INTERNATIONAL STANDARD

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Second edition
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Aircraft — Jacking pads

Aéronefs — Points d'appui du vérin de levage

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Contents

Page

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT) see the following URL: www.iso.org/iso/foreword.html.

ISO 43 was prepared by Technical Committee ISO/TC 20, *Aircraft and space vehicles*, Subcommittee SC 9, *Air cargo and ground equipment*.

This second edition cancels and replaces the first edition (ISO 43:1976), of which Clause 4 and Figure 1 to Figure 6 has been technically revised to add a seventh size for heavier aircraft.

Aircraft — Jacking pads

1 Scope

This document specifies the profiles and dimensions of aircraft jacking pads and the minimum clearance to be provided around them. Aircraft jacking pads, also called adapters, can be attached to primary flight structure (PFS) or to axles.

2 Normative references

There are no normative references in this document.

3 Terms and definitions

No terms and definitions are listed in this document.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

— IEC Electropedia: available at http://www.electropedia.org/

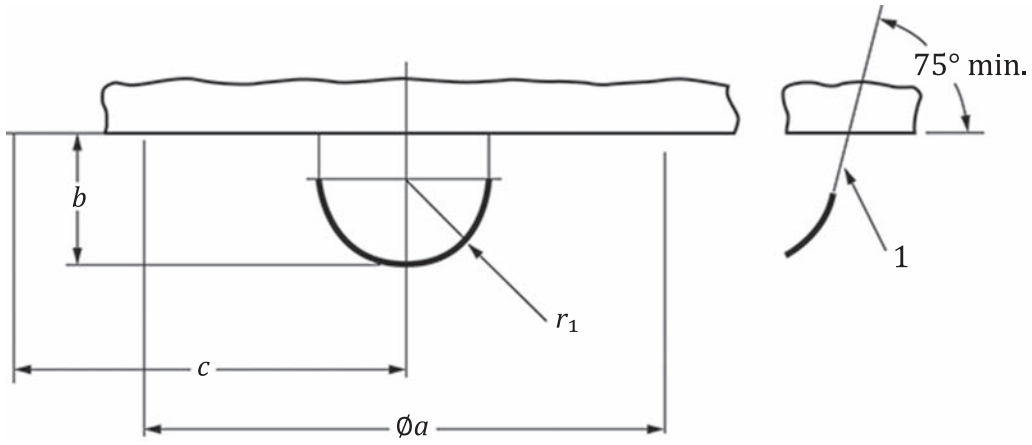
— ISO Online browsing platform: available at http://www.iso.org/obp

4 Required characteristics

Aircraft jacking pads are to be limited to the seven types specified below, which specify the shape, size and clearances to be provided around the pads.

They shall meet the shape specified in Figure 1 and the dimensions and clearances specified in Table 1 and Table 2 for the type corresponding to their intended load capacity.

Conversion factors: 1 pound force (lbf) = 4,45 Newtons. 1 inch = 25,4 mm



Key

1 optional taper

Figure 1 — Jacking pads adapters categorization