

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION										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.																					
GPS RNAV					STANDARD INSTRUMENT APPROACH PROCEDURE																										
					FLIGHT STANDARDS SERVICE - FAR PART 97. 33																										
TERMINAL ROUTES															MISSED APPROACH																
FROM					TO					COURSE AND DISTANCE					ALTITUDE					MAP: PULLI WP											
TCM VORTAC					ARWEL WP					130.49/14.99					3800					CLIMBING LEFT TURN TO 3800 DIRECT ARWEL WP AND HOLD.											
ALDER WP (IAF)					ARWEL WP (NoPT)					018.53/8.39					3800																
ARWEL WP					BANFO WP					341.62/5.00					2300																
															ADDITIONAL FLIGHT DATA:																
															HOLD S, LT, 356 INBOUND.																
															FAS OBST: 899 TREES 470258/1221606																
															1128 TOWER 470147/1221800																
															999 TREES 470242/1221635																
															919 TREES 470254/1221606																
1. PT <u>NA</u> SIDE OF COURSE <u>OUTBOUND</u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF)															CHART RESTRICTED AREAS R-6703 A, B, C, D. CHART MOAS RAINIER 1, 2, 3.																
2. HOLD <u>S</u> , <u>ARWEL WP</u> , LT, <u>355.62</u> INBOUND, 3800 IN LIEU OF PT (IAF).																															
3. FAC <u>341.62</u> FAF <u>BANFO WP</u> DIST FAF TO MAP <u>--</u> THLD <u>5.00</u>																															
4. MIN. ALT <u>ARWEL WP 3800</u> , <u>BANFO WP 2300</u> , 3 ATD FROM PULLI WP 1600.																															
8. MSA FROM: <u>PULLI WP 15400</u>																															
															MAG VAR: 19E EPOCH YEAR: 95																
MINIMUMS																															
TAKEOFF:		STANDARD		X		SEE FAA FORM 8260-15 FOR THIS AIRPORT										ALTERNATE: N A		X													
CATEGORY		=====		A			B			C			D			E															
		MDA		VIS		HAT/HAA		MDA		VIS		HAT/ HAA		MDA		VIS		HAT/ HAA		MDA		VIS		HAT/ HAA		MDA		VIS		HAT/ HAA	
S-34		1200		1		666		1200		1		666				NA						NA									
CIRCLING		1200		1		666		1200		1		666				NA						NA									
NOTES: USE MCCHORD AFB ALTIMETER SETTING.																															
PROCEDURE NA AT NIGHT.																															
CITY AND STATE					ELEVATION: 534 TDZE: 534					FACILITY IDENTIFIER:					PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:					SUP											
PUYALLUP, WA					PIERCE COUNTY - THUN FIELD					GPS					GPS RWY 34, ORIGINAL					AMDT NONE											
																				DATE											

ALL AFFECTED PROCEDURES REVIEWED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		COORDINATES OF FACILITIES		REQUIRED EFFECTIVE DATE ROUTINE	
COORDINATED WITH:					
ATA <input type="checkbox"/>	AAT <input type="checkbox"/>	ALPA <input type="checkbox"/>	APA <input type="checkbox"/>	AOP <input checked="" type="checkbox"/>	NBAA <input checked="" type="checkbox"/>
				OTHER (specify) <input checked="" type="checkbox"/> ZSE, SEA APP CON, SEA FSS, TCM ATCT, ARPT MNGR.	
FLIGHT CHECKED BY					
NAME: LAWRENCE R. MANCUSO				FIAO SAC	DATE: 07/11/95
DEVELOPED BY					
NAME: JAN D. OLSON <i>J. D. Olson</i>				FIAO AVN-120	DATE: 06/21/95
APPROVED BY					
NAME: WILLIAM R. HENDERSON				MANAGER FIAO AVN-120	DATE:
CHANGES: ORIGINAL PROCEDURE					
REASONS:					

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA											
1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS		MIN. ALT.		
FEEDER	TCM VORTAC	ARWEL WP	1. TERR/TREES	465745/1221250	1599 (5F)	2000	PT201		3800 / 3800		
			1. TERRAIN	465745/1221250	1499	AS1000		2499			
INITIAL	ALDER WP	ARWEL WP	2. TERR/TREES	464815/1222030	2599 (5F)	1000	AC250		3849 / 3800		
			2. TERRAIN		2499	AS1000		3499			
INTERMEDIATE	ARWELL WP	BANFO WP	3. TERR/TREES	465600/1221345	1599 (5F)	250 #	AC250, RA49, DG152		2300 / 2300		
			4. TERRAIN	465459/1221540	968	AS1000		1968			
FINAL	BANFO WP	3 ATD FROM PULLI	5. TOWER 48-0275	470147/1221800	1128 (5E)	250	AC125, RA49, DG48		1600		
			6. TERRAIN	470148/1221746	962						
FINAL	3 ATD FROM PULLI	PULLI WP	7. TERR/TREES	470258/1221606	899 (2C)	250	RA49		1200		
			8. TERRAIN	470254/1221606	819						
HOLD IN LIEU	ARWEL WP	PATTERN 4	9. TERR/TREES	464559/1221814	3099 (5E)	500SEC	AS201		3800		
			10. TERRAIN	465404/1221304	2335	AS1500		3835 / 3800			
3. MISSED APPROACH	MAP:	PULLI WP	ARWEL WP			ASC			3800		
	ELEV:	901									
4. CIRCLING AREA	DISTANCE	H T. A B V. A R P T.									
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	666	11. TERR/TREES	470620/1221530	719 (2C)	300	RA49, SI 132	1200
CATEGORY B	1.5 NM		450		666	11.		719 (2C)	300	RA49, SI 132	1200
CATEGORY C	1.7 NM		450								
CATEGORY D	2.3 NM		550								
CATEGORY E	4.5 NM		550								
5. MINIMUM SAFE ALTITUDES											
PRIMARY NAVAIID: PULLI WP											
SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION	M S A	SECTOR	OBSTRUCTION	BRG / DIST	ELEVATION	M S A		
000-360	12. MT RAINIER	105/26.4	14410 (5A)	15400							
CITY AND STATE											
PUYALLUP, WA		AIRPORT & ELEVATION		534	FACILITY		PROCEDURE AND AMENDMENT NO:		REGION		
		PIERCE COUNTY - THUN FIELD			GPS		GPS RWY 34, ORIG		ANM		

