



AF-PL-9300-002

Safe and Authorized Test Execution

Space / Aviation / Defense

FIRST EDITION

AF 9300 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-PL-9300-002 - Safe and Authorized Test Execution
Parent standard	AF 9300 - Aerospace Testing, Verification & Qualification
Edition / language	FIRST EDITION / English master text
Family	Policies
Primary source anchors	7, 9, 13-14, 20-27
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 9300 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-9300-001 lists the complete supporting set. AF-CM-9300-001 maps the main clauses and annexes to working documents. AF-TP-9300-001 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 Keep superseded evidence and decisions traceable.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 test level, 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 commitment and boundaries

Testing shall be conducted within an authorized, assessed and protected envelope. The adopting organization supplies competent people, suitable facilities, defined command and effective emergency interfaces. The policy covers preparation, transport within the facility, setup, energization, execution, interruption, restart and final article disposition.

1.1 Readiness before release

The test director verifies the actual article, procedure, facility, fixture, measurement chain, data route, protective conditions and personnel. Open items are classified by their effect on safety and evidence. Missing essential protection, permission or competence is a no-go condition. A signature does not compensate for an unmet prerequisite.

1.2 Stop and restart authority

Anyone observing a credible unsafe condition may initiate the locally defined protective action. Only personnel trained and authorized for the hazard perform technical intervention. The director preserves observations, establishes article and facility state, and obtains a new bounded restart decision when the readiness basis has changed. Schedule pressure does not authorize a restart.

1.3 Exposure and final disposition

The team records actual exposure, interruptions, excursions and cumulative article history. Consumed life, damage, contamination, stored energy and final safe condition are considered before storage, transport, re-use or return. Qualification evidence does not establish permission to operate the article in service.

Required evidence: Hazard assessment, verified controls, readiness release, contemporaneous run and exposure logs, anomaly dispositions, restart authority and final article disposition.

Decision control: A test may start or resume only while its actual readiness basis remains valid and its no-go conditions are resolved.

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