

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, 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 in feet RVR.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW21R CLIMB TO 1100 THEN CLIMBING RIGHT TURN TO 5200 DIRECT PAIDS AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5200. ADDITIONAL FLIGHT DATA: HOLD W, RT, 094.00 INBOUND. CHART FAS OBST: 635 T-L TWR 461730N/1190413W DISTANCE TO THLD FROM 200 HAT: 0.46 NM. CHART VDP AT 1.52 MILES TO RW21R* *LNAV ONLY. WAAS CHANNEL # 40303 REFERENCE PATH ID: W21A CHART CIRCLING ICON. LTP HAE: 100.6 M											
PSC VOR/DME	RYENS (FO)	031.34 / 13.74	3500												
BACUN (IAF)	RYENS (NOPT) (FB)	279.69 / 17.86	3500												
WATSY (IAF)	RYENS (NOPT) (FB)	188.04 / 12.00	3500												
OLFUS (IAF)	RYENS (NOPT) (FB)	120.76 / 19.06	3500												
RYENS (IF/IAF)	JIVDO (FB)	210.91 / 7.55	2400												
JIVDO (FAF)	JEROG/2.60 NM TO RW21R (FB)	210.82 / 3.50													
(SEE FORM 8260-10)															
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															
2. HOLD NE RYENS, RT, 210.91 INBOUND, 3500 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>210.82</u> FAF: <u>JIVDO</u> DIST FAF TO MAP: <u>6.10</u> THLD: <u>6.10</u>															
4. MIN. ALT: RYENS 3500, JIVDO 2400, JEROG/2.60 NM TO RW21R 1280*															
5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u>															
6. MIN GS INCPT: <u>2400</u> GS ALT AT: JIVDO 2400 OM: <u> </u> MM: <u> </u> IM: <u> </u>															
7. GS ANGLE: <u>3.00</u> TCH: <u>54.5</u> 34:1 IS CLEAR															
8. MSA FROM: RW21R 4800															
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		STANDARD @									
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	DH/MDA	VIS	HAT/HAA
LPV DA	604	2400	200	604	2400	200	604	2400	200	604	2400	200			
LNAV/VNAV DA	844	5100	440	844	5100	440	844	5100	440	844	5100	440			
LNAV MDA	940	2400	536	940	2400	536	940	5500	536	940	5500	536			
CIRCLING	940	1	530	940	1	530	1040	1 3/4	630	1100	2 1/4	690			
NOTES: CHART NOTE: BARO-VNAV NA WHEN USING HERMISTON ALTIMETER SETTING. CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14C (7F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PSC VOR/DME ON V187 SOUTHEAST BOUND AND ON V520 (SEE FORM 8260-10)															
CITY AND STATE PASCO, WA				ELEVATION: 410 TDZE: 404 AIRPORT NAME: TRI-CITIES				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 21R, AMDT 2, 11/13/2014				SUP: AMDT: 1A DATED 05/05/2011	

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JEROG/2.60 NM TO RW21R	RW21R (MAP) (FO)	210.82 / 2.60	
RW21R (MAP)	1100 MSL	210.82	1100
1100 MSL	PAIDS (FO)		5200

NOTES, (CONT.):

WESTBOUND.

CHART NOTE: VDP NA WITH HERMISTON ALTIMETER SETTING.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE HERMISTON ALTIMETER SETTING AND INCREASE ALL DA 95 FEET AND ALL MDA 100 FEET; INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE; LNAV CAT C AND D VISIBILITY 3/8 MILE AND CIRCLING CAT C AND D VISIBILITY 1/4 MILE.

QUALITY
4

CITY AND STATE

PASCO, WA

ELEVATION: 410

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FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KPSC
RUNWAY RW21R
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR Y
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W21A
LTP/FTP LATITUDE 461610.4435N
LTP/FTP LONGITUDE 1190648.1040W
LTP/FTP ELLIPSOIDAL HEIGHT +01006
FPAP LATITUDE 461508.2705N
FPAP LONGITUDE 1190820.0605W
THRESHOLD CROSSING HEIGHT (TCH) 00054.5
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 0584
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

926F72EB

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +01224
FPAP ORTHOMETRIC HEIGHT +01224

