UL 1517

STANDARD FOR SAFETY

Hybrid Personal Flotation Devices

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UL Standard for Safety for Hybrid Personal Flotation Devices, UL 1517

Third Edition, Dated April 20, 2007

Summary of Topics

This reaffirmation of ANSI/UL 1517 dated May 27, 2026 is issued to update the title page to reflect the most recent designation as a Reaffirmed American National Standard (ANS). No technical changes have been made.

Text that has been changed in any manner or impacted by ULSE's electronic publishing system is marked with a vertical line in the margin.

The requirements are substantially in accordance with Proposal(s) on this subject dated February 6, 2026.

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UL 1517

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April 20, 2007

This ANSI/UL Standard for Safety consists of the Third Edition including revisions through May 27, 2026.

The most recent designation of ANSI/UL 1517 as a Reaffirmed American National Standard (ANS) occurred on May 27, 2026. ANSI approval for a standard does not include the Cover Page, Transmittal Pages, and Title Page.

Comments or proposals for revisions on any part of the Standard may be submitted to ULSE at any time. Proposals should be submitted via a Proposal Request in the Collaborative Standards Development System (CSDS) at https://csds.ul.com.

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INTRODUCTION

1 Scope

1.1 These requirements cover wearable buoyant devices having:

a) At least one compartment that relies upon inflation by gas or other medium to provide buoyancy, and

b) A quantity of inherently buoyant material.

1.2 The hybrid devices covered by this standard are intended for United States Coast Guard (USCG) approval under 46 CFR 160.077 as recreational use devices.

2 Units of Measurement

2.1 Values stated without parentheses are the requirement. Values in parentheses are explanatory or approximate information.

3 Undated References

3.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4 Glossary

4.1 For the purpose of this standard the following definitions apply.

4.2 AUTOMATIC INFLATION SYSTEM – A system that automatically inflates one or more compartments when the buoyant device is submerged in the water, and operates independently of any action by the wearer.

4.3 BELT – A device that wraps around the torso but does not cover the shoulders or arms in the deflated condition.

4.4 CLOSURES

a) Primary – A means of securing the device onto the body so that the device can be expected to function substantially in the intended manner without the use of any other means of fastening the device onto the body.

b) Secondary – A closure that:

1) If it is the only closure that is closed on the device, does not result in the device being donned as intended; and

2) Is not usually required to be closed in order for the device to substantially comply with the requirements in this standard.

4.5 DESIGN PRESSURE RANGE – The range of pressures, as specified by the manufacturer, to which a compartment may be inflated to provide the intended in-water performance.

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