SAE Aerospace
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AEROSPACE RECOMMENDED PRACTICE

SAE ARP1288 REV. B

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Superseding ARP1288A

Placarding of Aircraft Hydraulic Equipment to Identify Phosphate Ester Fluid Compatibility

RATIONALE

This document has been determined to contain basic and stable technology which is not dynamic in nature.

STABILIZED NOTICE

This document has been declared "Stabilized" by the SAE A-6A1 Commercial Aircraft Committee, and will no longer be subjected to periodic reviews for currency. Users are responsible for verifying references and continued suitability of technical requirements. Newer technology may exist.

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FOREWORD

Phosphate ester base fire-resistant hydraulic fluid per AS1241 is used in a large percentage of the world's commercial jet transport aircraft. Since many components (such as engine-driven pumps and system valves) are similar in external appearance but used in systems with the different type fluids, it is essential that the fluid use requirements be identified on the external surface of the assembly. Installation of a component in a commercial aircraft system wherein the system fluid is not compatible with materials in the unit will adversely affect operational reliability of the assembly and promote malfunctioning.

Personnel of overhaul shops, parts stores depots, parts pooling agencies, and other commercial aircraft maintenance/operational groups will find the recommended identification placard of assistance and reassurance when processing and/or handling hydraulic system components.

An International Standard, ISO 3323, addresses placarding for a broader variety of fluid applications.

1. SCOPE:

   This ARP defines a recommended placard for readily identifying equipment with aircraft phosphate ester fluid to be used in the aircraft hydraulic systems to assure compatibility between the internal seals/materials and the system fluid.

   A definition is provided for a durable type and semipermanently attached placard with prescribed text for the permissible fluid are included in the document.