



Date: 02/11/2000

## Australian Technical Standard Order

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**Subject: ATSO-1C13, LIFE PRESERVERS**

### 1. APPLICABILITY.

This Australian Technical Standard (ATSO) prescribes the minimum performance standards that a manufacturer of a life preserver must meet in order for the item to be identified with the applicable ATSO marking. This ATSO is applicable to all new applications submitted after the effective date of the ATSO. Major changes to the design approved under this ATSO will require a new approval.

### 2. REQUIREMENTS.

Life Preservers that are to be so identified and that are manufactured on or after the effective date of this ATSO must meet the minimum performance standards qualification requirements and minimum documentation requirements of **FAA TSO-C13f, Life Preservers**.

In addition:

- a) the life preserver shall be of an inflatable type, and
- b) a whistle in a suitable stowage shall be fitted to each life preserver other than an infant life preserver.

### 3. CONFORMANCE.

Before marking any life preserver with an ATSO marking as provided for in paragraph 4, the manufacturer must be in receipt of a letter from CASA authorising marking of the life preserver.

#### **4. MARKING.**

- a) Each life preserver manufactured under this ATSO must be permanently and legibly marked with the information required by regulation 21.607 of the Civil Aviation Regulations (1998).
- b) In addition, each life preserver must be marked in accordance with the requirements specified in Appendix 1, Section 4.2, Marking, of FAA TSO-C13f.

#### **5. DATA REQUIREMENTS.**

In addition to the data requirements of regulation 21.605 of the Civil Aviation Regulations (1998), an application for ATSO-1C13 approval must be accompanied by one copy each of the following:

- a) a complete technical description of the life preserver including detail drawings, manufacturing procedures, material identification and specifications.
- b) test results and analysis to substantiate compliance against FAATSO-C13f and the additions referenced in paragraph 2 requirements;
- c) conformity inspection reports for the tested components;
- d) Instructions and limitations in accordance with FAA TSO-C13f;
- e) maintenance instructions in accordance with FAA TSO-C13f;
- f) installation instructions and limitations including stowage area temperatures; and
- g) Qualification and approval test reports.

#### **6. DATA TO BE FURNISHED WITH MANUFACTURED ARTICLES**

- a) One copy of the data specified in paragraphs 5 (d), (e) and (f) of this ATSO and any other data that is necessary for continued airworthiness, must go to each person receiving for use, one or more articles manufactured under an authorisation of this ATSO.
- b) The existence of an ATSO approval, with the article displaying the required marking, does not automatically constitute authority to install and use the article in an aeroplane. Each article must include a note that states the following:

*The conditions and tests required for ATSO approval of this article are minimum performance standards. It is the responsibility of those desiring to install the life preserver either on or within a specific type or class of aircraft to determine that the installation complies with the appropriate airworthiness and operational requirements.*

*(Original signed)*

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2 November 2000