



# AEROSPACE STANDARD

AS6496

Issued 2014-08

Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition - Authorized/Franchised Distribution

## RATIONALE

There has been a significant and increasing volume of fraudulent/counterfeit electronic Parts entering the aerospace supply chain. This poses significant performance, reliability and safety risks for end users. By its nature, the Authorized Distribution Channel has proven to be effective in mitigating the risk of fraudulent/counterfeit electronic Parts entering the aerospace supply chain. To enhance the effectiveness of the existing practices and procedures within the Authorized Distribution Channel, this document establishes requirements, practices, and methods to mitigate the risk of Fraudulent/Counterfeit Parts entering the supply chain.

## TABLE OF CONTENTS

|       |  |   |
|-------|--|---|
| 1.    | SCOPE.....   | 3 |
| 1.1   | Purpose.....   | 3 |
| 1.2   | Application.....   | 3 |
| 2.    | REFERENCES.....  | 3 |
| 2.1   | Applicable Documents .....                                 | 3 |
| 2.1.1 | SAE Publications.....                                      | 3 |
| 2.1.2 | ISO Publications.....                                      | 4 |
| 2.2   | Related Publications .....                                 | 4 |
| 2.2.1 | ANSI Publications .....                                    | 4 |
| 2.2.2 | Military Standards .....                                   | 4 |
| 2.3   | Terms and Definitions .....                                | 4 |
| 3.    | REQUIREMENTS .....   | 7 |
| 3.1   | Counterfeit Mitigation Policy .....                        | 7 |
| 3.2   | Counterfeit Electronic Parts Control Plan .....            | 7 |
| 3.3   | Customer Related Processes .....                           | 7 |
| 3.3.1 | Disclosure of Non-Authorization .....                      | 7 |
| 3.3.2 | Provision of Manufacturer's Warranty.....                  | 7 |
| 3.3.3 | Distribution Agreements.....                               | 7 |
| 3.4   | Register of Suppliers.....                                 | 7 |
| 3.4.1 | Purchase Restriction .....                                 | 8 |
| 3.4.2 | Purchasing Preference.....                                 | 8 |
| 3.4.3 | Purchases Outside of a Distribution Agreement.....         | 8 |
| 3.4.4 | Counterfeit Electronic Part Control Plan Requirement ..... | 8 |
| 3.5   | Traceability, Record Retention and Retrievability .....    | 8 |
| 3.5.1 | Military Parts .....                                       | 8 |
| 3.5.2 | Commercial and Industrial Parts.....                       | 8 |
| 3.5.3 | Commercial and Industrial Part Documentation .....         | 9 |

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|          |   |    |
|----------|---|----|
| 3.5.4    | Provision of Traceability .....   | 9  |
| 3.5.5    | Retention Period .....  | 9  |
| 3.5.6    | The Authorized Distributor's Certificate of Conformance.....              | 9  |
| 3.6      | Control of Suspect, Fraudulent and Confirmed Counterfeit Parts .....      | 10 |
| 3.6.1    | Customer Returns .....  | 10 |
| 3.6.2    | Supplier Shipments .....  | 10 |
| 3.6.3    | Disposition of Parts Deemed Suspect, Fraudulent or Counterfeit .....      | 11 |
| 3.6.4    | Re-stocking Prohibition .....   | 11 |
| 3.6.5    | Packaging and Repackaging Parts Sold to Customers .....                   | 11 |
| 3.7      | Training .....  | 11 |
| 3.8      | Scrap Control in Authorized Distribution .....                            | 11 |
| 3.8.1    | Scrap Records .....   | 11 |
| 3.8.2    | Outsourced Destruction of Scrap Parts .....                               | 11 |
| 3.8.3    | Proper Destruction .....  | 12 |
| 3.9      | Inventory Control Plan.....   | 12 |
| 3.9.1    | Segregation of Product .....  | 12 |
| 3.9.2    | Inventory Access.....   | 12 |
| 3.9.3    | Traceability of Returned Parts .....                                      | 12 |
| 3.10     | Reporting.....  | 12 |
| 3.11     | Audits .....  | 12 |
| 4.       | NOTES.....  | 12 |
| FIGURE 1 | INTERRELATIONSHIP BETWEEN SUSPECT, FRAUDULENT AND COUNTERFEIT PARTS ..... | 6  |
| TABLE 1  | TRACEABILITY DOCUMENTS AT TIME OF SHIPMENT .....                          | 8  |

## 1. SCOPE

This SAE Aerospace Standard (AS) identifies the requirements for mitigating counterfeit products in the Authorized Distribution supply chain by the Authorized Distributor. If not performing Authorized Distribution, such as an Authorized Reseller, Broker, or Independent Distributor, refer to another applicable SAE standard.

### 1.1 Purpose

This SAE Standard delineates practices to:

- a. procure Parts from authorized sources,
- b. provide authenticity and traceability of procured Parts,
- c. control Parts identified as counterfeit,
- d. report Counterfeit Parts as appropriate.
- e. minimize the risk of Counterfeit Parts entering the supply chain.

### 1.2 Application

This standard is recommended for use by Authorized Distributors purchasing and selling electronic components, supplies and equipment which were acquired directly from the Manufacturer for which they are authorized or from another Authorized Distributor.

This document shall not supersede any agreement between the Manufacturer and their Authorized Distributors.

## 2. REFERENCES

### 2.1 Applicable Documents

The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase. In the event of conflict between the text of this document and references cited herein, the text of this document takes precedence.

The requirements of this document are intended to supplement the requirements of a comprehensive quality management system standard (e.g., AS9100, AS9120, ISO 9001, or equivalent). They are not intended to stand alone, supersede, or cancel requirements found in other quality standards, requirements imposed by contracting authorities, or applicable laws and regulations unless an authorized exemption/variance has been obtained.

#### 2.1.1 SAE Publications

Available from SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-0001, Tel: 877-606-7323 (inside USA and Canada) or 724-776-4970 (outside USA), [www.sae.org](http://www.sae.org).

|        |   |
|--------|---|
| AS5553 | Fraudulent/Counterfeit Electronic Parts; Avoidance, Detection, Mitigation, and Disposition                |
| AS6081 | Fraudulent/Counterfeit Electronic Parts: Avoidance, Detection, Mitigation, and Disposition - Distributors |
| AS9100 | Quality Management Systems - Requirements for Aviation, Space and Defense Organizations                   |
| AS9120 | Quality Management Systems - Requirements for Aviation, Space and Defense Distributors                    |