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KPSCK1FR21RY	ABACUN	010BACUNK1EA0E	A	IF					18000		A	JS
SUSAP	KPSCK1FR21RY	ABACUN	020RYENSK1EA0EE	B	010TF	27970179		+ 03500				A	JS
SUSAP	KPSCK1FR21RY	AOLFUS	010OLFUSK1EA0E	A	IF					18000		A	JS
SUSAP	KPSCK1FR21RY	AOLFUS	020RYENSK1EA0EE	B	010TF	12080191		+ 03500				A	JS
SUSAP	KPSCK1FR21RY	APSC	010PSC K1D 0V		IF					18000		A	JS
SUSAP	KPSCK1FR21RY	APSC	020RYENSK1EA0EY		020TF	03130137		+ 03500				A	JS
SUSAP	KPSCK1FR21RY	APSC	030RYENSK1EA0EE	AR	HF	21090040		+ 03500				A	JS
SUSAP	KPSCK1FR21RY	AWATSY	010WATSYK1EA0E	A	IF					18000		A	JS
SUSAP	KPSCK1FR21RY	AWATSY	020RYENSK1EA0EE	B	010TF	18800120		+ 03500				A	JS
SUSAP	KPSCK1FR21RY	R	010RYENSK1EA0E	I	IF			+ 03500		18000		A	JS
SUSAP	KPSCK1FR21RY	R	020JIVDOK1EA1E	F	051TF	21090076		+ 02400			RW21R K1PGA	JS	
SUSAP	KPSCK1FR21RY	R	020JIVDOK1EA2WALPV			ALNAV/VNAV	ALNAV					JS	
SUSAP	KPSCK1FR21RY	R	021JEROGK1EA0E	S	031TF	21080035		V 0128001284		-300		A	JS
SUSAP	KPSCK1FR21RY	R	030RW21RK1PG0GY	M	031TF	21080026		00456		-300		A	JS
SUSAP	KPSCK1FR21RY	R	040		0 M	CA	2108	+ 01100				A	JS
SUSAP	KPSCK1FR21RY	R	050PAIDSK1EA0EY	R	DF			+ 05200				A	JS
SUSAP	KPSCK1FR21RY	R	060PAIDSK1EA0EE	R	HM	09400050		+ 05200				A	JS

[illegible]

CITY AND STATE PASCO, WA	ELEVATION: 410	TDZE: 404	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
	AIRPORT NAME:	TRI-CITIES	RNAV	RNAV (GPS) Y RWY 21R, AMDT 2, 11/13/2014	AMDT: 1A
					DATED: 05/05/2011

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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SUSAP KPSCK1GRW21R 0077112107 N46161044W119064810+0100 +0100600402060055150IIPSC1

1 2 3 4 5 6 7 8 9 0 1 2 3
PP 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPSCK1PR21RY RW21R001Y0000W21A0N4616104435W11906481040+010060300N4615082705W11908200605106750584000545F400350926F72EB
SUSAP KPSCK1PR21RY RW21R002E +01224+01224LPV 40303

1 2 3 4 5 6 7 8 9 0 1 2 3
MSA 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KPSCK1SRW21RK1PG 0 18018004825 M



CITY AND STATE
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BACUN	BACUN	010	IAF	IF		FB					
	BACUN	RYENS	020		TF		FB	1.0	279.7 (294.7T)	017.9	AA 03500	
	OLFUS	OLFUS	010	IAF	IF		FB					
	OLFUS	RYENS	020		TF		FB	1.0	120.8 (135.8T)	019.1	AA 03500	
	PSC	PSC	010		IF		FB					
	PSC	RYENS	020		TF		FO	2.0	031.3 (046.3T)	013.7	AA 03500	
	PSC	RYENS	030	IAF	HF	R	FO		210.9 (225.9T)	004.0	AA 03500	
	WATSY	WATSY	010	IAF	IF		FB					
	WATSY	RYENS	020		TF		FB	1.0	188.0 (203.0T)	012.0	AA 03500	
	WATSY	RYENS	010	FACF	IF		FB				AA 03500	
	JIVDO	020	FAF	TF			FB	0.5	210.9 (225.9T)	007.6	AA 02400	
	JEROG	021	SDF	TF			FB	0.3	210.8 (225.8T)	003.5	AA 01280	GS 01284
	RW21R	030	MAP	TF			FO	0.3	210.8 (225.8T)	002.6	AT 00456	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		210.8 (225.8T)		AA 01100	
	PAIDS	050		DF	R	FO				AA 05200	
	PAIDS	060		HM	R	FO		094.0 (109.0T)	005.0	AA 05200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PSC	N461612.96	W1190702.27	N4616.216	W11907.038
	BACUN	N461816.04	W1182912.44	N4618.267	W11829.207
	JEROG	N461759.25	W1190406.96	N4617.988	W11904.116
	JIVDO	N462025.80	W1190029.49	N4620.430	W11900.492
	OLFUS	N463921.93	W1191153.68	N4639.366	W11911.895
	PAIDS	N462053.31	W1192735.92	N4620.889	W11927.599
	RYENS	N462541.05	W1185240.04	N4625.684	W11852.667
	WATSY	N463643.35	W1184552.88	N4636.723	W11845.881
	RW21R	N461610.44	W1190648.10	N4616.174	W11906.802

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW21R	00402	55

QUALITY
CHECKED

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