

CIVIL CERTIFICATION SERVICES

Since 1983, ENSCO has been providing safety/mission-critical software and engineering development services on a wide range of commercial and military avionics systems. Our experience in the development, verification and certification of complex systems continues to fuel our reputation as the leader in Aerospace software and engineering support. Our development expertise includes full RTCA/DO-178B (through Level A), RTCA DO-254 (through Level A), Mil-Std-498 (2167A), and tailored life-cycle support.

Designated Engineering Representative (DER) Authorization

ENSCO provides full independent DER support and offers a wide range of FAA aircraft system and equipment certification and consultation services.

Our DER Key Benefits include:

- Minimize costs by developing or enhancing your certification process
- Maximize resources by creating "just-in-time" certification action teams
- Build into the certification program a means that supports your growth path

Our Delegated Authority covers the following areas:

Systems

- Electrical and Electronic Systems
- Communications Systems
- Flight Controls and Fly By Wire
- Instruments, Air Data, and Navigation Systems
- Warning Systems



Software

- RTCA DO-178B Level A

Programmable Hardware

- RTCA DO-254 Level A

Hardware Qualification

- RTCA DO-160D

Safety

- SAE ARP – 4761
- SAE ARP – 4754



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Designated Airworthiness Representative (DAR) Authorization Certified in both Maintenance and Manufacturing, ENSCO also offers full independent DAR support.

ENSCO's DER and DAR personnel have experience working with the following Regulatory Officials:

FAA Aircraft Certification Offices (ACOs)

- Fort Worth
- Seattle
- Los Angeles
- Wichita
- Denver

International Offices

- Transport Canada
- Indonesian Aviation Safety Directorate
- South Korean Aviation Authority
- EASA, JAA, LBA, CAA, DGAC (Europe)

ENSCO supports the following Certification Program Types:

- Type Certificate (TC)
- Amended Type Certificate (ATC)
- Supplemental Type Certificate (STC)
- Technical Standard Order (TSO)



**For more information,
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