

§ 160.151-1

46 CFR Ch. I (10-1-06 Edition)

- FASTEN ALL CLOSURES AND ADJUST FOR SNUG FIT.
- THIS PFD MUST BE MAINTAINED, STOWED, AND USED ONLY IN ACCORDANCE WITH THE OWNER'S MANUAL.
- REMOVE HEAVY OBJECTS FROM POCKETS IN AN EMERGENCY.
- [Unless impact tested at high speed as noted on the approval certificate For Type I devices intended for recreational use] DO NOT USE IN HIGH-SPEED ACTIVITIES.
- [For Type I devices intended for recreational use] DO NOT DRINK ALCOHOL WHILE BOATING.

(e) All PFD's. Each hybrid PFD must also be marked with the following information below the text required by paragraph (c) or (d) of this section:

- (1) U.S. Coast Guard Approval Number (insert assigned approval number).
- (2) Manufacturer's or private labeler's name and address.
- (3) Lot Number.
- (4) Date, or year and calendar quarter, of manufacture.
- (5) Necessary vital care or use instructions, if any, such as the following:
  - (i) Warning against dry cleaning.
  - (ii) Size and type of inflation medium cartridges required.
  - (iii) Specific donning instructions.
- (f) Identification of User. Each hybrid PFD must have adequate space within which to mark the name or other identification of the intended user.
- (g) Flotation material buoyancy loss. When kapok flotation material is used, the statement "--REPLACE PFD IF PADS BECOME STIFF OR WATER-LOGGED." must follow the warning "--TRY THIS PFD IN THE WATER EACH SEASON TO SEE IF IT WILL FLOAT YOU WITHOUT INFLATION." required by paragraph (c) or (d) of this section.
- (h) Type equivalence. The exact text to be inserted for Type V hybrid PFDs will be one of the following type equivalents as noted on the Approval Certificate.
  - (i) [Reserved]
  - (j) Approved use. Unless the Commandant has authorized omitting the display of approved use, the exact text to be inserted will be one or more of the following statements as noted on the approval certificate:
    - (1) "all recreational boats and on uninspected commercial vessels"

(2) "all recreational boats and on uninspected commercial vessels. REQUIRED TO BE WORN to meet Coast Guard carriage requirements (except for persons in enclosed spaces as explained in owner's manual)"

(3) "inspected commercial vessels as a WORK VEST only."

(4) "[Insert exact text of special purpose or limitation and vessel(s) or vessel type(s), noted on approval certificate]."

(k) Size Ranges. The exact text to be inserted will be one of the following statements as noted on the approval certificate:

(1) ADULT—For persons weighing more than 40 kg (90 lb).

(2) YOUTH—For persons weighing 23-40 kg (50-90 lb).

(3) CHILD SMALL—For persons weighing 14-23 kg (30-50 lb).

(4) "[Other text noted on approval certificate]."

[CGD 78-174, 50 FR 33928, Aug. 22, 1985, as amended by CGD 78-174A, 51 FR 4351, Feb. 4, 1986; CGD 78-174, 60 FR 2491, Jan. 9, 1995; 60 FR 7131, Feb. 7, 1995]

**Subpart 160.151—Inflatable Liferrafts (SOLAS)**

SOURCE: CGD 85-205, 62 FR 25547, May 9, 1997, unless otherwise noted.

**§ 160.151-1 Scope.**

This subpart prescribes standards, tests, and procedures for approval by the Coast Guard of SOLAS A and SOLAS B inflatable liferafts, and for their periodic inspection and repair at approved facilities ("servicing"). Certain provisions of this subpart also apply to inflatable buoyant apparatus as specified in § 160.010-3 and to inflatable liferafts for domestic service as specified in subpart 160.051.

**§ 160.151-3 Definitions.**

In this subpart, the term:

*Commandant* means the Commandant (G-MSE), United States Coast Guard, 2100 Second Street, SW., Washington, DC 20593-0001.

*Servicing* means periodic inspection, necessary repair, and repacking by a servicing facility approved by the Coast Guard. Requirements for periodic inspection and repair of inflatable liferafts approved by the Coast Guard are

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described in §§ 160.151-35 through 160.151-57.

