

 SAE Aerospace An SAE International Group	AEROSPACE RECOMMENDED PRACTICE	SAE ARP1940 Issued 1989-04 Cancelled 2012-03 Superseded by ARP5015	REV. A
Solid-State Frequency Converter 400 Hertz, 3-Phase Output			

RATIONALE

This document is cancelled and superseded by ARP5015. The original sponsors created ARP5015 with the intention of cancelling ARP1940 upon completion. Everything included in ARP1940 is addressed in ARP5015 with more modern terms and references.

CANCELLATION NOTICE

This document has been declared "CANCELLED" as of March 2012 and has been superseded by ARP5015. By this action, this document will remain listed in the Numerical Section of the Aerospace Standards Index noting that it is superseded by ARP5015.

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1. SCOPE:

- 1.1 This specification covers the requirements for solid-state frequency converters with 480 [or 380] V 3-phase, 60 [or 50] Hz input and 115/200 V, 3-phase, 400 Hz output capable of powering aircraft type loads requiring MIL-STD-704D quality power.

The frequency converter shall be a self-contained unit suitable for the environment of intended use. Typical applications include dedicated use at passenger loading bridges (mounted under the bridge in telescoping bridge applications or fixed installation at base of stationary type loading bridges) with weatherproof enclosures or hangar/lab use where indoor fixed or portable units can be used.

2. GENERAL:

- 2.1 Applicable Publications: The publications listed below form a part of this specification to the extent referenced herein. The publications are referred to in the text by the basic designation only.

The publications listed below can be obtained by ordering through the following address:

Military Standards/Specification

Commanding Officer
Naval Publications and Forms Center
Attn: NPFC 3015
5801 Tabor Avenue
Philadelphia, PA 19120

NEMA Publications

National Electrical Manufacturers Association
2101 L. St. N.W.
Washington, DC 20037
(203) 457-8400

ANSI Publications

American National Standards Institute
1430 Broadway
New York, NY 10018
(212) 354-3300

UL Standards

Underwriters Laboratories
333 Pfingsten Road
Northbrook, IL 60062
(312) 272-8800