



AF 9100:2026

Aerospace Quality Management System

PROCEDURE

Incoming Verification, Authenticity and Suspect Items

AF-PR-9100-014

FIRST EDITION

30 September 2026 | English master text

Publication identity and application

Control	Publication value
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Delivery status	Prepared implementation companion. Actual approval, adoption, effectivity and operational decisions are recorded separately.

Use and document-control boundary

This companion implements the supplied AF 9100 requirement basis without changing the original standard. Its process allocation, examples, checklists and record design are authored implementation material. Actual mission or product limits, specialist procedures, permissions and genuine observations must be completed before consequential use. Applicable source minima and independent decision conditions cannot be reduced by this companion.

The printed edition date identifies the companion series; it is not evidence that later preparation, review or operational decisions occurred on that date. New support codes in this set are proposed allocations for controlled registration. Established AF-IG-9100-001, AF-FAQ-9100-001 and AF-TR-9100-001 identities are retained; earlier files, the corporate master list and ASTRA codes are not overwritten.

Equivalent combined or digital records are permitted when all required fields, relationships, authority and history remain intact. A completed PDF field or typed name is not evidence of an authenticated approval. Blank records in this delivery contain no invented applicant, signature, event or result.

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Select actual scope → complete application criteria → use the applicable procedure and technical book → capture authentic evidence → evaluate every applicable condition → obtain the required independent decision. Document availability does not establish implementation or conformity.

1 Scope, responsibility and source priority

Applies to the responsible function and exact evaluated object selected from the source. Use only the duties triggered by actual activity and retained responsibility.

Boundary	Required implementation decision
Object and route	Identify ORG, PRD, SVC, PRC, PER, SUB or CAB separately. Combined records do not merge outcomes.
Activity	Apply source technical modules by performed or retained responsibility, including relevant outsourced work.
Authority	Technical release, employer task permission, independent attestation and statutory authorization remain distinct.
Source priority	AF 9100:2026 and all compatible binding obligations control. This companion does not import ASTRA programme rules or external normative schemes.

2 Trigger, inputs and handover

Trigger: Receipt, exceptional procurement, certificate inconsistency, suspected counterfeit or returned stock.

Accountable process owner: Receiving quality and material authority. Actual named appointments and deputies are maintained locally.

Input to verify	Required output / receiving function
Exact request, object and source profile	Accepted scope and controlled work package, or a reasoned hold/refusal.
Current people, authority, data and equipment	Authorized assignment and evidence-access boundary.
Original execution, adverse evidence and source history	Attributable result, identified limitations and required action.
Relevant source clocks and actual event times	Genuine due/completion history and timely recipient communication.

3 Operating sequence

3.1 Confirm identity and request

Check order, item, manufacturer, source, lot or serial, quantities, condition, configuration and required evidence. Identify customer-supplied information separately from observed facts.

3.2 Verify evidence relevance

Examine issuer, method, lot, technical scope, current restrictions and raw-material risk. Use defined confirmatory checks for critical or significant-risk evidence rather than accepting appearance of a certificate.

3.3 Protect custody and preservation

Record packaging, transport conditions, shelf or out-time, seals where relevant and receiving location. Maintain original-to-split links and account for sample consumption.

3.4 Disposition discrepancies

Segregate suspect, expired, damaged or unverified input. Preserve original records and investigate without treating an allegation as proven misconduct before evidence supports it.

3.5 Control limited progression

Any advance processing before verification must be specifically authorized, identifiable, recoverable and bounded. Do not permit irreversible consumption or final release depending on missing critical evidence.

3.6 Trace downstream effects

For a later authenticity or method concern, identify all consumed, installed and shipped descendants. Notify responsible recipients and record actual disposition and prevention of prohibited re-entry.

4 Decision, interruption and escalation

Unknown eligibility, incompatible material evidence or suspect authenticity holds affected inputs.

State or event	Action and limit
Evidence valid and criteria met	Record the bounded result and pass it to the authorized receiving function; do not enlarge scope.
Evidence missing, invalid or inconclusive	Keep the dependent conclusion not yet demonstrated / HOLD, preserve the reason and define competent next work.
Valid evidence demonstrates failure	Record nonconformity and protect the affected population; follow actual technical disposition and source status controls.
Trigger genuinely absent	Record the exclusion and its approved responsibility basis. Resource shortages do not justify N/A.
Interrupted or changed work	Preserve prior state and actual configuration; complete impact and revalidation before claiming completion.

5 Required records and receiving checks

Document	Record purpose
AF-FR-9100-020	Incoming Material and Authenticity Verification
AF-FR-9100-024	Contamination, Preservation and External Property
AF-FR-9100-006	Nonconformity, Containment and Corrective Action

At handover the receiver checks object, scope, current version, original evidence, open conditions, true event chronology and the action they may authorize. An email sent, field marked complete or invoice paid is not acceptance of that handover.

6 Worked case and adverse challenge

Synthetic scenario: A certificate is genuine but belongs to a different material batch.

