

Tammy Reeve Credentials

Tammy Reeve is the President of Patmos Engineering Services, Inc. and Airworthiness Certification Services, LLC. And is an independent FAA DER. Her software management related activities and experience include software project management, FAA coordination for PMA and TSO related aspects of certification as well as consulting in the area of software and PLD/ASIC standards and policies.

Tammy has been working in the aviation field for over 22 years. Prior to becoming a DER Tammy worked as an embedded software design engineer for GE Aerospace and Avtech Corporation. She has worked on aviation equipment ranging from engine controls for the C17 to audio control systems for the Boeing 777.

Tammy has a BSEE (Tau Beta Pi) from California State University Fullerton (with emphasis in digital hardware design) and a Master's Degree in Software Engineering from Seattle University. Recent areas of DER work include participation in the SC-190 working group, re-useable tool qualification and DO-254/DO-178B compliance for PLDs and ASICs.

Tammy Reeve has been an FAA designated engineering representative (DER) since 1998, supporting programs under the FAA, EASA, CAAC, and Transport Canada.



Tammy Reeve, engineer 1994

During this time, she has worked on the 737, 747, 787, Boeing Chinook, Sikorsky S-92/S-70, Williams Engines, Lycoming Engines, Airbus A320 and A350 aircraft and engine platforms. Her accomplishments include:

- Approval of Software data items to RTCA DO-178B/C/ED-12B/C (FAA 8110-3 form approvals)
- Approval of Hardware data items to RTCA DO-254 and supporting policy (FAA 8110-3 form approvals)
- EASA Type Validation authority for Software and Airborne Electronic Hardware
- Canadian Finding Authority for Military project work for DO-254 and DO-178B/C
- Selection as a Boeing authorized representative (AR)
- Training on current FAA guidance in DO-254, DO-178B, DO-178C (delta), and ARP 4754A

- Gap Analysis: Evaluating processes and developing plans/approaches for approval by certifying bodies
- Software and hardware tool qualification development and/or evaluation
- TSO/TC/STC/PMA process review and liaison between applicants and approval authorities
- Assisting with FAA "Partnership for Safety Plans" to streamline certification activities and data transmittals
- Assisting with DO-160 Qualification Test Plan/Procedures/Results
- Chair of the US DO-254 Users Group, coordinating with the EU DO-254 User Group, and driving industry input into the hands of policy makers
- Co-secretary for the "Model-Based Development" sub-group for the RTCA SC-205 (DO-178C) working committee
- SAE Aerotech Chair for AEH and the SAE trainer for DO-254.
- Recipient of the prestigious SAE International 2020 J. Cordell Breed Award for Women Leaders



U.S. Department
of Transportation
**Federal Aviation
Administration**

Certificate of Designation

Reposing special trust and confidence in the integrity, diligence, and discretion of

TAMMY M. REEVE

who has been found to have the necessary knowledge, skill, experience, interest, and impartial judgment to merit special public responsibility, I hereby designate as

DESIGNATED ENGINEERING REPRESENTATIVE

with authorization to act in accordance with the regulations and procedures prescribed by the Federal Aviation Administration relating to this designation.

Issued at Renton, WA
Dated August 20, 1998
Certificate No. DERT-635521-NM

By Direction of the Administrator


Acting Manager, Seattle Aircraft
Certification Office

Tammy's latest certification is available on the FAA DER Directory site:

https://www.faa.gov/other_visit/aviation_industry/designees_delegations/designee_types/media/DERDirectory.pdf

See more information at <https://www.patmos-eng.com/about-us/tammy-reeve/>.