50 NM RADIUS CCW (CFDVB))	2.86	4000
OMPIZ		HUREV		RF	FB	1.00	(2.50 NM RADIUS CCW (CFDVB))	2.81	3400
ZOOMR		GANGS		TF	FB	2.00	058.97	16.00	5200
GANGS	IAF	ZANAT		TF	FB	1.00	036.58	10.88	4400
WOLDA	IAF	ZANAT		TF	FB	1.00	076.30	4.14	4400
ZANAT	IF	HUREV	PFAF	TF	FB	1.00	076.36	4.00	3400
HUREV	PFAF	RW08	MAP	TF	FO	0.30	076.43	3.03	
RW08	MAP	JERPU		TF	FB	1.00	076.49	6.07	
JERPU		OZALO		RF	FB	1.00	(4.80 NM RADIUS CCW (CFDXX))	8.29	



FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
OZALO		JOMRU		TF	FO	1.00	337.70	14.82	7000

**MISSED APPROACH****MAP:**

RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 7000 ON TRACK 076.49 TO JERPU, LEFT TURN TO OZALO, AND ON TRACK 337.74 TO JOMRU AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:****PROFILE:**

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HUREV
- FAC: 076.43 PFAF: DIST PFAF TO MAP: DIST PFAF TO THLD:
- MIN ALT: HUREV 3400
- DIST TO THLD FROM OM: 3.03 MM: IM: 150 HAT: 289 HAT: 0.72 GS ANT:
- MIN GP INCPT: 3400 GP ALT AT PFAF : HUREV 3400 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 60.0
- MSA FROM: RW08 7100

**PBN REQUIREMENTS NOTE:**RNP AR APCH.  
RF REQUIRED.**NOTES:**

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZOOMR ON V2-448 SOUTHWEST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JOMRU ON V112 NORTHBOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ATOXE ON V253 SOUTHEAST BOUND.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ROPES ON V2 EASTBOUND.  
CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -18C OR ABOVE 53C.  
CHART SPEED ICON IN PLANVIEW AT JILEB: MAX 210 KIAS UNTIL HUREV.  
CHART SPEED ICON IN PLANVIEW AT JUKDO: MAX 210 KIAS UNTIL HUREV.  
CHART SPEED ICON IN PLANVIEW AT ZINAG: MAX 210 KIAS UNTIL HUREV.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 192.60 INBOUND

**MINIMUMS:**

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

ALTERNATE: NA ☐ STANDARD

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	2665	7/8	289	2665	7/8	289	2665	7/8	289	2665	7/8	289			
RNP 0.30 DA	2869	1 3/8	493	2869	1 3/8	493	2869	1 3/8	493	2869	1 3/8	493			

**CHANGES - REASONS**

1. PROFILE LINE 3, PFAF: HUREV REMOVED - CORRECTION TO FORM.
2. PROFILE LINE 4, MINIMUM ALTITUDE AT HUREV 3400 ADDED - CORRECTION TO FORM.
3. #TCH 2436 MSL (DO NOT CHART) REMOVED FROM ADDITIONAL FLIGHT DATA AND '#' REMOVED FROM TCH ON LINE 7 - NOT REQUIRED TO CHART PER .19H.
4. NOTE DELETED: PBN REQUIREMENTS: RF REQUIRED AND ADDED TO PBN REQUIREMENTS NOTE SECTION - CORRECTION TO FORM.

**COORDINATED WITH:**A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: AMGR, ZSE, GEG APP CON, GEG ATCT**FLIGHT CHECKED BY**PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED**DEVELOPED BY**

Digitally signed by

ANDREA CHANEY **ANDREA J CHANEY**

Feb 13, 2019

**APPROVED BY**

PATRICK MULQUEEN

**OFFICE** Digitally signed by**DATE****DAVID TEFFETELLER**

Feb 26, 2019

**OFFICE**

AJV-A433

**DATE**

01/03/2019

Digitally signed by

**DAVID TEFFETELLER**

Feb 26, 2019

**OFFICE**

AJV-A43

**DATE****TITLE**  
MANAGER

## 8260-3 PDF EDITED:

1. TERMINAL ROUTES, JERPU TO OZALO, COURSE: (4.80 NM RADIUS CCW (CFDXX)).
2. CHART SPEED ICON IN PLANVIEW AT JILEB: MAX 210 KIAS UNTIL HUREV.
3. CHART SPEED ICON IN PLANVIEW AT JUKDO: MAX 210 KIAS UNTIL HUREV.
4. CHART SPEED ICON IN PLANVIEW AT ZINAG: MAX 210 KIAS UNTIL HUREV.

## 8260-9 PDF EDITED:

1. MISSED APPROACH TURN COMPUTATIONS, JERPU-OZALO RF CENTER FIX/DISTANCE: (CFDXX)/8.27 NM.
2. MISSED APPROACH: LEVEL SURFACE OBSTACLE, 1000 FT ROC.

QUALITY  
22  
CHECKED