

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV (RNP) - STANDARD,
INSTRUMENT APPROACH PROCEDURE,
TITLE 14 CFR PART 97.33

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TERMINAL ROUTES				MISSED APPROACH								
FROM	TO	COURSE AND DISTANCE	ALTITUDE	RNP: DA								
AMPLE (IAF)	OPPAV (TF) (FB) (RNP 1.00)	074.63 / 13.84	3400	CLIMB TO 3200 ON TRACK 030.72 TO ZOGEN, RIGHT TURN TO IDUSY, AND ON TRACK 143.41 TO CITYS AND HOLD.								
OPPAV (IF)	KADDE (TF) (FB) (RNP 0.60)	030.60 / 3.20	2900									
KADDE	ORIYU (TF) (FB) (RNP 0.40)	030.62 / 1.19	2600									
ORIYU	KUMKE (TF) (FB) (RNP 0.40)	030.63 / 1.52	2200									
CITYS (IAF)	EVVOR (TF) (FB) (RNP 1.00)	237.84 / 13.90	3700									
(SEE FORM 8260-10)				ADDITIONAL FLIGHT DATA: HOLD E, RT, 272.44 INBOUND. DISTANCE TO THLD FROM 319 HAT: 0.86 NM. #TCH 454.3 MSL (DO NOT CHART) ROUTE TYPE QUALIFIER 1: F ROUTE TYPE QUALIFIER 2: S ROUTE TYPE: A,H								
THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 14-22												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KUMKE 3. FAC: 030.65 FAF: _____ DIST FAF TO MAP: _____ THLD: _____ 4. MIN. ALT: KUMKE 2200 5. DIST TO THLD FROM OM: 5.48 MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____ 6. MIN GS INCPT: 2200 GS ALT AT: KUMKE 2200 OM: _____ MM: _____ IM: _____ 7. GS ANGLE: 3.00 TCH: 44.5# 34:1 IS CLEAR 8. MSA FROM: RW03L 4900												
				MAG VAR: 15E EPOCH YEAR: 2015								
MINIMUMS												
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A								
CATEGORY ----->	A		B		C		D		E			
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
AUTHORIZATION REQUIRED												
RNP 0.11 DA	729	1	319	729	1	319	729	1	319	729	1	319
RNP 0.30 DA	849	1 1/2	439	849	1 1/2	439	849	1 1/2	439	849	1 1/2	439
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -14C (7F) OR ABOVE 54C (130F). CHART NOTE: RF REQUIRED. CHART NOTE: GPS REQUIRED. CHART PLANVIEW NOTE AT HIDLI : MAX 180 KIAS. (SEE FORM 8260-10)												
CITY AND STATE		ELEVATION: 410 TDZE: 410		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:		SUP:				
PASCO, WA		AIRPORT NAME: TRI-CITIES				RNAV (RNP) Z RWY 3L, AMDT 1, 11/13/2014		AMDT: ORIG-B				
								DATED 07/24/2014				