*SOLAS* means the International Convention for the Safety of Life at Sea, 1974, as amended by the International Maritime Organization through the 1988 (GMDSS) amendments, dated 9 November 1988.

*SOLAS A Liferaft* means a liferaft that meets the requirements of this subpart for an inflatable liferaft complying with SOLAS and equipped with a SOLAS A equipment pack.

*SOLAS B Liferaft* means a liferaft that meets the requirements of this subpart for an inflatable liferaft complying with SOLAS and equipped with a SOLAS B equipment pack.

### § 160.151-5 Incorporation by reference.

(a) Certain material is incorporated by reference into this subpart with the approval of the Director of the Federal Register in accordance with 5 U.S.C. 552(a) and 1 CFR part 51. To enforce any edition other than that specified in paragraph (b) of this section, the Coast Guard must publish notice of change in the FEDERAL REGISTER and make the material available to the public. All approved material is on file at the National Archives and Records Administration (NARA), and at the U.S. Coast Guard, Office of Design and Engineering Standards (G-MSE), 2100 Second Street SW., Washington, DC 20593-0001, and is available from the sources indicated in paragraph (b) of this section. For information on the availability of this material at NARA, call 202-741-6030, or go to: [http://www.archives.gov/federal\\_register/code\\_of\\_federal\\_regulations/ibr\\_locations.html](http://www.archives.gov/federal_register/code_of_federal_regulations/ibr_locations.html).

(b) The material approved for incorporation by reference in this subpart and the sections affected are as follows:

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)  
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

ASTM F 1014-92, Standard Specification for Flashlights on Vessels—160.151-21

INTERNATIONAL MARITIME ORGANIZATION (IMO)

*Publications Section, 4 Albert Embankment, London SE1 7SR, England*

Resolution A.689(17)—Recommendation on Testing of Life-saving Appliances, 27 November 1991, including amendments

through Resolution MSC.54(66), adopted 30 May 1996—160.151-21; 160.151-27; 160.151-31; 160.151-57

Resolution A.657(16)—Instructions for Action in Survival Craft, 19 November 1989—160.151-21

Resolution A.658(16)—Use and Fitting of Retro-reflective Materials on Life-saving Appliances, 20 November 1989—160.151-15; 160.151-57.

NATIONAL INSTITUTE OF STANDARDS AND TECHNOLOGY (FORMERLY NATIONAL BUREAU OF STANDARDS)

*c/o National Technical Information Service, Springfield, VA 22161*

NBS Special Publication 440 (Order No. PB265225) Color: Universal Language and Dictionary of Names, 1976—160.151-15

NAVAL FORMS AND PUBLICATIONS CENTER  
*Customer Service, Code 1052, 5801 Tabor Ave., Philadelphia, PA 19120*

MIL-C-17415E—(Ships)—Cloth, Coated, and Webbing, Inflatable Boat and Miscellaneous Use—160.151-15

[CGD 85-205, 62 FR 25547, May 9, 1997, as amended at USCG-1999-5151, 64 FR 67184, Dec. 1, 1999; 69 FR 18803, Apr. 9, 2004]

### § 160.151-7 Construction of inflatable liferafts.

Except as specified in this subpart, each SOLAS A and SOLAS B inflatable liferaft must meet the requirements of Chapter III of SOLAS. To be approved under this subpart, inflatable liferafts must be constructed in accordance with the following provisions of SOLAS:

(a) Chapter III, Regulation 30, paragraph 2 (III/30.2), General requirements for life-saving appliances.

(b) Chapter III, Regulation 38 (III/38) General requirements for liferafts.

(c) Chapter III, Regulation 39 (III/39) Inflatable liferafts.

(d) Chapter III, Regulation 51 (III/51) Training manual.

(e) Chapter III, Regulation 52 (III/52) Instructions for on-board maintenance.

### § 160.151-9 Independent laboratory.

Tests and inspections that this subpart requires to be conducted by an independent laboratory must be conducted by an independent laboratory accepted by the Coast Guard under subpart 159.010 of part 159 of this chapter to perform such tests and inspections. A list of accepted laboratories is available from the Commandant.