

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD TERMINAL ARRIVAL (STAR)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.  
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
<b>CHINS</b>	<b>FIVE</b>	<b>CHINS.CHINS5</b>	<b>FOUR</b>	<b>12/05/2019</b>	<b>08 SEP 2022</b>

**TRANSITION ROUTES:**

Transition Name	Transition Computer Code	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	MAA	Crossing Altitude/Fixes
PENDLETON	PDT.CHINS5	PDT VORTAC	PDT VORTAC						
			BRUKK	296.33 (PDT R-296)	46.00	10000	9100		
			SUNED	296.33 (PDT R-296)	09.74	10000	9100		
			YKM VORTAC	288.24 (YKM R-108)	26.03	10000	9100		
			CHINS	283.82 (YKM R-284)	25.48	10000	9100		
SUNED	SUNED.CHINS5	SUNED	SUNED						
			YKM VORTAC	288.24 (YKM R-108)	26.03	10000	9100		
			CHINS	283.82 (YKM R-284)	25.48	10000	9100		
YAKIMA	YKM.CHINS5	YKM VORTAC	YKM VORTAC						
			CHINS	283.82 (YKM R-284)	25.48	10000	9100		

**ARRIVAL ROUTE DESCRIPTION:**

FROM CHINS ON YKM R-284 AND SEA R-104 TO RADDY(MEA 10000/MOCA 9100) THEN ON SEA R-104 TO HUMPP (MEA 10000/MOCA 8300) THEN ON SEA R-104 TO AUBRN (MEA 7000/MOCA 6600)  
Thence...

...LANDING NORTH: HEADING 250 FOR VECTORS TO FINAL APPROACH COURSE.

...LANDING SOUTH: HEADING 343 FOR VECTORS TO FINAL APPROACH COURSE.

...LANDING RENTON MUNI: HEADING 343 FOR VECTORS TO FINAL APPROACH COURSE.

...LANDING PAINE FIELD: HEADING 343 FOR VECTORS TO FINAL APPROACH COURSE.



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CHINS	FIVE	CHINS.CHINS5	FOUR	12/05/2019	08 SEP 2022

**PROCEDURAL DATA NOTES:**

NOTE: DME and RADAR REQUIRED  
NOTE: LANDING NORTH/LANDING SOUTH RESTRICTIONS ARE ISSUED PER THE KSEA FLOW.  
PROP/TURBOPROP: CROSS RADDY AT 10000 AND AT OR BELOW 250 KIAS. MAINTAIN 10000.  
TURBOJET: LANDING NORTH: CROSS RADDY AT 12000 AND AT 250 KIAS. MAINTAIN 12000.  
LANDING SOUTH: CROSS RADDY AT OR ABOVE 16000 AND AT 270 KIAS.  
CROSS HUMPP AT OR BELOW 15000.  
CROSS AUBRN AT 12000 AND AT 250 KIAS. MAINTAIN 12000.  
LANDING BFI RUNWAY 32L/R: CROSS RADDY AT 11000 AND AT 250 KIAS. MAINTAIN 11000.  
LANDING RENTON MUNI: CROSS RADDY AT 11000.

**FIXES AND/OR HOLDING PATTERNS:**

CHART: HOLDING AT RADDY: E, RT, 284.45 INBOUND.  
CHART: HOLDING AT SUNED: E, RT, 288.24 INBOUND.  
CHART: HOLDING AT BRUKK: E, RT, 296.33 INBOUND.

**COMMUNICATIONS:**

CHART: SEATTLE APPROACH CONTROL

**AIRPORTS SERVED:**

AIRPORT NAME	CITY	STATE
SEATTLE-TACOMA INTL (KSEA)	SEATTLE	WA
BOEING FIELD/KING COUNTY INTL (KBFI)	SEATTLE	WA
SNOHOMISH COUNTY (PAINE FIELD) (KPAE)	EVERETT	WA
RENTON MUNI (KRNT)	RENTON	WA

**LOST COMMUNICATIONS PREFERENCES:**

AFTER AUBRN PROCEED DIRECT SEA VORTAC.

**REMARKS:**

ABBREVIATED AMENDMENT DOES NOT SATISFY PERIODIC REVIEW REQUIREMENTS.

**ADDITIONAL FLIGHT DATA:**

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CHART: COP AT SUNED PDT56/YKM26

**FLIGHT INSPECTED BY:**

Processed IAW Technical Support Group (AJF-17) Memo dated 07/07/2021, Subject: Guidance for Procedural Changes Requiring Flight Inspection/Validation

**ORGANIZATION:****DATE:**

Flight Inspected Signature: *Digitally signed by*  
**DONALD H LANIER**

**DEVELOPED BY:**

DAVE PARKER

AJV-W24

03/04/2022

Developed By Signature: *Digitally signed by*  
**DONALD H LANIER**

**APPROVED BY:**

LONNIE EVERHART

AJV-A430

09/08/2022

Approved By Signature: *Digitally signed by*  
**DONALD H LANIER**  
Apr 06, 2022

**CHANGES:**

1. DELETED KIMBERLY TRANSITION.
2. ADDED EMBEDDED TRANSITION YAKIMA.
3. CHANGED ALL MOCAS IN TRANSITION ROUTES TO 9100.
4. ADDED PROCEDURAL DATA NOTE: LANDING RENTON MUNI: CROSS RADDY AT 11000.

**REASONS:**

1. PER ATC REQUEST
2. PER ATC REQUEST TO CORRECT CPDLS ISSUES.
3. MATCH MOCA AT CHINS.
4. ATC REQUEST.

