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Personal Watercraft Ventilation Systems

RATIONALE

SAE Personal Watercraft Recommended Practice J2034 was finalized in January 1993. It has been widely accepted by the Personal Watercraft industry and used as a guide towards standard engineering practice since its inception. It is part of the certification criteria of the National Marine Manufacturers Association Personal Watercraft Certification Program and has become a technical reference within ISO 13590 – Personal Watercraft Construction and System Installation Requirements. As a result of this activity, the Recommended Practice classification of this SAE Technical Report can be upgraded to the Standard level.

1. SCOPE

This SAE Standard applies to personal watercraft as defined in 2.1.

1.1 Purpose

This document specifies construction and performance guidelines for ventilation of personal watercraft. It is intended as a guide towards standard practice and is subject to change to keep pace with experience and technical advances.

2. REFERENCES

2.1 Applicable Publications

There are no referenced publications specified herein.

3. DEFINITIONS

3.1 Open to the Atmosphere

Refers to a space or compartment that has at least 96.8 cm^2 (15 in^2) of open area directly exposed to the atmosphere for each cubic foot of net compartment volume.

3.2 Ventilation

The changing of air within a compartment by natural means. Ventilation may be affected by dilution of contaminated air by introduction of fresh air, or by local exhaust of contaminated air.

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