

**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.  
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<u>Arrival Name</u>	<u>Number</u>	<u>STAR Computer Code</u>	<u>Superseded Number</u>	<u>Dated</u>	<u>Effective Date</u>
ARRIE	NINE	ARRIE.ARRIE9	EIGHT	01/27/2022	26 DEC 2024

**TRANSITION ROUTES:** **THIS IS A CORRECTED COPY OF THIS PROCEDURE PREVIOUSLY PUBLISHED IN NFDD #195.**

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	MAA	CROSSING ALTITUDE/FIXES
TATOOSH	TOU.ARRIE9	TOU VORTAC	TOU VORTAC						
		TOU VORTAC	ARRIE	096.14 (TOU R-096)	52.73	15000	9400		

**ARRIVAL ROUTE DESCRIPTION:**

FROM OVER ARRIE ON OLM R-318 AND TCM R-267 TO CUBIT, EXPECT RADAR VECTORS TO FINAL APPROACH COURSE.

**PBN REQUIREMENTS NOTES:**

**EQUIPMENT REQUIREMENTS NOTES:**

RADAR REQUIRED  
DME REQUIRED

**PROCEDURAL DATA NOTES:**

NAVIGATIONAL PLANNING INFORMATION: EXPECT CLEARANCE TO CROSS EMDEN AT 10000 AND MAINTAIN 10000.  
NOTE: DOD USE ONLY.

**FIXES AND/OR HOLDING PATTERNS:**

CHART: EMDEN  
CHART: WAKEN

**COMMUNICATIONS:**

**AIRPORTS SERVED:**

AIRPORT ID	CITY	STATE
TCM	TACOMA	WA

**LOST COMMUNICATIONS PREFERENCES:**

PROCEED DIRECT TCM TACAN.

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**REMARKS:**

ABBREVIATED AMDT DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

**ADDITIONAL FLIGHT DATA:**

CHART: OLM VORTAC  
CHART: TCM TACAN  
CHART: ARRIE TO EMDEN – MEA 10000, MOCA 9400  
CHART: EMDEN TO WAKEN – MEA 5000  
CHART: WAKEN TO CUBIT – MEA 2000

**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*  
**JOSEPH L ZEDER**  
Aug 22, 2024

**DEVELOPED BY:**

CASIMIR TABAKA (ROBERT SWINSON)

AJV-A432

6/6/2024

Developed By Signature:

*Digitally signed by*  
**JOSEPH L ZEDER**  
Aug 22, 2024

**APPROVED BY:**

CASIMIR TABAKA

AJV-A432

Approved By Signature:

*Digitally signed by*  
**JOSEPH L ZEDER**  
Aug 22, 2024

**CHANGES:**

1. CORRECTED "EXPECT CLEARANCE TO CROSS EMDEN AT 10000 AND MAINTAIN 10000".
2. REMOVED AIRPORT NAME AND CHANGED "KTCM" TO "TCM" IN AIRPORTS SERVED.
3. TRANSITION ROUTES: REMOVED VICTORIA TRANSITION.
4. MOVED "DME REQUIRED" AND "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES.
5. ADDITIONAL FLIGHT DATA: REMOVED "REFERENCE MAGNETIC VARIATION = KTCM 15E/2020".
6. MOVED "CHART: OLM VORTAC, TCM VORTAC" FROM FIXES AND/OR HOLDING PATTERNS TO ADDITIONAL FLIGHT DATA.
7. REMOVED SEA VORTAC TO INCLUDE R-281 AT ARRIE.

**REASONS:**

1. MATCH CURRENTLY PUBLISHED FIG.
2. CURRENT DOCUMENTATION STANDARDS.
3. YYJ VORTAC DECOMMISSIONED.
4. IAW 8260.19J, PARA 4-5-12D
5. NOT REQUIRED FOR CONVENTIONAL, IAW 8260.19J, PARA 4-5-12J(2).
6. IAW 8260.19J, PARA 4-5-12(J).
7. DME REQUIRED FOR PROCEDURE

10/10/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 08/22/2024.  
ADDITIONAL FLIGHT DATA: CHANGED TCM VORTAC TO TCM TACAN.



NFDD No. 20110/17/202427

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Title:

