

Aerospace series - Management of unsalvageable Items



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

See Eesti standard EVS-EN 9147:2022 sisaldab Euroopa standardi EN 9147:2022 ingliskeelset teksti.	This Estonian standard EVS-EN 9147:2022 consists of the English text of the European standard EN 9147:2022.
Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas.	This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation and Accreditation.
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English Version

Aerospace series - Management of unsalvageable items

Série aérospatiale - Gestion des éléments
irrécupérables

Luft- und Raumfahrt - Management nichtverwendbarer
Gegenstände

This European Standard was approved by CEN on 8 May 2022.

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This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 9147:2022) has been prepared by the Aerospace and Defence Industries Association of Europe — Standardization (ASD-STAN).

After enquiries and votes carried out in accordance with the rules of this Association, this document has received the approval of the National Associations and the Official Services of the member countries of ASD-STAN, prior to its presentation to CEN.

This document shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by May 2023, and conflicting national standards shall be withdrawn at the latest by May 2023.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

Any feedback and questions on this document should be directed to the users' national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organisations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

Introduction

The International Aerospace Quality Group (IAQG), with representatives from aviation, space, and defence in the Americas, Asia/Pacific, and Europe, benchmarked industry best practices and guidance to develop the requirements of unsalvageable items management. The key objectives of this document are to:

- prevent unsalvageable items from being used for manufacturing, maintenance, or repair of aviation, space, and defence products;
- specify the conditions of their reclassifications; and
- mitigate the risk of unsalvageable items being disassembled.

This document is complementary to EN 9100-series standards (i.e. EN 9100, EN 9110, EN 9120) requirements associated to the control of nonconforming products.

This document standardizes unsalvageable item management process requirements to the greatest extent possible. It can be used at all levels of the supply chain by organisations around the world to mitigate the risk to use unsalvageable items within aviation, space, and defence products to improve and ensure the performance, reliability, and safety of these products.

This document provides the following potential benefits:

- standardizes unsalvageable management process requirements;
- integrates aviation, space, and defence industry best practices and guidance;
- increases product quality and safety;
- achieves cost savings due to unsalvageable item reclassifications;
- reduces waste/environmental footprint by fostering reclassification;
- protects companies' intellectual property by preventing reverse engineering on unsalvageable items.

1 Scope

This document is applicable to all items used for manufacturing, maintenance, and repair of aviation, space, and defence products from the raw material to the final product (e.g. aircraft, structural items, constituent assemblies, standard parts, consumables with conformity and/or safety impact).

This document considers items dispositioned as scrap in accordance with EN 9100-series standards' supporting nonconformity management, corrective action, or organisation decisions (e.g. obsolescence, inventory management, missing traceability documentation).

The requirements specified in this document are complementary (not alternative) to contractual and applicable statutory and regulatory requirements. Should there be a conflict between the requirements of this document and applicable statutory or regulatory requirements, the applicable statutory or regulatory requirements take precedence.

This document defines requirements and actions to be taken after the disposition decision to control the unsalvageable items within the organisation and its external providers.

NOTE The control of external provider is addressed in the EN 9100-series standards.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 9100, *Quality Management Systems — Requirements for Aviation, Space and Defence Organisations* ¹⁾

EN 9110, *Quality Management Systems — Requirements for Aviation Maintenance Organisations* ¹⁾

EN 9120, *Quality Management Systems — Requirements for Aviation, Space and Defence Distributors* ¹⁾

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

¹⁾ As developed under the auspice of the IAQG and published by various standards bodies [e.g., ASD-STAN, SAE International, European Committee for Standardization (CEN), Japanese Standards Association (JSA)/Society of Japanese Aerospace Companies (SJAC), Brazilian Association for Technical Norms (ABNT)].