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TERMINAL ROUTES, (CONT.):			
FROM	TO	COURSE AND DISTANCE	ALTITUDE
EVVOR (IF)	ZOGOL (TF) (FB) (RNP 1.00)	237.88 / 2.12	3700
WATSY (IAF)	CUTAS (TF) (FB) (RNP 1.00)	193.17 / 22.11	3700
CUTAS (IF)	HIDLI (TF) (FB) (RNP 1.00)	192.73 / 9.71	3700
HIDLI	ZOGOL (RF) (FB) (RNP 0.50)	(2.80 NM RADIUS CW (CFFLW))/2.21	3700
ZOGOL	JUTAM (RF) (FB) (RNP 0.50)	(2.64 NM RADIUS CW (CFFLX))/4.78	2800
CORDO (IAF)	ONSEW (TF) (FB) (RNP 1.00)	337.29 / 13.10	3400
ONSEW (IF)	HEROG (TF) (FB) (RNP 0.50)	332.16 / 3.88	3400
HEROG	JUTAM (TF) (FB) (RNP 0.50)	341.49 / 2.40	2800
JUTAM	KUMKE (RF) (FB) (RNP 0.50)	(2.48 NM RADIUS CW (CFFMC))/2.13	2200
NIALS (IAF)	PAIDS (TF) (FB) (RNP 1.00)	159.76 / 14.30	3100
PAIDS (IF)	HUGET (TF) (FB) (RNP 1.00)	131.20 / 10.80	3100
HUGET	NUNY (RF) (FB) (RNP 0.50)	(2.40 NM RADIUS CCW (CFFLZ))/2.12	2600
NUNY	KUMKE (RF) (FB) (RNP 0.50)	(2.40 NM RADIUS CCW (CFFLZ))/2.10	2200
KUMKE (FAF)	RW03L (MAP) (TF) (FO)	030.65 / 5.48	
RW03L (MAP)	ZOGEN (TF) (FB) (RNP 1.00)	030.72 / 6.02	
ZOGEN	IDUSY (RF) (FB) (RNP 1.00)	(4.50 NM RADIUS CW (CFFMB))/ 8.84	
IDUSY	CITYS (TF) (FO) (RNP 1.00)	143.41 / 6.45	3200

CITY AND STATE PASCO, WA	ELEVATION: 410 TDZE: 410 AIRPORT NAME: TRI-CITIES	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (RNP) Z RWY 3L, AMDT 1, 11/13/2014	SUP:
				AMDT: ORIG-B
				DATED: 07/24/2014

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NOTES: (CONT.)

CHART PLANVIEW NOTE AT ZOGOL : MAX 180 KIAS.

CHART PLANVIEW NOTE AT JUTAM : MAX 180 KIAS.

CHART PLANVIEW NOTE AT HUGET : MAX 180 KIAS.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AMPLE ON V4 WESTBOUND AND V520 SOUTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CITYS ON V520 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WATSY ON V357 NORTHWEST BOUND AND V204 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CORDO ON V4 EASTBOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT NIALS ON V187 NORTHWEST BOUND.

CHART PLANVIEW NOTE AT AMPLE: (RNP 0.40).

CHART PLANVIEW NOTE AT CITYS: (RNP 0.50).

CHART PLANVIEW NOTE AT WATSY: (RNP 0.50).

CHART PLANVIEW NOTE AT CORDO: (RNP 0.50).

CHART PLANVIEW NOTE AT NIALS: (RNP 0.50).

CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.

CITY AND STATE

PASCO, WA

ELEVATION: 410

TDZE: 410

AIRPORT NAME:

TRI-CITIES

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (RNP) Z RWY 3L, AMDT 1, 11/13/2014

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AMDT: ORIG-B

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QUALITY
12
CHECKED

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[illegible]

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FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.33

