



AF-ML-9300-001

Master Document List

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-ML-9300-001 - Master Document List
Parent standard	AF 9300 - Aerospace Testing, Verification & Qualification
Edition / language	FIRST EDITION / English master text
Family	Foundation
Primary source anchors	0-32; Annexes A-V
Suggested local owner	Document controller
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 Keep superseded evidence and decisions traceable.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.

Implementation model: Translate the stated responsibilities and controls into the actual organization. Informative examples remain explanatory; use approved programme-specific values for operational decisions.

1 Set identity and use

AF 9300 - Aerospace Testing, Verification & Qualification. FIRST EDITION manuscript prepared for publisher review. The main standard is supplied separately. This archive contains exactly 121 supporting PDFs in the 11 folders below; it does not contain the main standard.

The document code is the stable identifier. Each file is named CODE_FIRST_EDITION.pdf. PDF bookmarks provide navigation; record-bearing documents contain interactive text fields. Retain controlled working copies and authenticate approvals through the adopting organization.

Folder / family	PDFs	Contents and purpose
01_Foundation	2	Master document list and full clause coverage matrix
02_Policies	4	Four policies with local adoption records
03_Manuals	3	Facility operations, qualification review and digital evidence manuals
04_Companions	3	Implementation, interpretation and quantitative guidance
05_Procedures	24	Twenty-four process procedures with explicit outputs and handoffs
06_Technical_Profiles	14	Common parameter baseline and thirteen discipline profiles
07_Checklists	20	Twenty criterion-level examination checklists
08_Forms	24	Twenty-four evidence and decision record forms
09_Registers	12	Twelve linked-record registers
10_Schedules	5	Five controlled schedules with locally approved timing
11_Work_Instructions	10	Ten practical operator instructions with task records

1.1 Separate main publication

AF_9300_Aerospace_Testing_Verification_Qualification_FIRST_EDITION.pdf. Main standard: 79 pages; Clauses 0-32; Annexes A-V. Main text and Annexes A-P contain proposed requirements. Annexes Q-V are informative.

1.2 Support-set totals

Supporting PDFs: 121. Total supporting pages: 454. Interactive fields: 1478. These are blank models; no operational result or approval is pre-entered.

Foundation

Folder: 01_Foundation

Code / file	Title / primary source anchors	Pages
AF-ML-9300-001	Master Document List; source: 0-32; Annexes A-V	11
AF-CM-9300-001	Standard-to-Document Coverage Matrix; source: 0-32; Annexes A-V	27

Policies

Folder: 02_Policies

Code / file	Title / primary source anchors	Pages
AF-PL-9300-001	Technical Integrity and Impartial Decisions; source: 4-6, 15, 18-19, 29 [fillable]	4
AF-PL-9300-002	Safe and Authorized Test Execution; source: 7, 9, 13-14, 20-27 [fillable]	4
AF-PL-9300-003	Digital Evidence, Confidentiality and Retention; source: 10-12, 15, 17, 26, 29-30 [fillable]	4
AF-PL-9300-004	Bounded Qualification and Acceptance Claims; source: 16-19, 28-32; Annexes K-P [fillable]	4

Manuals

Folder: 03_Manuals

Code / file	Title / primary source anchors	Pages
AF-TM-9300-001	Test Facility Operations Manual; source: 4-15, 20-29	5
AF-HB-9300-001	Qualification Review and Decision Handbook; source: 5-7, 15-19, 28-31; Annex L	5
AF-HB-9300-002	Digital Test Evidence and Records Manual; source: 6, 10-12, 15, 17, 26, 29-32; Annex H	5

Companions

Folder: 04_Companions

Code / file	Title / primary source anchors	Pages
AF-IG-9300-001	Implementation Guide; source: 0-32; Annexes A-V	4
AF-FAQ-9300-001	Interpretation Questions and Boundary Cases; source: 0-32; informative Annex U	4
AF-TR-9300-001	Quantitative Methods and Worked Calculations; source: 11, 16-17, 20-22; informative Annex Q	6

