



AEROSPACE INFORMATION REPORT

AIR36105™**REV. B**Issued 2005-04
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Superseding AIR36105A

(R) Air Cargo Unit Load Devices - Reference Documents

RATIONALE

This Aerospace Information Report was prepared in order to provide users with a comprehensive bibliography of the standards and recommendations applying to air cargo Unit Load Devices (ULD).

Revision B, in line with the AS36100B revision, updates the references with new standards, regulations and revisions published since Revision A, published 2011.

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1. SCOPE

1.1 Purpose

- 1.1.1 The present SAE Aerospace Information Report (AIR) provides a list of the main government regulations, SAE and international standards, and standing industry recommendations applying to air cargo unit load devices (pallets, nets, and containers) to be loaded with either baggage or freight on board civil transport aircraft.
- 1.1.2 It is intended to provide unit load devices designers, purchasers, and operators as well as civil transport aircraft and aircraft cargo systems designers within the industry with a list of the available document references to cover the other aspects that do not all directly pertain to airworthiness and testing, listed in 1.1 of AS36100, – Air Cargo Unit Load Devices - Performance Requirements and Test Parameters [TSO-C90].
- 1.1.3 The scope of the listed documents covers airworthiness and continued airworthiness requirements, design and testing methods, design specifications, unit load devices accessories, and the main published rules for their proper operation/utilization and operating staff training.

1.2 Field of Application

- 1.2.1 This Aerospace Information Report (AIR) is intended to apply to all airworthiness approved (certified) general purpose air cargo unit load devices. However, in addition:
- 1.2.2 Many provisions of the listed documents equally apply to non-airworthiness approved (non-certified) containers. Users are invited to review them and take them into account for design and operation of such containers.
- 1.2.3 Special purpose air cargo unit load devices are subject to all pertinent provisions of the listed documents insofar as their general unit load device function is concerned. They often also require purpose specific features and performances: the relevant industry guidance documents are listed herein when available, but they usually define only basic characteristics or requirements that necessitate further expert know-how.
- 1.2.4 This Aerospace Information Report (AIR) does not address the mandatory or optional character of the listed documents, and does not take responsibility for determining it. It pertains to document users under their responsibilities to determine which of the listed documents, or which of their contents, constitute mandatory requirements (except airworthiness approval requirements for certified units, always mandatory), or to identify equivalent alternate means and validate them to the satisfaction of the approval Authority and/or the purchaser.
- 1.2.5 The reference documents listed in this Aerospace Information Report (AIR) are not intended for use on military transport aircraft. Nothing, however, precludes there being used for guidelines in this case, it pertaining to the military operator to identify and implement any additional applicable criteria.

2. REFERENCES

2.1 Applicable Documents

The following publications form a part of this document to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of the other publications shall be the issue in effect on the date of the purchase order. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

In many instances, identical or closely similar documents are published by several industry sources, principally including ISO International Standards, IATA (Unit Load Devices Regulations), and SAE. In order to facilitate their identification, those documents addressing the same subject are listed together under a same item. See above in the event of a conflict arising between their contents.

2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or +1 724-776-4970 (outside USA), www.sae.org.

Aerospace Standards (AS)

Aerospace Recommended Practices (ARP)

Aerospace Information Reports (AIR).

Aerospace Material Specification (AMS)

NOTE: No revision number is indicated. Check the latest published revision number on the SAE web site.

2.1.2 AIA Publications

Available from Aerospace Industries Association, 1000 Wilson Boulevard, Suite 1700, Arlington, VA 22209-3928, Tel: 703-358-1000, www.aia-aerospace.org.

2.1.3 European Aviation Safety Agency Publications

Available from European Aviation Safety Agency, Postfach 10 12 53, D-50452 Cologne, Germany, Tel: +49-221-8999-000, www.easa.europa.eu.

2.1.4 IATA Publications

Available from International Air Transport Association, Publications Assistant, 800 Place Victoria, P.O. Box 113, Montreal, Quebec H4Z 1M1, Canada, Tel: 1-514-874-0202, www.iata.org.

IATA standard specifications concerning air cargo unit load devices are published in the IATA Unit Load Devices Regulations (ULDR) or, as regards their loading on aircraft, the IATA Airport Handling Manual (AHM).

2.1.5 U.S. Government Publications

Copies of these documents are available online at <http://quicksearch.dla.mil>.