

EASA Part 145 Workshop Theoretical Component Maintenance Train the Trainer – 3 Days

Introduction

- In accordance with EASA Foreign Part-145 approvals - Components, engines and APU certifying staff UG.CAO.00126-003
- 1.3.2.1. Component training maybe carried out by an appropriately rated maintenance organisation provided:
 - The person nominated to carry out the training can demonstrate he/she has received training to an appropriate level for the subject component;
 - The person nominated to carry out the training is appropriately authorized by the maintenance organisation and is able to demonstrate a significant experience on the relevant component maintenance
 - The training syllabus has been reviewed by the Engineering Manager and/or the Quality Manager
 - The component is available for practical training purpose;
 - For simple component, the maintenance organisation may take credit of the CC/S experience and/or a previous training on a component from the same family and same technology.
- The focus of this 3-day course is to develop your workshop theoretical trainer to be able to develop manage & deliver component training to enable the delivery of component training to staff to enable them to gain organizational certification approval.
- Learning from professionals how to define a training program, best practice methods for facilitation and presenting. Understand how to perform a Training Needs Analysis and to develop material and content. Ensuring the delivery of an active and engaging learning experience for the delegates.

Who is the course for?

The course is primarily focused on the needs of the Workshop Theoretical Trainer (Instructor) within the workshop Environment, to develop your workshop theoretical trainer to be able to develop manage & deliver component training nominated workshop staff to enable them to gain organizational certification approval.

The course will also be of interest to persons who are interested in gaining instructional skills to build additional competence.

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What is the Benefit of this Training – What will I learn?

- a) Understand the structure, composition and impact of EASA Regulation 1321/2014 Regulations in particular referenced to EASA Part 145 Workshop Environment
- b) Understand the Adult Learning Experience – Andragogy
- c) Understand techniques to optimize and deliver practical presentations
- d) Focus on the development of your communication skills.
- e) Learn how to create a lesson plan that incorporates the range of learning activities
- f) Developing Course Material and delivering an effective Training Needs Analysis
- g) Learn how to motivate participants and to maintain attention
- h) How to ensure participants active involvement throughout the training.
- i) Consider group learning and collaborative learning techniques.
- j) Stay up to date with industry instructional techniques
- k) How to manage difficult students and topics

Detailed Content / Topics – The following Subjects will be addressed

Day 1

- General Introduction
- EASA Regulatory Introduction
- Understanding EASA Workshop Component Certification, I.A.W UG.CAO.00126-003
- Managing Competence - Component certifying staff qualification criteria.
- Working with Component Maintenance Manuals
- Understanding the role of Component Vendor Service Bulletins
- The Adult Learning Experience – Andragogy
- Delivering Effective Training – Personal Considerations
- The Theoretical Component Maintenance Trainer’s Learning Path
- Introduction to Student Learner Styles
- Introductions Icebreakers and Warm Ups
- What is Motivation – How to Encourage
- Learning Styles – How to Maximize Absorption

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Detailed Content / Topics – The following Subjects will be addressed

Day 2

- Developing the Aviation Training Program – Practical Considerations
- Curriculum Design to comply with Andragogical Principles
- Learn How to Maintain Participants Motivation and Attention
- Designing your own Presentation – Principles and Fundamentals
- Giving Feedback, How When and Where
- Speaking in Public – Developing your Skills
- Practical Speaking – Workshop Activity
- Considering the Phases of Instruction
- The Use of Case Studies
- Designing your own Course Material
- Performing an effective Training Needs Analysis (TNA)

Day 3

Lesson Planning

Developing a Component Training Course to include the following elements

- Introduction
- Description and operation
- Testing and fault isolation
- Schematic and wiring diagrams
- Disassembly
- Cleaning
- Inspection and check
- Repair
- Assembly
- Fits and clearances
- Testing
- Special tools, fixtures, equipment, and consumables
- illustrated parts list review & configuration assessment
- Special procedures
- Removal (If applicable)

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Detailed Content / Topics – The following Subjects will be addressed

- Installation (If applicable)
- Servicing (If applicable)
- Storage & Shelf-Life considerations
- Rework considerations (If applicable)
- Final Review & Close Out

Target Groups

This course will be of very significant benefit to potential Technical workshop trainers who need to have the necessary competence to deliver effective courses within your organisation or independently

Training Department Managers and other Training staff will also benefit from attendance to this course.

Pre-requisites

A background in Aviation Maintenance with specific workshop experience would be an advantage.

Learning Objectives

After attending this course, participants should be able to develop a company-specific workshop theoretical training program compliant with Part 145 requirements.

Certificate Wording

EASA Part 145 Workshop Theoretical Instructional Techniques, Andragogical Principles, Performing TNA, Delivering Effective Training, Developing Effective Training Programs, Communication / Feedback / Speaking in Public. Balancing Presentation, Case Studies & Lesson Planning.

What do People Say about Sofema Aviation Services Training?

- "The instructor used the right words to explain the material."*
- "The discussions among the group were very beneficial."*
- "The instructor showed a very resourceful background and experience."*
- "All sections of the course were related to my field."*
- "Adequate answers were given to specific questions."*

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Duration

3 days – Start at 09.00 and finish at 17.00, with appropriate refreshment breaks.

To register for this training, please email team@sassofia.com or Call +359 28210806.



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