Required reasoning: It cannot support the received batch. Keep receipt and source evidence separate and obtain valid batch-specific verification before acceptance.

Challenge before local use	Expected behavior
Missing essential input	Dependent conclusion remains held; no favorable default.
Wrong configuration or performer	Detect the mismatch and reassess relevant evidence.
Expired or conflicted authority	Block the prohibited assignment or decision; later renewal cannot validate earlier unauthorized work.
Failed mandatory condition with high total score	No compensation; preserve the failure and required action.

Challenge before local use	Expected behavior
Correction without original history	Reject an apparent closure that erases relevant earlier evidence.

Appendix A — Controlling source and evidence

Source: AF 9100:2026, Aerospace Quality Management System, FIRST EDITION, 29 September 2026; supplied 131-page PDF. Source page references below locate the original publication. These excerpts are read with the complete applicable standard; local implementation sequences do not replace it.

8.1.4 Counterfeit and unapproved-item prevention

SOURCE p. 21 | Normative when applicable

8.1.4(a) The organization shall assess counterfeit and unapproved-item risk for materials, parts, electronic components, software licenses, calibration records and certificates. Procurement preference, source approval, authenticity checks and testing shall be proportionate to consequence and supply risk.

8.1.4(b) Source identity, authorized-channel evidence, original manufacturer information and chain of custody shall be verified where relevant. A certificate alone shall not be accepted without evaluation of its origin, scope, consistency and credibility. Brokers and obsolete components shall receive additional controls when risks justify them.

8.1.4(c) Suspect items shall be segregated and positively controlled to prevent use or re-entry into the supply chain. Investigation, notification, preservation of evidence and disposition shall follow applicable obligations. Returning suspect material to the supplier without controls shall not be the default disposition.

Required evidence: Authenticity-risk assessment; approved sources; incoming verification; suspect-item records and disposition.

8.4.2 Verification of externally provided outputs

SOURCE p. 23 | Normative when applicable

8.4.2(a) The organization shall determine verification appropriate to the output and source risk, including inspection, testing, source surveillance, document review and periodic revalidation where necessary. It shall verify that supplied evidence corresponds to the correct item, lot, revision and test method.

8.4.2(b) External test reports shall be evaluated for consistency, adequacy and authenticity. For significant-risk raw material or critical items, a defined method shall validate report accuracy. Delegated supplier inspection shall have a controlled scope, qualified personnel, a delegation register and periodic oversight.

8.4.2(c) Limited release for further processing before verification is complete shall be specifically authorized, uniquely traceable and recoverable. It shall not permit irreversible consumption or final customer release of an output whose required conformity evidence remains unresolved.

Required evidence: Incoming verification plans; report checks; delegated inspection controls; restricted-release and recall records.

18.1 Material and process specification control

SOURCE p. 36 | Normative when applicable

18.1(a) Materials shall be specified by properties, condition, composition, processing history and acceptance requirements appropriate to intended use. Equivalent material claims shall be reviewed by the design authority and supported by relevant evidence.

18.1(b) The organization shall control batch identity, storage, shelf life, contamination, substitutions and supplier changes. Recycled or reclaimed content shall meet the same applicable performance and traceability obligations; environmental benefit shall not substitute for material qualification.

Required evidence: Material specifications; batch certificates and verification; substitution approvals; storage and life records.

21.4 Distribution, stock splitting and chain of custody

SOURCE p. 40 | Normative when applicable

21.4(a) Distributors shall verify source identity, item status, accompanying evidence, storage conditions and customer requirements. Repackaging or splitting shall preserve original lot links, quantity reconciliation and the relationship to certificates and inspection records.

21.4(b) Suspect, expired, damaged, recalled or unapproved items shall be physically or electronically segregated with effective prevention of shipment. A copied certificate shall not be altered to imply a different origin, test scope or approval. Customers shall receive the evidence required for the actual supplied quantity and configuration.

Required evidence: Source verification; split-lot records; stock status; certificate linkage; customer delivery evidence.

Appendix B — Local implementation and release

Readiness condition	Evidence before consequential use
Authority and responsibility	Actual legal operator, owner, competent technical authority, independent reviewer and permitted result class are recorded.
Scope and criteria	Object, configuration, site, period, trigger, every technical value or observable attribute, units and prospective approval are complete.
Evidence and methods	Original accessible evidence, representative observations, valid methods, uncertainty, adverse cases and limitations support the intended conclusion.
People and independence	Competence is current for each task; genuine conflicts, relevant prior work and needed separation have been checked.
Records and tools	Field meanings, unique IDs, original history, access, retention, recovery and actual deployed workflows have passed local validation.
Decision and public use	All relevant blockers are resolved; required independent decision and written permissions precede the exact public claim.
Continuity and handover	Receiving custody, unresolved duties, corrections and historical decisions survive transfer, retirement or provider closure.

Record the completed local readiness and actual authorization in AF-FR-9100-032 or an equivalent controlled record. Preserve the unchanged source standard and each earlier decision basis. A blocked activity may continue only within a genuinely permitted development boundary, not as a provisional conformity certificate.