

DO-178B & DO-254 TRAINING

ENSCO offers a robust curriculum of DO-178B and DO-254 training for software engineers, programmable hardware engineers, and project managers tasked with developing FAA compliant safety/mission-critical software and hardware.

Our curriculum helps technical teams to learn the best practices to achieve DO-178B and DO-254 compliance and to achieve their goals faster, easier and less expensive. Our strategy is to utilize the strengths of your existing software, hardware, systems and quality teams, and to facilitate process knowledge through hands on exercises and custom workshops. We will work towards getting your teams focused on the requirements typically associated with performance of process /gap analysis activities and we will tailor our training to your needs and maturity of your in-house processes.

ENSCO can perform DO-178B training in conjunction with DO-254 training or handle each separately based on your needs. Our senior software engineers and FAA representatives are experts in the development and certification of all major avionics systems including real-time embedded applications; graphics, displays, and simulation; flight and engine control systems; power, actuation, and mechanical systems; and navigation and communication systems.

Benefits of ENSCO training:

- Minimize DO-178B and DO-254 certification costs
- Maximize the strengths of current team and processes
- Development of faster, easier and most cost-effective certification path
- Utilization of Best DO-178B & DO-254 Industry Practices and Tools



ENSCO's unique approach includes:

- Tailored training for your company's specific objectives
- Joint curriculum to combine the similarities between DO-178B and DO-254 Process Compliance
- Training plans that extend from process/gap analysis through verification activities into certification planning

Major training topics covered include:

- Aircraft certification overview (TC, STC, ATC processes)
- Equipment certification overview (TSOs and PMAs)
- Software plan development
- Programmable hardware plan development
- Software and programmable hardware verification
- Software and programmable hardware accomplishment summaries preparation instruction

Why use ENSCO training?

- Our DO-178B and DO-254 instructors average 20+ years of avionics software and systems experience
- They are experts in DO-178B and DO-254 process development
- They possess a unique ability to transfer that experience and knowledge to your teams

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