

Schedule 25 **ATSO-C1002 — Refrigerated cargo unit load container**

(subsection 13.2 (1), table, item 5)

1 **Application**

This Schedule applies to a refrigerated cargo unit load container that:

- (a) is for carriage as main cabin (upper deck) cargo in transport category aeroplanes; and
- (b) will be connected to the aeroplane's electrical system; and
- (c) is manufactured by an article manufacturer.

2 **Definitions**

In this Schedule:

NAS 3610 means the document called the National Aerospace Standard (NAS) 3610, *Cargo Unit Load Devices – Specification for*, published by the Aerospace Industries Association of America, Inc., as existing from time to time.

RTCA/DO-160D means the RTCA Document RTCA/DO-160D, *Environmental Conditions and Test Procedures for Airborne Equipment*, as existing from time to time, or a later version of RTCA Document RTCA/DO-160, as existing from time to time.

RTCA/DO-178B means the RTCA Document RTCA/DO-178B, *Software Considerations in Airborne Systems and Equipment Certification*, as existing from time to time.

RTCA/DO-178C means the RTCA Document RTCA/DO-178C, *Software Considerations in Airborne Systems and Equipment Certification*, as existing from time to time.

RTCA/DO-254 means RTCA Document RTCA/DO-254, *Design Assurance Guidance for Airborne Electronic Hardware*, as existing from time to time.

Technical Instructions has the meaning as defined in regulation 92.010 of CASR.

ULD Technical Manual 13th means the *ULD Technical Manual 13th*, published by the International Air Transport Association, as existing from time to time.

3 **Minimum performance standard — general**

- (1) The refrigerated cargo unit load container must meet the requirements mentioned in the following:
 - (a) NAS 3610;
 - (b) AS/NZS 1677.2:1998, *Refrigerating systems, Part 2: Safety requirements for fixed applications* (Category 2 Occupancy Classification), as existing from time to time;
 - (c) SAE ARP 1308, *Preferred Electrical Connectors for Aerospace Vehicles and Associated Equipment*, as existing from time to time;
 - (d) SAE ARP 1199, *Selection, Application, and Inspection of Electric Overcurrent Protective Devices*, as existing from time to time;
 - (e) SAE ARP 1870, *Aerospace Systems Electrical Bonding and Grounding For Electromagnetic Compatibility and Safety*, as existing from time to time.
- (2) The container must meet the requirements mentioned in the following sections of the *ULD Technical Manual 13th*:
 - (a) Standard Specification 50/4 – Certified Aircraft Container;