



AEROSPACE RECOMMENDED PRACTICE

ARP843™**REV. B**

Issued	1964-02
Revised	2001-10
Reaffirmed	2006-05
Stabilized	2021-05

Superseding ARP843A

Chip Detector, Electrical Connection, Remote Indicating

RATIONALE

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

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FOREWORD

Changes in this Revision are format/editorial only.

1. SCOPE:

This Aerospace Recommended Practice is applicable to the design of remote indicating magnetic chip detectors installed in the lube systems, hydraulic systems, controls systems, gearboxes, constant speed drives, etc. of Aerospace Power Plants. It is not applicable to the touch-to-test type terminal models.

2. PURPOSE:

The purpose of this document is to set forth a recommended standard arrangement for the electrical connector portion of magnetic chip detectors.

3. APPLICABLE DOCUMENTS:

3.1 The following standards form a part of this recommended practice:

MS33678 - Connector, Receptacle, Electric, Integral Mounting
MS33679 - Connector, Receptacle, Electric, Integral Mounting
MS33680 - Insert Arrangements, Electrical Connector
MS33681 - Insert Arrangements, Electrical Connector

4. RECOMMENDATIONS:

4.1 To provide for a standardized electrical connection, remote indicating magnetic chip detectors should be provided with one of the following integral, environment resisting (R) receptacles: