

AMC 20-20 Continuing Structural Integrity Programme – 1 Day

Introduction

This course is specifically designed to add competence to persons working in an EASA Part CAMO environment.

EASA issued AMC 20-20 to provide guidance to type-certificate holders, STC holders, repair approval holders, maintenance organisations, operators and competent authorities related to

- Developing a continuing structural integrity programme to ensure the safe operation of ageing aircraft throughout their operational life
- Including provision to preclude Widespread Fatigue Damage.

The course is focused on large aeroplanes, typically operated by Air Carriers (Commercial Air Transport).

Note: EASA advises the following - While these guidelines are not mandatory, they are derived from extensive industry experience in determining compliance with the relevant requirements. Like all acceptable means of compliance material, this AMC is not in itself mandatory and does not constitute a requirement. It describes an acceptable means, but not the only means, for showing compliance with the requirements.

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

- a) At the end of this Training the delegate should have a comprehensive understanding of the methodology to ensure compliance with Continuing Structural Integrity Programme
- b) the Roles and responsibilities associated with the management of the Supplemental Structural Inspection Programme (SSIP) and its relationship with MSG-3
- c) To be able to effectively assess both the regulatory compliance and suitability of operators’ Maintenance Programmes.
- d) Achieve a solid understanding related to Part- CAMO Continued Airworthiness Management (CAM) and the Continuing Airworthiness Organisation (CAMO) management of the AMP
- d) Be able to use the regulation to proactively manage the oversight of regulatory compliance related to the AMP and its control processes
- e) Understand the activities which support the analysis of Safety Data including SBs and ADs
- f) Understand the impact of the various elements on the AMP with the ability to assess exposure and viability and identify potential weaknesses within the system.

tel + 359 2 821 08 06
email team@sassofia.com

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Date	On Demand
Category	Personal Development
Venue	On Demand
Level	Basic
Price	On Demand

Who is the course for?

All personnel with duties and/or responsibilities in ensuring effective oversight of the Airline Engineering Technical Services and Aircraft Maintenance Program. (AMP) Management, Competent Authority (CA) Quality Assurance Staff. Also of Interest to other persons working in an EASA Part-CAMO Environment or Part M Quality System. Technical Managers & Lease Companies.

Detailed Content / Topics - The following Subjects will be addressed

- Definitions and Acronyms
- Continuing Structural Integrity - Introduction
- Supplemental Structural Inspection Programme (SSIP)
- Service Bulletin Review and Mandatory Modification Programme
- Corrosion Prevention and Control Programme (CPCP)
- Repair Evaluation Guidelines (REG) and Repair Assessment Programme (RAP)
- Limit of Validity (LOV) of the Maintenance Programme and Evaluation for Widespread Fatigue Damage (WFD)
- Supplemental Type-Certificates and Modifications Implementation
- Appendix 1 – Guidelines for Development of a Supplementary Structural Inspection Programme
- Appendix 2 – Guidelines for the development of a programme to preclude the occurrence of widespread fatigue damage.
- Appendix 3 -Guidelines for establishing instructions for continued airworthiness of structural repairs and modifications
- Appendix 4 – Guidelines for the Development of a corrosion control programme
- Appendix 5 – Guidelines for the development of an SB review and mandatory modification programme

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Target Groups

This course is aimed at Competent Authorities, (CA / NAA staff.) EU Operators, Part M CAMOs, Quality Managers, CAMs, Airworthiness Review Staff,

Pre-requisites

A background in an aviation environment will benefit the delegate including a good understanding of Part M – Maintenance Planning, Airworthiness Review, and Part 21 Certification processes.

Learning Objectives

To provide delegates with an overview of Aircraft Maintenance Program obligations related to Continuing Structural Integrity Programme including Functional Elements and techniques to deliver effective oversight.

What do People Say about Sofema Aviation Services Training?

"I found satisfying answers to all my questions."
"The instructor demonstrated very deep knowledge of the subject."
"The length of the course fit my needs and expectations."
"The content was really effective, I gained a lot of new knowledge."
"The practical examples were perfectly delivered."

Duration

1 day – 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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