



GACA Circular No. R-12-2010

15 April 2010

TO: GACA CERTIFICATE HOLDERS AND OPERATORS OF SAUDI
ARABIAN REGISTERED AIRCRAFT

SUBJECT: Periodic determination of weight and balance

In accordance with the Civil Aviation Act of the Kingdom of Saudi Arabia (KSA) as approved by the Council of Ministers Resolution No. 185 dated 17/07/1426H and issued by the Royal Decree No. M/44 dated 18/07/1426H. (23/08/2005G), and based on the authority granted in Article 179 of the Act, the following Regulations are issued under the authority of the President of General Authority of Civil Aviation, as a duly delegated representative of the GACA Board of Directors, in accordance with Order No.T-41, dated 30/12/1429H (28/12/2008G).

The GACA requires that:

With effect from 01/01/2012:

1. Aircraft shall be weighed at intervals not to exceed 36 calendar-months. An operator may, however, extend this weighing period for a particular model aircraft when pertinent records of actual routine weighing during the preceding period of operation show that weight and balance records accurately reflect aircraft weights and CG positions are within the cumulative limits specified for establishment of empty weights noted below.

Large-cabin aircraft	+/- 10 lb or greater.
Medium-cabin aircraft	+/- 5 lb or greater.
Small-cabin aircraft	+/- 1 lb or greater.

Under an individual aircraft weighing program, an increase may not be granted which would permit any aircraft to exceed 48 calendar-months since the last weighing, including when an aircraft is transferred from one operator to another. In the case of helicopters, increases shall not exceed a time that is equivalent to the aircraft overhaul period.

NOTE:

Per section GACA/FAR 125.91(b), no person may operate an airplane in a part 125 operation, unless the current empty weight and CG are calculated from the values established by an actual weighing of the airplane within the preceding 36 calendar-months.



2. When approved in accordance with Operations Specifications, an air operator may choose to weigh only a portion of the fleet every 36 months and apply the weight and moment change determined by these sample weighings to the remainder of the fleet.

More details on weight and balance control can be found in FAA Advisory Circular AC120-27E (or later revision).

This Circular is published at GACA official website: <http://www.gaca.gov.sa>

Any inquiries or feedback concerning GACA Regulations shall be addressed to VP GACA-S&ER, Fax No. +966-2-6855284.

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President, General Authority of Civil Aviation,
Kingdom of Saudi Arabia,

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