



SOUTHPAC
aerospace

COURSE INVESTMENT

\$195.00 AUD per person.
Discounts apply for corporate
licence packages.

DELIVERY

Online. This course is self-paced and
can be completed in your own time.

DURATION

Approx. 12 Hours
(up to 12 months to complete)

SUITABLE FOR

Initial or Refresher HF training for
aircraft maintenance personnel

ENROL NOW

Scan the QR code to
enrol and start online,
anytime.



Human Factors for Aviation Maintenance (Online)

COURSE OVERVIEW

Aircraft maintenance is one of the most high-consequence working environments in aviation. Engineers and technicians perform complex tasks under time pressure while managing interruptions, fatigue, changing conditions, and competing operational priorities. In these environments, even highly skilled professionals can miss cues or misinterpret information. Human Factors training helps maintenance organisations understand these realities and build systems that support safe, reliable performance.

Southpac's Human Factors for Aviation Maintenance online course provides a practical introduction to the principles of Human Factors and their application in real maintenance operations. Designed specifically for engineers, technicians, and aviation maintenance personnel, this Aviation Maintenance Human Factors training explains how human performance limitations influence decision making, communication, and situational awareness in maintenance environments.

Participants learn how factors such as fatigue, distraction, workload, and workplace culture can affect judgement and performance. The course also explores the non-technical skills that help maintenance teams operate safely and effectively, including communication, teamwork, and error management.

This online course aligns with CASR Part 145 requirements and EASA Part 145 requirements for Human Factors Training, and is suitable as either initial Human Factors training or refresher training, making compliance easier, smarter, and more accessible than ever.

WHO SHOULD ATTEND?

This training is required for all Aircraft Maintenance Engineers working with Approved Maintenance Organisations.

However, the course content is applicable to anyone working in an aviation environment.

**TO EDUCATE,
TO LEAD,
TO INSPIRE...**

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COURSE PROGRAM

This self-paced, online course covers the following topics:

Knowledge and Comprehension of Human Factors

- Introduction to Human Factors
- Human Performance and Error
- Human Factors within an Organisation

Recognising and Managing Human Limits

- Fatigue
- Stress and Workload
- Memory and Sensory Limits
- Alcohol and Other Drugs

Developing Non-Technical Skills

- Professionalism and Leadership
- Communication and Teamwork
- Situational Awareness and Decision-Making

The eLearning includes activities designed to apply and refine your understanding of human factors and non-technical skills in the maintenance environment.

COURSE RECOGNITION

Upon successful completion of this course, participants will receive a Certificate of Completion for Human Factors for Aviation Maintenance.

As initial training, this certificate is valid for 2 years in line with CASR Part 145 and CASR Part 119 human factors guidelines.

CASR PART 145 REQUIREMENTS

This course aligns with CASR Part 145 requirements & EASA 145 requirements for Human Factors Training.

If your organisation is CASR Part 145 approved, you are required to provide Human Factors training for your maintenance personnel. This course aligns with the latest regulations, and is suitable as either initial or refresher training, which is required every 2 years.

LEARNER SUITABILITY & SUPPORT

This course requires the learner to have a suitable level of language, literacy and numeracy (LLN) proficiency and a basic level of digital literacy to comprehend the course content, and test knowledge through an eLearning platform.

Southpac Aerospace can provide appropriate support to learners who need additional help to complete the course if they do not meet the required proficiency in LLN and digital literacy.

Learn more about learner suitability for our training and the student support services available to learners in our Participants Handbook.

WHY CHOOSE SOUTHPAC?

As a nationally recognised RTO (32353), Southpac Aerospace delivers industry-aligned training led by experienced trainers with extensive industry knowledge. We provide practical learning resources, relevant skills and ongoing support for your career development.



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