



AEROSPACE STANDARD

AS6081®

REV. A

Issued	2012-11
Revised	2023-04

Superseding AS6081

(R) Counterfeit Electrical, Electronic, and Electromechanical (EEE) Parts:
Avoidance, Detection, Mitigation, and Disposition -
Independent Distribution

RATIONALE

This standard is being updated to address the evolving risk of counterfeit electrical, electronic, and electromechanical (EEE) parts entering the aerospace supply chain, posing performance, reliability, and safety risks.

FOREWORD

This standard establishes requirements and practices to mitigate the risk of buying, receiving, and selling suspect counterfeit or counterfeit EEE parts. This document standardizes requirements, practices, and methods related to supplier management, procurement, inspection, and test/evaluation, as well as response strategies when suspect counterfeit or counterfeit EEE parts are discovered. Implementation of the requirements of this document provides a vehicle for supply chain members to collaborate and minimize risk.

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1. SCOPE

1.1 Purpose

This SAE Aerospace Standard (AS) standardizes practices to identify reliable sources to procure electrical, electronic, and electromechanical (EEE) parts, assess and mitigate the risk of distributing suspect counterfeit or counterfeit EEE parts, control suspect counterfeit or counterfeit EEE parts, and report incidents of suspect counterfeit and counterfeit EEE parts.

1.2 Application

This standard sets forth practices and requirements for use by Independent Distributors or Brokers of EEE parts or any entity performing open market transactions. This document does not apply to system integrators, their original equipment manufacturers (OEMs), or authorized (franchised) distributors and aftermarket manufacturers when supplying EEE parts obtained directly from the original component manufacturer (OCM) or the OCM authorized (franchised) distributor for whom they are authorized. The requirements of this standard are intended to be applied and flowed down through the supply chain to all Independent Distributors, or Brokers of EEE parts or any entity performing open market transactions that procure EEE parts and/or assemblies, regardless of type, size, and product provided. This standard is not intended to stand alone, supersede, or cancel requirements established by the contract with the customer. This standard can be used by internal and external parties, including Certification Bodies (CBs) accredited by an International Accreditation Forum (IAF) Multilateral Recognition Arrangements (MLA) Signatory Accreditation Body (AB) (<http://www.iaf.nu/>), to meet customer, regulatory, or the organization's requirements to mitigate the risk of conducting commerce in suspect counterfeit or counterfeit EEE parts. This standard does not "qualify" or "certify" the EEE parts.

The types of sources of supply mentioned within this document include OCM, OEM, authorized (franchised) distributor, independent distributor, broker, stocking distributor, and aftermarket manufacturer.

Information marked "NOTE" or "NOTES" is for guidance in understanding or clarifying the associated text.

A related standard, AS5553, provides guidelines and requirements for counterfeit EEE part risk mitigation that are applicable for use by OEMs, and their subcontractors who manufacture assemblies. Organizations may flow down to independent distribution applicable requirements from AS5553, AS6081, and/or other requirements.

1.2.1 Appendices

Unless otherwise specified, the content of the appendices is provided as guidance and can be invoked in whole or in part, by the policies, requirements, or processes of the organization. If the organization or the customer has mandated compliance with the appendices, in whole or in part, the extent to which the appendices apply shall be considered requirements and included, or referenced, in the organization's Counterfeit EEE Parts Control Plan (see 3.4).

If the organization or the customer has not mandated compliance with the appendices, in whole or in part, then nonconformance to the appendices is not considered a nonconformity to AS6081.