

# INTERNATIONAL STANDARD

**ISO**  
**6702-2**

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## **Aircraft — Requirements for on-board weight and balance systems —**

### **Part 2:**

Design, performance and interface  
characteristics

*Aéronefs — Prescriptions pour les systèmes embarqués de masse et de  
centrage —*

*Partie 2: Caractéristiques de conception, de performance et d'interface*



Reference number  
ISO 6702-2:1991(E)

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

International Standard ISO 6702-2 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Sub-Committee SC 9, *Air cargo and ground equipment*.

ISO 6702 consists of the following parts, under the general title *Aircraft — Requirements for on-board weight and balance systems*:

- *Part 1: General*
- *Part 2: Design, performance and interface characteristics*

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International Organization for Standardization

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# Aircraft — Requirements for on-board weight and balance systems —

## Part 2:

### Design, performance and interface characteristics

#### 1 Scope

This part of ISO 6702 specifies the detailed design, performance and interface characteristics required for civil transport aircraft on-board weight and balance systems (OBWBS) meeting the general requirements of ISO 6702-1, of class I or class II.

#### 2 Requirements

Requirements are specified in ARINC 737:1985, *On-board Weight and Balance System*, together with its

Supplement 1 published in 1988<sup>1)</sup>, which are adopted as a *de facto* ISO International Standard.

#### 3 Revision of ARINC 737 and its Supplement 1

It has been agreed with ARINC that Technical Committee ISO/TC 20 will be consulted in the event of any revision or amendment of ARINC 737 or its Supplement 1.

1) Copies of ARINC 737:1985 and its Supplement 1 may be obtained from Aeronautical Radio, Inc., 2551 Riva Road, Annapolis, Maryland 21401, USA.