



AF-PL-9400-001

Product Integrity and Eligible Technical Decisions

Space / Aviation / Defense

FIRST EDITION

AF 9400 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-PL-9400-001 - Product Integrity and Eligible Technical Decisions
Parent standard	AF 9400 - Aerospace Manufacturing, Materials & Supply Chain
Edition / language	FIRST EDITION / English master text
Family	Policies
Primary source anchors	4-8, 25, 29, 32-35
Suggested local owner	Accountable executive / policy owner
Authority	Publisher approval and effective date are not assigned. Local use requires authorized adoption and completed parameters.

Use with the main standard

This document implements the identified AF 9400 clauses and annexes. Read the complete applicable requirements in the main standard. The source anchors are navigation references; a template does not replace technical judgement, evidence, permission or eligible approval.

AF-ML-9400-001 lists the complete supporting set. AF-CM-9400-001 maps the main clauses and annexes to working documents. AF-TP-9400-001 establishes the common local parameter baseline; add the relevant discipline profiles.

Record control

Identify the object, configuration, record owner and dates. Reference attachments by stable identifier and version. Keep superseded evidence and decisions traceable. Use the approved local retention, access and authentication arrangements. No process recipe, numerical limit, interval or acceptance value is assigned by a blank template.

Interactive record: Complete the fields in a PDF reader that supports AcroForms. Save a working copy and verify that entries remain visible after reopening. Link controlled continuation sheets when space is insufficient; every row requires its own evidence and disposition. Typed names identify people but are not self-authenticating signatures.

1 Policy and accountable commitment

The adopting organization shall protect aerospace product integrity throughout manufacture and supply. It shall provide competent people, suitable resources, clear technical authority and a route for reporting credible concerns. Delivery, cost or performance scores shall not override an unresolved essential product condition.

1.1 Decision authority

Appoint accountable product, material, process, supply, verification and release owners. Define delegation by scope, site, range and permitted decision. Preserve the necessary independence when one person performs several functions. Technical decisions require demonstrated competence and actual authority, not only a management title.

1.2 Protected challenge and evidence

Personnel shall preserve adverse observations and may raise concerns about identity, processing, inspection, software or claims. The receiving owner records the chronology, protects relevant evidence and applies necessary containment. Commercial confidentiality is managed without withholding information essential to an authorized technical review.

1.3 Implementation and review

Use the manufacturing risk and control plan to identify critical characteristics, latent effects and mandatory hold points. Review actual adverse cases and verify that restrictions were effective. Management shall address resource gaps explicitly and assess whether pressure, unclear instructions or weak interfaces contributed to errors.

Required evidence: Delegation, competence, critical-characteristic controls, reported concerns, containment, independent review and resourcing decisions.

Decision control: A favorable summary or schedule commitment shall not authorize a conclusion beyond the evidence and the decision maker's eligible scope.

2 Local adoption and accountable implementation

Organization, scope, policy owner and controlled local policy ID

Accountable executive; technical and decision authorities; eligible delegates

Implementation records, review triggers and unresolved dependencies

Authorized adoption, authentication reference and effective conditions