Procedures

Folder: 05_Procedures

Code / file	Title / primary source anchors	Pages
AF-PR-9300-001	Scope and Contract Review; source: 1-5; Annexes A-B	3
AF-PR-9300-002	Integrated Test Programme Planning; source: 5-6, 18; Annex D	3
AF-PR-9300-003	Requirement and Verification Matrix Control; source: 6; Annex C	3
AF-PR-9300-004	Article Receipt, Sampling and Custody; source: 7; Annex E	3
AF-PR-9300-005	Method Validation and Procedure Release; source: 8; Annex F	3
AF-PR-9300-006	Facility and Fixture Capability Control; source: 9; Annex F	3
AF-PR-9300-007	Metrology and Out-of-Tolerance Impact; source: 10; Annex F	3
AF-PR-9300-008	Uncertainty and Decision-Rule Approval; source: 11; Annex G	3
AF-PR-9300-009	Data Acquisition and Digital Evidence Control; source: 12; Annex H	3
AF-PR-9300-010	Safety Assessment and Test Readiness; source: 13; Annex I	3
AF-PR-9300-011	Controlled Execution and Exposure Accounting; source: 14.1-14.2; Annexes D, I	3
AF-PR-9300-012	Anomaly Investigation and Retest; source: 14.3-14.4; Annex J	3
AF-PR-9300-013	Result Reduction and Technical Review; source: 15; Annexes G, K	3
AF-PR-9300-014	Statistical Demonstration and Sampling Analysis; source: 16; Annexes C, E, G	3
AF-PR-9300-015	Model and Simulation Credibility; source: 17; Annex F	3

Code / file	Title / primary source anchors	Pages
AF-PR-9300-016	Qualification Dossier and Decision; source: 18; Annex L	3
AF-PR-9300-017	Acceptance and Delivery Release; source: 19; Annex L	3
AF-PR-9300-018	Technical Test Profile Selection and Control; source: 20-27; Annexes A, D-F	3
AF-PR-9300-019	External Provider and Witnessed Evidence; source: 28; Annex N	3
AF-PR-9300-020	Report Review, Issue and Amendment; source: 29; Annex K	3
AF-PR-9300-021	Change and Requalification; source: 30; Annex M	3
AF-PR-9300-022	Internal Assurance and Corrective Action; source: 31; Annex O	3
AF-PR-9300-023	Competence, Authorization and Independence; source: 4; Annexes F, O	3
AF-PR-9300-024	Records, Publication and Local Adoption; source: 12.4, 29, 32; Annexes H, P	3

Technical Profiles

Folder: 06_Technical_Profiles

Code / file	Title / primary source anchors	Pages
AF-TP-9300-001	Common Programme and Decision Parameters; source: 1-19, 28-32; Annex B [fillable]	4
AF-TP-9300-002	Thermal, Climatic, Pressure and Space Environment; source: 20; Annexes D-F [fillable]	4
AF-TP-9300-003	Vibration, Shock, Acoustics and Transport; source: 21; Annexes D-F [fillable]	4
AF-TP-9300-004	Structural, Fatigue and Mechanism Qualification; source: 22; Annexes D-F [fillable]	4
AF-TP-9300-005	Electromagnetic and Electrical Compatibility; source: 23; Annexes D-F [fillable]	4
AF-TP-9300-006	Propulsion, Energy Storage and Hazardous Interfaces; source: 24; Annexes D-F, I [fillable]	4
AF-TP-9300-007	Materials and Nondestructive Evaluation; source: 25; Annexes E-F [fillable]	4
AF-TP-9300-008	Software, AI and Automated Test Systems; source: 12, 17, 26; Annex H [fillable]	4

Code / file	Title / primary source anchors	Pages
AF-TP-9300-009	Space System and Mission Qualification; source: 18, 20-24, 26; Annex L [fillable]	4
AF-TP-9300-010	Aviation, UAS and Operational Trials; source: 18, 20-23, 26-27; Annexes I, L [fillable]	4
AF-TP-9300-011	Maintenance and Ground-Support Acceptance; source: 7-15, 19, 25-26; Annex L [fillable]	4
AF-TP-9300-012	Manufacturing Process Qualification and Transfer; source: 7-11, 16, 18-19, 25, 30; Annex M [fillable]	4
AF-TP-9300-013	Model, Simulation and Analysis Credibility; source: 17; Annex F [fillable]	4
AF-TP-9300-014	Human Factors and Intended-Use Validation; source: 27; Annex I [fillable]	4

