

---

# ADVISORY CIRCULAR

<b>SUBJECT:</b>  TYPES OF APPROVED DATA FOR ALTERATIONS AND REPAIRS ON SAUDI ARABIAN REGISTERED AIRCRAFT	<b>DATE:</b>  2016-02-03	<b>AC NUMBER:</b>  021-03	<b>VERSION:</b>  1.0
--	--------------------------------	---------------------------------	----------------------------

**NOTE: THIS ADVISORY CIRCULAR IS PUBLISHED TO PROVIDE REGULATORY INFORMATION AND DESCRIBE ACCEPTABLE MEANS OF COMPLIANCE WITH THE GENERAL AUTHORITY OF CIVIL AVIATION REGULATIONS (GACAR).**

## CHAPTER 1 – INTRODUCTION

### 1.1 Purpose.

The purpose of this advisory circular is to provide information to the Kingdom of Saudi Arabian aviation industry on the different types of approved data that may be used when carrying out alterations and repairs on Saudi Arabian registered aircraft. This guidance material represents an acceptable means of compliance with the application requirements prescribed in GACAR Part 43.

### 1.2 Applicability.

This advisory circular is applicable to aircraft owners, operators and aircraft maintenance personnel for aircraft on the Saudi National Aircraft Register.

### 1.3 Cancellation.

This is the first official version of this Advisory Circulars.

### 1.4 Related Regulatory Provisions.

GACAR Parts 1, 21, and 43.

### 1.5 Related Reading Material.

None.

### **1.6 Definitions of Terms Used in this Advisory Circular.**

Affected parties should refer to Subpart A of GACAR Part 1 for a full listing of defined terms used in the new GACAR. Many new or revised definitions have been added to the GACAR. This Advisory Circular does not introduce any new terms.

### **1.7 Approval.**

This Advisory Circular has been approved for publication by the Assistant President, Safety, Security and Air Transport Sector of the General Authority of Civil Aviation.

## **CHAPTER 2 – TYPES OF APPROVED DATA FOR ALTERATIONS AND REPAIRS**

### **2.1 General.**

This chapter summarizes the types of data that have been determined by the President to be “Approved Data”. These types of data may be used as the basis for alterations and repairs to Saudi Arabian registered aircraft under GACAR Part 43. Table 2-1 summarizes the different types of approved data and indicates whether they can be used for alterations and repairs under the regulatory provisions of GACAR Part 43.

**Table 1 - Types of Approved Data for Alterations and Repairs on Saudi Arabian Registered Aircraft**

<i>Type of Approved Data (i.e. Approval type)</i>	<i>Can be used for Alterations and Repairs? [i.e. meets GACAR § 43.21(a)]</i>
FAA STC	Yes (except for the few exceptions listed in GACAR Part 21)
EASA STC	Yes (only when validated by GACA under GACAR Part 21)
AD issued by the FAA	Yes
AD issued by the CAA of the State-of-Design	Yes
Manufacturer's Major Design Change Documentation (e.g. EASA Major Change Approval, SB)	Yes (only when approved by FAA or validated by GACA)
Manufacturer's Continued Airworthiness Documentation (e.g. SRM, SB)	Yes (only when approved by the CAA of the State-of-Design)
Repair design approvals issued by designee working for a US aircraft manufacturer (using FAA form 8100-9 or 8110-3)	Yes
Other foreign repair design approvals	Yes (only when validated by the GACA or the FAA)
FAA AC 43.13-1 & -2	Yes (but only under certain specified conditions as prescribed in the subject FAA AC)
Repair Data Issued Under FAA SFAR 36 Authorizations	No
Statements of Compliance made by FAA engineering designee individuals (e.g. FAA Form 8110-3 issued by DER)	No
Statements of Compliance made by FAA engineering designee organization (e.g. DAS, ODA)	Yes (for repairs only)

<i>Type of Approved Data (i.e. Approval type)</i>	<i>Can be used for Alterations and Repairs? [i.e. meets GACAR § 43.21(a)]</i>
Statements of Compliance made by a foreign delegated individual other than an FAA designee	Maybe (for repairs only and only if FAA has a bilateral to accept such statements)
Statements of Compliance made by a foreign delegated organization other than an FAA designee	Maybe (for repairs only and only if FAA has a bilateral to accept such statements)
GACA STC	Yes
GACA RDA	Yes
Engineering Data issued by a GACAR Part 121 Air Carrier	Yes (provided it is GACA approved)
AD issued by GACA	Yes
Statements of Compliance made by GACA Designated Engineering Representatives (DER)	No
FAA Field Approval	Maybe (GACA will only accept FAA Field Approvals issued to aircraft before time of importation into KSA)
“No Technical Objection” issued by manufacturer	No
Alterations and Repairs classified as “minor with additional showing of compliance” by an EASA approved design organization	Maybe (GACA will accept on a case-by-case basis)

**NOTES:**

The GACA Airworthiness Engineering section should be consulted when determining the acceptability for any types of data/approvals not listed in this table.

As defined in GACAR Part 1, *Approved data* means data approved, or deemed approved, by the President for use in the performance of repairs and alterations to products and articles. Approved data includes, but is not limited to, type design data approved under GACAR Part 21, structural repair manuals issued by aircraft manufacturers, and design data referred to in airworthiness directives.