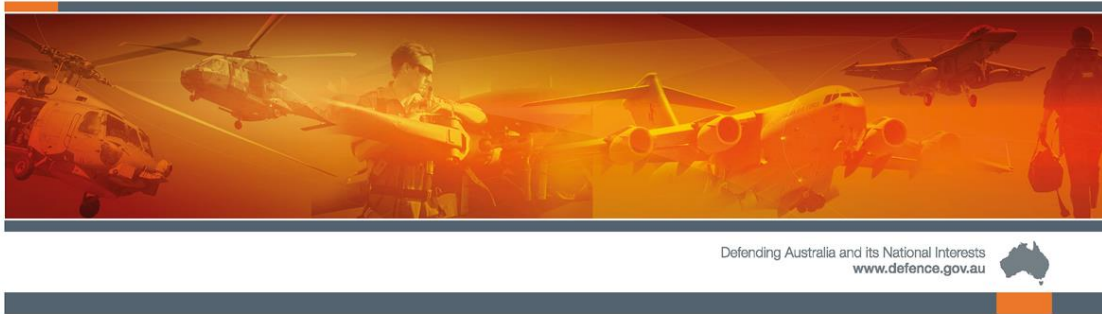


## Defence Aviation Safety Authority



### **AVIATION SYSTEM SAFETY APPLICATION (LEVEL 3)**

#### **Course Code**

217545

#### **Course Duration**

4 days

#### **Course Content**

The Aviation System Safety Application (Level 3) course is a four-day course that builds on the skill sets of the Aviation System Safety Engineering – Level 2 course. The course includes practical hands-on workshop sessions designed to familiarise ADF systems engineers and System Safety managers in the use of common system safety tools likely to be encountered in the workplace. On completion of the course the student should have a working understanding of:

- the ADF regulatory framework;
- creating and evaluating a fault tree diagram;
- evaluating a preliminary system safety assessment;
- determining appropriate software assurance levels;
- analysing aviation software hazards;
- developing safety case and safety assessment reports;
- bow-tie analysis;
- communicating retention of residual technical risk; and
- system safety working groups.

Students are expected to undertake an assessment at the conclusion of the course. A pass mark is required to successfully complete the Aviation System Safety Application (Level 3) course. A post-course re-assessment or re-testing program is available for unsuccessful students.

## Target Audience

Design Engineers, Senior Design Engineers, System Safety Project Engineers in a Project Office or Systems Project Office.

## Course Prerequisites

One of the following prerequisites must be satisfied prior to nominating for the course:

- Undertake the Aviation System Safety Theory (Level 2) course, or
- Successfully completed previous DASA sponsored System Safety course (Course ID 112689) or equivalent within the last 3 years, or
- Demonstrate substantial working experience in contemporary system safety processes and procedures.

## Class Size

16 participants.

## Sessions

- **Session:** 0004
  - **Dates:** 7-10 May 2024
  - **Location:** Defence Plaza Melbourne
  - **Nomination Closing Date:** 5 April 2024

## Cost

There is no cost involved for Australian Defence Force personnel and Australian Public Service employees. Industry participants are required to pay a fee of \$2,130 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.

Participants are responsible for funding and arranging their own travel, meals and accommodation through their organisation.

## Special Requirements

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

## Nomination 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.

## Event Administration Contact

[DASA.Training@defence.gov.au](mailto:DASA.Training@defence.gov.au)