



TRAINING COURSE DETAILS

## Indonesia DGCA CASR Part 145 & Part 43 Recurrent -2 Days

### INTRODUCTION

Civil Aviation Safety Regulation (CASR) Part 145 Approved Maintenance Organizations sets forth Indonesia DGCA regulations for an organization to obtain a certificate to perform maintenance, preventive maintenance and alterations for Indonesia registered aircraft and their component parts.

The work must be performed in accordance with CASR Part 43 which defines the requirements for who can work on the aircraft, and who can sign off the aircraft logbook. It also defines the standards for work, which is performed, and record keeping requirements.

This 2-day recurrent training course includes the basic elements of CASR Part 145, and relative sections of CASR Part 43 relevant to the maintenance and inspection of large aircraft and repair and overhaul of aircraft components.

### WHO IS THIS COURSE FOR?

This course is ideally suited to Key Management Personnel, Management Personnel, Quality Auditors, Maintenance Personnel, Inspection Personnel, and Return to Service Personnel, and anyone with an interest to understand how to achieve compliance with CASR Part 145 and Part 43 and their relationship to Air Carrier/Operator responsibilities.

### WHAT IS THE BENEFIT OF THIS TRAINING - WHAT WILL I LEARN?

- a) Refresh knowledge of the structure, composition, and impact of the Republic of Indonesia DGCA CASR Parts 43 & 145.
- b) Understand organizational roles and responsibilities in compliance to CASR Part 145.
- c) Understand the environment driving the Part 145 process to focus your business decision-making process.
- d) Understanding the concepts of airworthiness, and its importance to ensure safety of flight.
- e) Confidence in gaining a detailed knowledge of the key components of CASR Part 145.

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Personal Development

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## WHAT IS THE BENEFIT OF THIS TRAINING - WHAT WILL I LEARN?

- f) Have an in-depth understanding of the interface between CASR Parts 145 and 43 roles, responsibilities, and obligations.
- g) Be able to demonstrate CASR Part 145 functionality, and to avoid, or mitigate problems.
- h) A detailed understanding of the CASR Part 145 Quality and Safety System.
- i) Be able to use the regulation to proactively manage full compliance within an Aircraft Maintenance Organization (AMO).

## WHY SHOULD I CHOOSE SAS FOR THE TRAINING?

Sofema Aviation Services is a Regulatory training and consulting company with 45 years commercial aviation experience and 10 years operational experience. Since we started, we have provided certificates to approximately 20,000 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 customers.

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 INDONESIA DGCA CASR PART 145 TRAINING DIFFERENT?

Because our courses are written by experts who have managed Republic of Indonesia DGCA Approved Maintenance Organizations in an operations capacity, and in a Quality & Safety role. This allows the instructor to draw on his knowledge and relate to his experiences to deliver an effective training session beneficial for the delegates.

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

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## DETAILED CONTENT / TOPICS (the following subjects will be addressed)

- Terms and Definitions
- Responsibility for Airworthiness
- Refresher of the CASR Part 145 Framework

145.103 Housing and facilities requirements – What is involved in managing the AMO housing and facilities? – What are the challenges?

145.109 Equipment, materials, and data requirements – How to manage and control? – What are the challenges and issues?

145.111 Sources of aeronautical product – What are the responsibilities of the Supplies Department and the Certifying Personnel –Configuration Control & STC

145.151 Personnel requirements – Obligations and engagement with the AMO

Assessing the competence of personnel selected to fulfill:

- 145.153 Manager or Supervisory personnel requirements
- 145.155 Inspection personnel requirements
- 145.157 Certifying personnel to approve an article for return to service
- 145.159 Auditor requirements
- 145.161 Records of management, supervisory, inspection, and certifying personnel

-145.163 Training requirements

-145.165 Hazardous materials training

-145.201 Privileges and limitations of certificate – Maintenance Release

-145.205 Maintenance, preventive maintenance, and alterations performed for certificate holders under parts 121, 135, and for foreign air carriers or foreign persons operating an Indonesian registered aircraft in common carriage under CASR Part 129 – Aircraft Maintenance Program Responsibilities – Line Maintenance limitations

-145.211 Quality and Safety system - Review of the Quality Control System and the Roles and Responsibilities of the Organization's Personnel

-145.213 Inspection of maintenance, preventive maintenance, or alterations Approval for Return to Service – Authorized Release Certificate

-145.215 Capability list – Review of the self-evaluation process

-145.219 Recordkeeping – What constitutes Part 145 records – Considering Mandatory & Organizational Obligations

-145.221 Reports of failures, malfunctions, or defects – Considering the role of Occurrence Reporting External and Internal

-145.223 DGCA inspections – Samples of DGCA Audit Checklists

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Review of CASR Part 43

- Who Can Work on An Aircraft?
- Who Can Sign-Off Work Performed on An Aircraft?
- Performance Rules
- Recordkeeping
- Major Alterations, Major Repairs, and Preventive Maintenance
- Recording of Major Repairs and Major Alterations

## TARGET GROUPS

Quality Managers; Quality Engineers; Inspection Personnel; Certifying Personnel; Safety Managers; Maintenance Managers; Maintenance Engineers / Technicians / Mechanics; Technical Services / Engineering Staff; Maintenance Planning Staff; Stores Personnel; Technical Records Staff from the following organizations:

Operators/Air Carriers, Repair Stations/Approved Maintenance Organizations, Staff from National Aviation Authorities and MRO (Maintenance, Repair and Overhaul) approval holders; Organizations seeking Indonesia DGCA CASR Part 145 approval.

## PRE-REQUISITES

This course is intended for delegates who have previous CASR Part 43 and Part 145 experience together with a working level of the understanding of the regulations.

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Aviation services



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## LEARNING OBJECTIVES

By the end of this course, delegates will be able to:

- Secure knowledge of the key components of CASR Part 43, and CASR Part 145.
- Provide examples as to the 'know how' as well as the 'know what' by looking at a practical perspective of CASR Part 145.
- Understand the Interface between CASR Part 145, and CASR Part 43.
- Provide a regulatory and industry perspective for staff involved in Part 145 maintenance.

## DURATION

3-days – each day will commence at 09.00 and finish at 17.00, with appropriate refreshment breaks.

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 organization please email [office@sassofia.com](mailto:office@sassofia.com)

To register for this training, please email [office@sassofia.com](mailto:office@sassofia.com) or Call +359 28210806

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