

Defence Aviation Safety Authority



Defending Australia and its National Interests
www.defence.gov.au



AVIATION SOFTWARE CERTIFICATION (ADVANCED)

Course Code

216012

Course Duration

5 days.

Course Content

The Aviation Software Certification (Advanced) course aims to build the application of skills achieved through the Aviation Software Certification (Introduction), Software Development Methods and Life Cycle Models (Intermediate) and DO-178C Software Considerations In Airborne Systems and Equipment Certification (Intermediate) training courses offered by Directorate of Initial Airworthiness (DIA). This course provides a practical and detailed insight into acquiring and managing aviation software within the Defence Aviation Safety Regulation (DASR) framework. It covers off all aviation software management activities, including certification requirements and how aviation engineers generate compliance demonstration evidence for software to support software certifications, the various inspections of compliance demonstration evidence undertaken during Authority Level of Involvement. Further detail is provided into how software assurance and software lifecycle standards can be tailored and interpreted for use within the aviation context that is acceptable to the Authority. It is an advanced course aimed at those with a software background, who have completed the introductory and intermediate aviation software courses (or equivalent).

Target Audience

MDO Engineers, Software Project Engineers in a Project Office and other Defence Engineers with an interest

Sessions

- **Session: 0004**
 - **Date:** TBA
 - **Location:** TBA
 - **Nomination Closing Date:** TBA

Cost

Course Costs: There is no cost involved for Australian Defence Force personnel and Australian Public Service employees. Industry participants are required to pay a fee of **TBA** per person. Industry participants are also required to complete the [DASA Training Contractor Billing Details form](#) contained in this link and submit it along with the training nomination form. Nominations by industry personnel **WILL NOT** be considered unless both forms are received by DASA Training.

Other Costs: The individual's parent unit/organisation is responsible for funding travel, meals and accommodation to attend this course. This also applies when the individual is at the training location.

Special Requirements

Please notify DASA Training should you require assistance in attending the course, such access, hearing, vision assistance, etc.

Nomination and Expression of Interest Form

Personnel are to nominate directly to DASA Training using webform [AE655](#).

If you are unable to nominate using the form above, please contact DASA Training.

If no dates are listed please nominate and enter EOI in the course date and location fields and you will be contacted when more courses are scheduled.

Event Administration Contact

DASA.Training@defence.gov.au