

pamphlet text and layout must be submitted to the Commandant for approval. The text must be printed in each pamphlet exactly as approved by the Commandant. Additional information, instructions, or illustrations must not be included within the approved text and layout. Sample pamphlet text and layout may be obtained by contacting the Commandant. This pamphlet may be combined with the manual required by § 160.076–37 if PFD selection and warning information is provided on the PFD packaging in such a way that it remains visible until purchase.

**§ 160.076–37 Owner's manual.**

(a) *General.* The manufacturer must provide an owner's manual with each inflatable PFD sold or offered for sale. A draft of the manual for each model must be submitted for approval in accordance with § 160.076–13.

(b) *Manual contents.* Each owner's manual must contain the information specified in UL 1180 section 11 and—

(1) In addition to the information specified in UL 1180 section 11.2, instructions that a user may need to partially deflate the PFD to climb out of the water unaided;

(2) The manufacturer's expected service life of the device under normal use with a description of normal and abnormal use as well as conditions that are particularly deleterious;

(3) Warnings about possible misuse which could be hazardous, such as a

warning against wearing a PFD that has automatic inflation under restrictive clothing. Warnings must be presented in a format consistent with ASTM F 1166, section 29;

(4) If the PFD is approved under the LSI provisions of § 160.076–27, an estimate of the user's chances of survival if the user complies with the conditions and assumptions upon which approval of the PFD was based, and an estimate of the chances of survival if the user does not comply; and

(5) If the PFD is conditionally approved, an explanation of the meaning of, and reasons for, the approval conditions.

**§ 160.076–39 Marking.**

(a) *General.* Each inflatable PFD must be marked as specified in UL 1180 section 10 and this section.

(b) PFD Type. Based on its approval certificate, each PFD must be marked as follows—

(1) "Type I PFD";

(2) "Type II PFD";

(3) "Type III PFD"; or

(4) "Type V [*insert exact text of description noted on the approval certificate, if any*] PFD—[*insert text required by paragraph (c) of this section*]. This PFD provides in-water performance equivalent to a Type [*insert performance type criteria noted on the approval certificate*] PFD."

(c) Unless otherwise specified on its approval certificate, a Type V, conditionally approved inflatable PFD

must be marked "approved only when worn".

(d) *Additional markings.* (1) Unless otherwise noted on the approval certificate, each inflatable PFD must be marked with the following:

(i) "NOT APPROVED FOR USE ON COMMERCIAL VESSELS."

(ii) The unique model, style, or part number of the inflation mechanism approved for use on the PFD.

(2) Additionally, where appropriate, each inflatable PFD must be marked with a permanent and prominent warning against any foreseeable misuse of the PFD that will result in a particularly hazardous condition, such as wearing an automatically activated belt-pack style PFD on the back.

(e) *Inflation mechanisms.* Each manual, automatic, or manual-auto inflation mechanism must be permanently marked with its unique model number.

(f) Unless marked with a universal symbol accepted by the Commandant, the inflation handle of a manual inflation mechanism must be marked "Jerk to inflate". The marking must be waterproof, permanent, and quickly readable from a distance of 1.5 m (5 feet).

Dated: June 1, 1995.

**J.C. Card,**

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BILLING CODE 4910–14–P