



AIRCRAFT CERTIFICATION SERVICE

FAA27200050: Software Job Functions: Legacy System Software

PURPOSE

To provide FAA Aviation Safety Engineers (ASEs) experienced with DO-178B or DO-178C with information needed to evaluate an applicant's use of legacy system software and associated tools.

TARGET AUDIENCE

FAA AIR Aviation Safety Engineers (This course is also offered as optional training to eligible non-FAA individuals through the AVS Designee Registration System.)

DELIVERY METHOD

This course is self-paced Blackboard web-based training. The estimated completion time for the lesson content is 3 or more hours.

PREREQUISITE(S)

Completion of former FAA20145 (or both FAA25951 and 25952)

OR

Completion of DO-178B or DO-178C equivalent out-of-agency training.

REQUIRED MATERIALS

Course participants must provide copies of DO-178C and DO-330 (or EUROCAE equivalent documents) to successfully complete this training. Copies of DO-178B, DO-331, DO-332, and DO-333 are beneficial.

RTCA members and non-members may obtain these documents from www.rtca.org.

FAA staff should email RTCA at webmaster@rtca.org to establish an individual FAA account.

OBJECTIVES

By the end of the training, participants will be able to:

- Evaluate the acceptability of an applicant's proposal to use legacy system software in accordance with AC 20-115C
- Evaluate the acceptability of an applicant's proposal to use new or modified tools in accordance with AC 20-115C

ENROLLMENT INFO

FAA Employees:

- Log on with your eLMS ID and password at <https://elms.faa.gov>
- In the Search Catalog box, enter 27200050 or *Legacy System Software*.
- For assistance, contact the eLMS Help Desk at 405-954-4568 or contact your AIR Training Manager (ATM).

Non-FAA:

- Register for this training through the Designee Registration System (DRS) at <https://av-info.faa.gov/DsgReg/sections.aspx>
- If you have difficulty logging in to DRS to purchase the course, contact the FAA Academy Aircraft Certification Branch AMA-220 at 405-954-4534.