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ARINC SUMMARY - 424-18 - RNAV (RNP)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	AMPLE	AMPLE	010	IAF	IF		FB					
	AMPLE	OPPAV	020		TF		FB	1.0			AA 03400	
	AMPLE	KADDE	030		TF		FB	0.6			AA 02900	
	AMPLE	ORIYU	040		TF		FB	0.4			AA 02600	
	AMPLE	KUMKE	050		TF		FB	0.4			AA 02200	
	CITYS	CITYS	010	IAF	IF		FB					
	CITYS	EVVOR	020		TF		FB	1.0			AA 03700	
	CITYS	ZOGOL	030		TF		FB	1.0			AA 03700	AB 180
	CITYS	JUTAM	040		RF	R	FB	0.5		004.8	AA 02800	AB 180
	CITYS	KUMKE	050		RF	R	FB	0.5		002.1	AA 02200	
	CORDO	CORDO	010	IAF	IF		FB					
	CORDO	ONSEW	020		TF		FB	1.0			AA 03400	
	CORDO	HEROG	030		TF		FB	0.5			AA 03400	
	CORDO	JUTAM	040		TF		FB	0.5			AA 02800	AB 180
	CORDO	KUMKE	050		RF	R	FB	0.5		002.1	AA 02200	
	NIALS	NIALS	010	IAF	IF		FB					
	NIALS	PAIDS	020		TF		FB	1.0			AA 03100	
	NIALS	HUGET	030		TF		FB	1.0			AA 03100	AB 180
	NIALS	NUNYI	040		RF	L	FB	0.5		002.1	AA 02600	
	NIALS	KUMKE	050		RF	L	FB	0.5		002.1	AA 02200	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	CUTAS	020		TF		FB	1.0			AA 03700	
	WATSY	HIDLI	030		TF		FB	1.0			AA 03700	AB 180
	WATSY	ZOGOL	040		RF	R	FB	0.5		002.2	AA 03700	AB 180
	WATSY	JUTAM	050		RF	R	FB	0.5		004.8	AA 02800	AB 180
	WATSY	KUMKE	060		RF	R	FB	0.5		002.1	AA 02200	
		KUMKE	020	FAF	IF		FB				AA 02200	
		RW03L	030	MAP	TF		FO	0.3			AT 00454	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	ZOGEN	040		TF		FB	1.0				
	IDUSY	050		RF	R	FB	1.0		008.8		
	CITYS	060		TF		FO	1.0			AA 03200	
	CITYS	070		HM	R	FO		272.4 (287.4T)	004.0	AA 03200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AMPLE	N460720.29	W1193938.04	N4607.338	W11939.634
	CITYS	N461159.67	W1184748.53	N4611.995	W11847.809
	CORDO	N455026.98	W1191044.96	N4550.450	W11910.749
	CUTAS	N461713.14	W1190056.03	N4617.219	W11900.934

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NIALS	N463507.32	W1192929.09	N4635.122	W11929.485
PAIDS	N462053.31	W1192735.92	N4620.889	W11927.599
WATSY	N463643.35	W1184552.88	N4636.723	W11845.881
CFFLW	N460955.10	W1191100.18	N4609.918	W11911.003
CFFLX	N460945.93	W1191056.10	N4609.766	W11910.935
CFPLZ	N461314.67	W1191604.50	N4613.245	W11916.075
CFFMB	N461619.65	W1185715.69	N4616.328	W11857.262
CFPMC	N460945.35	W1191109.90	N4609.756	W11911.165
EVVOR	N460752.12	W1190654.00	N4607.869	W11906.900
HEROG	N460712.79	W1191430.91	N4607.213	W11914.515
HIDLI	N460837.22	W1190726.07	N4608.620	W11907.435
HUGET	N461154.82	W1191857.03	N4611.914	W11918.951
IDUSY	N461759.23	W1185113.41	N4617.987	W11851.224
JUTAM	N460936.31	W1191443.56	N4609.605	W11914.726
KADDE	N460938.22	W1191626.61	N4609.637	W11916.444
KUMKE	N461131.75	W1191339.53	N4611.529	W11913.659
NUNYI	N461051.42	W1191625.06	N4610.857	W11916.418
ONSEW	N460325.66	W1191316.44	N4603.428	W11913.274
OPPAV	N460723.96	W1191943.95	N4607.399	W11919.733
ORIYU	N461028.08	W1191513.27	N4610.468	W11915.221
ZOGEN	N461933.42	W1190147.34	N4619.557	W11901.789
ZOGOL	N460714.63	W1190948.90	N4607.244	W11909.815
RW03L	N461521.44	W1190800.57	N4615.357	W11908.010

RUNWAY DATA

	THRESHOLD	
RWY	ELEVATION	TCH
RW03L	00410	45

QUALITY
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	AIRPORT NAME: TRI-CITIES				AMDT: ORIG-B
					DATED: 07/24/2014