

being immersed for 30 days at 23 plus or minus 2 °C in a 5-percent solution of trisodium phosphate in water.

(h) The buoyant force reduction in paragraphs (a) through (g) of this section is measured in accordance with ASTM D 2842 (incorporated by reference, see §183.5).

TABLE 183.114—FLOTATION PERFORMANCE TESTS

Test 183.114	Area 183.110		
	(b) Engine room bilge	(c) Engine room unless open to atmosphere	(d) Bilge
(a) Vapor test .....	.....	X	.....
(b) 24 hour gasoline test .....	.....	.....	X
(c) 30 day gasoline test .....	X	.....	.....
(d) 24 hour oil test .....	.....	.....	X
(e) 30 day oil test .....	X	.....	.....
(f) 24 hour bilge cleaner test .....	.....	.....	X
(g) 30 day bilge cleaner test .....	X	.....	.....

[CGD 77-145, 43 FR 56859, Dec. 4, 1978; 44 FR 47934, Aug. 16, 1979, as amended by USCG-2000-7223, 65 FR 40059, June 29, 2000]

**Subpart G—Flotation Requirements for Outboard Boats Rated for Engines of More Than 2 Horsepower**

SOURCE: CGD 75-168, 42 FR 20243, Apr. 18, 1977, unless otherwise noted.

GENERAL

**§ 183.201 Applicability.**

(a) This subpart applies to monohull outboard boats that are:

- (1) Less than 20 feet in length; and
- (2) Rated for outboard engines of more than 2 horsepower.

(b) This subpart does not apply to sailboats, canoes, kayaks, inflatable boats, submersibles, surface effect vessels, amphibious vessels, and raceboats.

[CGD 75-168, 42 FR 20243, Apr. 18, 1977, as amended by USCG-1999-5832, 64 FR 34716, June 29, 1999]

**§ 183.202 Flotation and certification requirements.**

Each boat to which this subpart applies must be manufactured, constructed, or assembled to pass the sta-

bility and flotation tests prescribed in §§183.225(a), 183.230(a), and 183.235(a).

**§ 183.205 Passenger carrying area.**

(a) For the purpose of this section a boat is level when it is supported on its keel at the two points shown in Figure 2.

(b) As used in this subpart, the term “passenger carrying area” means each area in a boat in which persons can sit in a normal sitting position or stand while the boat is in operation. Passenger carrying areas are illustrated in Figures 3 through 8.

(c) The length of the passenger carrying area is the distance along the centerline of the boat between two vertical lines, one at the forward end and one at the aft end of the passenger carrying area when the boat is level as illustrated in Figures 3 and 4. For boats with a curved stem inside the passenger carrying area, the forward vertical line is where a line 45 degrees to the horizontal when the boat is level is tangent to the curve of the stem, as illustrated in Figure 5. For boats with cabins, the forward vertical line is where there is a minimum distance of two feet between the inside top of the cabin and the water line formed when the boat is swamped and loaded with weights under §183.220 as illustrated in Figure 6.

(d) The breadth of each passenger carrying area is the distance between two vertical lines at the mid-length, excluding consoles, of the passenger carrying area when the boat is level as illustrated in Figures 7 and 8. For boats with round chines inside the passenger carrying area, the vertical line is where a transverse line 45 degrees to the horizontal is tangent to the arc of the chine, as illustrated in Figure 8.

[CGD 75-168, 42 FR 20243, Apr. 18, 1977, as amended by USCG-1999-5832, 64 FR 34716, June 29, 1999]

**§ 183.210 Reference areas.**

(a) The forward reference area of a boat is the forward most 2 feet of the top surface of the hull or deck, as illustrated in Figure 9.

(b) The aft reference area of a boat is the aft most two feet of the top surface of the hull or deck, as illustrated in Figure 9.