

# AMC 20-20 Continuing Structural Integrity Programme – 1 Day

AMC4 CAMO.A.305(g) Personnel Requirements ED Decision 2020/002/R

## 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 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.

## 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.

## 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 methodology to ensure compliance with Continuing Structural Integrity Programme
- b) the Roles and responsibilities associated with the management of Supplemental Structural Inspection Programme (SSIP) and relationship with MSG-3

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

- 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 SB's and AD's
- 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.

## Why Should I choose SAS for the training?

Sofema Aviation Services a Regulatory training and consulting company with 45 years commercial aviation experience and 13 years operational experience. Since we started we have provided certificates to approx 27,500 delegates we have grown for 2 primary reasons!

The first is that we are professional and we listen to our customers. Please visit our [download area](#) as an example of how we engage with our customer.

The second is not only the fact that our prices are far more cost effective than our competitors it is that our [discount program](#) leaves all the others way behind – please do not take our word for it check it out!

## What Makes SAS AMC 20-20 Continuing Structural Integrity Programme – 1 Day Training Different?

Because our courses are written by people who have lived through the regulations. The author of the training material has more than 30 years' experience as an auditor across the entire regulatory spectrum.

At Sofema Aviation Services our focus is on accepting that compliance with Regulations is in fact minimum compliance. Interpreting the regulations in a way which enables the development and optimisation of our business is where we should see opportunity to drive efficiencies and cost saving.

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## 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 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 development of a corrosion control programme
- Appendix 5 – Guidelines for the development of a SB review and mandatory modification programme

## Target Groups

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

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## 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?

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

## Duration

1 day – each day will commence at 09.00 and finish at 17.00, with appropriate refreshment breaks. To register for this training, please email [team@sassofia.com](mailto:team@sassofia.com) or Call +359 28210806

Sofema Aviation Services offers a flexible approach to developing all in-company training courses which are specific to the client's needs. If you would like additional information concerning how course content may be configured to be more appropriate for your organisation please email [office@sassofia.com](mailto:office@sassofia.com)



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