

# Democratic Socialist Republic of Sri Lanka



## Civil Aviation Authority of Sri Lanka

### Implementing Standards

(Issued under Sec. 120, Civil Aviation Act No. 14 of 2010)

### Title: Mass and Balance Requirement for Aircrafts

Reference No. : IS-6-(i)-App.2

SLCAIS : 085

Date: 01<sup>st</sup> January 2018

Pursuant to Sec.120 of the Civil Aviation Act No.14 of 2010 which is hereinafter referred to as the CA Act, Director General of Civil Aviation shall have the power to issue, whenever he considers it necessary or appropriate to do so, such Implementing Standards for the purpose of giving effect to any provision in the CA Act, Regulations or Rules made thereunder including the Articles of the Convention on International Civil Aviation specified in the Schedule to the CA Act.

Accordingly, I, being the Director General of Civil Aviation do hereby issue the Implementing Standards on **Mass and Balance Requirement For Aircraft** as mentioned in the Attachment hereto (Ref: Attachment No. IS-6-(i)-App.2-Att.), elaborating the requirements to be satisfied for the effective implementation of the International Standards and Recommended Practices contained under Appendix 2, paragraph 2.1.14 and 2.2.6 of Annex 6 part I "Aircraft Operations" which is supplemented by 'ICAO Airworthiness Manual DOC 9760 part III Chapter 07'.

This Implementing Standard shall be applicable to every aircraft registered in Sri Lanka and shall come in to force with immediate effect and remain in force unless revoked.

The IS-085 shall be effective on 01<sup>st</sup> January 2018 and will be applicable on 01<sup>st</sup> January 2018. It will supersede the requirement in Aviation Safety Notice (ASN) 12.

H.M.C. Nimalsiri  
Director General of Civil Aviation and  
Chief Executive Officer

Civil Aviation Authority of Sri Lanka  
04, Hunupitiya Road  
Colombo 02.

Enclosure: Attachment no. IS-6-(i)-App.2-Att.

## **Implementing Standards**

### **SLCAIS-085: Mass and Balance Requirement for Aircrafts**

#### **APPLICABILITY:**

The Aircraft Manufacturers specify the aircraft Mass and Balance parameters for each type of aircraft. The operators of all aircraft registered in Sri Lanka are required to follow the following Mass and Balance requirements.

- a) All aircraft to have a current Mass and Balance report complete with an up-to-date equipment list certified by an approved Maintenance Organization.
- b) All transport category aircraft not on a fleet Mass and Balance Control System to be re-weighed every five years and a Mass and Balance Report to be produced complete with an up-to-date equipment list certified by an AMO.
- c) All small aircraft and helicopters to be re-weighed every eight years and a Mass and Balance Report and equipment list to be produced and certified by an AMO or type rated AML holder.

Small aircraft means Maximum Take Off Mass < 5700 kg

- d) All weighing equipment should be calibrated accordingly and a calibration report to be submitted along with the Mass and balance report. When using tooling requiring test, calibration or measurement, a maintenance organization shall ensure that the calibration or measurement interval required by the tooling manufacturer is complied with.

In addition to the above, anytime the Weight of an aircraft is changed due to any reason, it is required to amend the Mass and Balance Report and the equipment list to reflect the changes made. The amended Mass and Balance Report should be certified by an approved Maintenance Organization or by a type rated AML holder.