

# Kingdom of Saudi Arabia GACAR Part 145 & GACAR Part 43 for Repair Stations – Initial – 3 Days

## Introduction

Civil aviation has a long history in the Kingdom of Saudi Arabia. In the early years of civil aviation in the Kingdom of Saudi Arabia the aviation activity was not formally regulated. As aviation activity increased and international safety norms evolved, it became necessary for aviation regulations.

The first aviation safety regulatory approach implemented in the Kingdom of Saudi Arabia was to adopt the aviation safety regulations published by the United States of America. These regulations served the Kingdom of Saudi Arabia well but they did not properly address the unique characteristics of civil aviation in the Kingdom of Saudi Arabia.

Eventually the Kingdom of Saudi Arabia promulgated its own set of civil aviation regulations but these regulations were still based, in large measure, on the regulations of the United States of America. With the publication of the GACAR, the Kingdom of Saudi Arabia now has civil aviation regulations covering all aspects of civil aviation activity in the Kingdom.

For mechanics working on the Kingdom of Saudi Arabia registered aircraft or aircraft components in a Maintenance Repair & Overhaul (MRO) environment, it is essential that they have a good understanding of GACAR Part 43 Maintenance, Preventive Maintenance, Rebuilding and Alteration. GACAR Part 43 sets the requirements for what kinds of Kingdom of Saudi Arabia registered aircraft mechanics can work on, who can work on the aircraft, and who can sign off the aircraft's logbook. It also defines the standards for the work which is performed, record keeping requirements, and ensures that an aircraft is "airworthy" after work has been performed.

GACAR Part 145 Repair Stations sets forth safety standards necessary to inspect and maintain aircraft and aircraft parts. These safety standards ultimately benefit the maintenance personnel, passengers, and flight crew. For example, Subpart C Housing and Facilities requirements are designed to keep maintenance personnel safe and provide a safe working environment, while Subpart E Operating Rules result in a safe aircraft that can be used by flight crews to provide a safe and efficient mode of transportation.

This training course describes in detail GACAR Part 43 and GACAR Part 145 and the relationship to the Kingdom of Saudi Arabia air carriers for a foreign certificated repair station located outside the Kingdom of Saudi Arabia.

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<b>Category</b>	Personal Development
<b>Venue</b>	On Demand
<b>Level</b>	Basic
<b>Price</b>	On Demand

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

The course covers topics such as organizational requirements, maintenance procedures, record-keeping, and quality control to ensure participants gain a comprehensive understanding of compliance and best practices in their repair station operations.

## Who is the course for?

The course is for individuals and personnel working in aircraft repair stations in Saudi Arabia. The course provides comprehensive training on the General Authority of Civil Aviation of Saudi Arabia (GACAR) regulations Part 145 and Part 43, aiming to ensure repair stations' compliance and proficiency in operating under these regulations.

## Detailed Content / Topics - The following Subjects will be addressed

- Terms and Definitions
- Introduction and Structure of the GACARs
- Understanding Airworthiness
- GACAR Part 145 Framework
- GACAR Part 145 Subpart A – General
  - 145.1 Applicability
  - 145.5 Certificate and Operations Specifications Requirements
- GACAR Part 145 Subpart B – Certification
  - 145.15 Application for Certificate
  - 145.17 Issue of Certificate
  - 145.19 Duration of Certificate
  - 145.21 Renewal of Certificate
  - 145.23 Amendment to or Transfer of Certificate
  - 145.27 Limited Ratings
- GACAR Part 145 Subpart C – Housing, Facilities, Equipment, Materials, and Data
  - 145.37 General
    - 145.39 Housing and Facilities Requirements
    - 145.41 Change of Location, Housing, or Facilities
    - 145.45 Equipment, Materials, and Data Requirements
- GACAR Subpart D – Personnel
  - 145.55 Personnel Requirements
  - 145.56 Management Personnel Required
  - 145.57 Supervisory Personnel Requirements
  - 145.59 Inspection Personnel Requirements

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## Detailed Content / Topics - The following Subjects will be addressed

- 145.61 Personnel Authorized To Approve an Article for Return to Service
- 145.63 Recommendation of a Person for Certification as a Repairman
- 145.65 Records of Management, Supervisory, and Inspection Personnel
- 145.67 Training Requirements
- 145.69 Dangerous Goods Training
- GACAR Part 145 Subpart E – Operating Rules
- 145.79 Privileges and Limitations of Certificate
- 145.81 Work Performed at Another Location
- 145.83 Maintenance, Preventive Maintenance, and Alterations Performed for Certificate Holders Operating Under GACAR Part 121, 125, 133 or 135
- GACAR Part 145 Subpart E – Operating Rules (continued)
  
- 145.87 Repair Station Manual
- 145.89 Repair Station Manual Contents
- 145.91 Quality Control System
- 145.93 Safety Management Systems
- 145.95 Inspection of Maintenance, Preventive Maintenance, or Alterations
- 145.97 Capability List
- 145.99 Contract Maintenance
- 145.101 Recordkeeping
- 145.102 Electronic Recordkeeping
- 145.103 Service Difficulty Reports
- 145.105 Inspections
- GACAR Part 43 Maintenance, Preventative Maintenance, Rebuilding, and Alteration
- Applicability of Part 43
- Who Can Work on an Aircraft?
- Who Can Sign-off Work Performed on an Aircraft?
- Performance Rules
- Recordkeeping
- Part 43 Appendices

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## Target Groups

Operators/Air Carriers, Maintenance Organisations, Regulatory Staff from National Aviation Authorities, and MRO (Maintenance, Repair and Overhaul) approval holders.

## Pre-requisites

A background in an aviation environment.

## Learning Objectives

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

- Secure knowledge of the key components of GACAR Part 145 and GACAR Part 43.
- Provide examples as to the 'know how' as well as the 'know what' by looking at a practical perspective of GACAR Part 145 and GACAR Part 43.
- Implement GACAR Part 145 within an Organization.
- Understand the interface between GACAR Part 145 and GACAR Part 43.
- Provide a regulatory and industry perspective for staff involved in GACAR 145 in accordance with the maintenance rules of GACAR Part 43.

## What do People Say about Sofema Aviation Services Training?

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

## 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](mailto:team@sassofia.com) or Call +359 28210806

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