NOTES / EXPLANATIONS FROM OPPOSITE SIDE OF FORM:

RASS ADJUSTMENT:

DISTANCE BETWEEN ARPTS: 8.01NM
 DISTANCE ADJUSTMENT FACTOR: 2.3
 DISTANCE ADJUSTMENT: 18.43'
 AIRPORT KTCM ELEVATION: 322'
 AIRPORT K1S0 ELEVATION: 534'
 DIFFERENCE: 212'
 ELEVATION ADJUSTMENT FACTOR: 0.14
 ELEVATION ADJUSTMENT: 29.68'
 PLUS DISTANCE ADJUSTMENT: 18.43'
 EQUALS RASS ADJUSTMENT: 48.11'

AIRSPACE:

1. GPS RWY 34, ORIGINAL
2. RWY 34 THLD: 470556.10/1221714.21
3. FAF COORDINATES: 470056.26/1221718.96
4. DIST AER34 TO 1000' PT: 4.00NM
5. WIDTH FINAL SEGMENT AT 1000' PT: 1.90NM
HIGHEST TERRAIN FINAL SEGMENT: 962'
6. FINAL SEGMENT TRUE COURSE: 000.62T
7. DIST FAF TO 1500' PT: 2.40NM
8. WIDTH INTERMEDIAT SEGMENT AT 1500' PT: 3.20NM
HIGHEST TERRAIN INTERMEDIATE SEGMENT: 968'
9. INTERMEDIATE SEGMENT TRUE COURSE: 000.62T
10. HIGHEST TERRAIN IN PT AREA: 2335'
PATTERN SIZE: P-4

FLIGHT INSPECTION BRACKETING POINTS:

FAF/L: 470114.57/1221802.52
 FAF/R: 470113.92/1221634.83

MAP/L: 470614.41/1221757.84
 MAP/R: 470613.76/1221630.01

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH :		2. WEATHER SERVICE		3. ALTIMETER SETTING	
ZSE SEA APP CON CTAF		N W S F A A A / C	OTHER: USAF		SOURCE: USAF MCCHORD AFB DISTANCE: 8.02
SATISFACTORY ON: <input checked="" type="checkbox"/> V H F <input checked="" type="checkbox"/> U H F <input type="checkbox"/> H F		LOCATION: MCCHORD AFB		HOURS REMOTE OPERATION: 24	
		HRS OPTN: 24		ADJUSTMENT: 48.04	
4. MONITOR STATUS	PRIMARY			SECONDARY	
	NAVAID:			NAVAID:	
	MONITOR POINT:			MONITOR POINT:	
	HRS OPTN	CAT 1 CAT 3		HRS OPTN	CAT 1 CAT 3
5. AIRSPACE		FLOOR OF CONTROLLED AIRSPACE UNDER FAC			CONTROL AREA
		CONTROL ZONE:			HOURS OPTN <input checked="" type="checkbox"/> TRANSITION AREA
6. APPROACH & RUNWAY LIGHTING	ALS			<input checked="" type="checkbox"/>	REIL 16/34 **
	(S) SALS				TDZ
	MALS				C/LINE
	HIRL			<input checked="" type="checkbox"/>	OTHER (Specify) PAPI 16/34 (GS 4.0 deg; TCH 53 ft)
7. RUNWAY MARKINGS BSC 16/34			8. RUNWAY VISUAL RANGE		
ALL WEATHER			APPROACH		
INSTRUMENT			ROLL OUT		
9. GLIDE SLOPE	G S ANGLE:			ELEV RWY THRESHOLD:	
	DISTANCE FROM RWY:			ELEV GS ANTENNA:	
				THRESHOLD CROSSING HEIGHT:	
10. FINAL APPROACH COURSE AIMING		<input checked="" type="checkbox"/>	RUNWAY THRESHOLD		F T. FROM THRESHOLD
		<input checked="" type="checkbox"/>	ON CENTERLINE		F T. FROM CENTERLINE
11. WAIVERS OF STANDARDS			NUMBER OF WAIVERS ON FILE NONE		DATES OF APPROVAL

PART C - REMARKS:

8260.38A APPLIED
 RNAV DESCENT ANGLE NOT PUBLISHED - ANGLE BELOW MIN ALT AT 3 ATD FROM PULLI (SDF). TERPS 1523F.
 100' ADDED FOR TREES
 # SECONDARY ROC
 ** REIL RWY 16 OTS INDEF PER AFD & ARPT MNGR.
 PARA 289 APPLIED TO 999 (2C) TERR/TREES 470242/1221635; 919 (2C) TERR/TREES 470254/1221606.
 CAT A&B ONLY DUE TO RWY LENGTH.
 PROCEDURE NA AT NIGHT UNTIL RWY LIGHTS APPROVED BY FLIGHT INSPECTION.

PART D - PREPARED BY:
 JAN D. OLSON

DATE:

06/06/95

TITLE
 AERONAUTICAL INFORMATION SPECIALIST

OFFICE:
 AVN-120