Checklists

Folder: 07_Checklists

Code / file	Title / primary source anchors	Pages
AF-CL-9300-001	Scope, Governance and Programme; source: 0-6; Annexes A-D [fillable]	4
AF-CL-9300-002	Article Pedigree and Sampling; source: 7; Annex E [fillable]	4
AF-CL-9300-003	Method Validation; source: 8; Annex F [fillable]	4
AF-CL-9300-004	Facility and Fixture Readiness; source: 9; Annex F [fillable]	4
AF-CL-9300-005	Metrology and Historical Impact; source: 10; Annex F [fillable]	4
AF-CL-9300-006	Uncertainty and Conformity Rules; source: 11; Annex G [fillable]	4
AF-CL-9300-007	Digital Evidence and Workflow; source: 12; Annex H [fillable]	4
AF-CL-9300-008	Safety and Readiness Gate; source: 13; Annex I [fillable]	4
AF-CL-9300-009	Execution, Anomaly and Retest; source: 14; Annex J [fillable]	4
AF-CL-9300-010	Analysis and Technical Review; source: 15; Annexes G, K [fillable]	4
AF-CL-9300-011	Statistical Claims; source: 16; Annexes C, E [fillable]	4
AF-CL-9300-012	Model Credibility; source: 17; Annex F [fillable]	4

Code / file	Title / primary source anchors	Pages
AF-CL-9300-013	Qualification Decision; source: 18; Annex L [fillable]	4
AF-CL-9300-014	Acceptance and Delivery; source: 19; Annex L [fillable]	4
AF-CL-9300-015	Environmental, Dynamic and Structural Evidence; source: 20-22; Annexes D-F [fillable]	4
AF-CL-9300-016	Electrical and Hazardous-System Evidence; source: 23-24; Annexes D-F, I [fillable]	4
AF-CL-9300-017	Materials, Processes and Digital Systems; source: 25-26; Annexes E-F, H [fillable]	4
AF-CL-9300-018	Human and Operational Validation; source: 27; Annex I [fillable]	4
AF-CL-9300-019	External Evidence and Report Issue; source: 28-29; Annexes K, N [fillable]	4
AF-CL-9300-020	Change, Assurance and Publication; source: 30-32; Annexes M-P [fillable]	4

Forms

Folder: 08_Forms

Code / file	Title / primary source anchors	Pages
AF-FR-9300-001	Scope and Contract Review; source: 1-5; Annexes A-B [fillable]	3
AF-FR-9300-002	Requirement Verification and Closure; source: 6; Annex C [fillable]	3
AF-FR-9300-003	Integrated Test Programme Plan; source: 5; Annex D [fillable]	3
AF-FR-9300-004	Article Receipt, Pedigree and Disposition; source: 7; Annex E [fillable]	3
AF-FR-9300-005	Method Validation and Capability; source: 8-9; Annex F [fillable]	3
AF-FR-9300-006	Equipment Check and Historical Impact; source: 10; Annex F [fillable]	3
AF-FR-9300-007	Uncertainty Budget and Decision Rule; source: 11; Annex G [fillable]	3
AF-FR-9300-008	DAQ and Processing Validation; source: 12; Annex H [fillable]	3
AF-FR-9300-009	Test Readiness and Permission to Execute; source: 13; Annex I [fillable]	3

Code / file	Title / primary source anchors	Pages
AF-FR-9300-010	Run Log and Exposure Reconciliation; source: 14; Annexes D, I [fillable]	3
AF-FR-9300-011	Anomaly Investigation and Retest; source: 14; Annex J [fillable]	3
AF-FR-9300-012	Planned or Unplanned Deviation; source: 2, 14; Annex J [fillable]	3
AF-FR-9300-013	Result Analysis and Evidence Acceptance; source: 15; Annexes G, K [fillable]	3
AF-FR-9300-014	Statistical Demonstration Plan and Result; source: 16; Annexes C, E [fillable]	3
AF-FR-9300-015	Model Credibility and Intended-Use Acceptance; source: 17; Annex F [fillable]	3
AF-FR-9300-016	Qualification Review and Statement; source: 18; Annex L [fillable]	3
AF-FR-9300-017	Item, Lot or Site Acceptance; source: 19; Annex L [fillable]	3
AF-FR-9300-018	External Provider and Witness Review; source: 28; Annex N [fillable]	3
AF-FR-9300-019	Report Issue, Amendment or Withdrawal; source: 29; Annex K [fillable]	3
AF-FR-9300-020	Change Impact and Bridging Assessment; source: 30; Annex M [fillable]	3
AF-FR-9300-021	Requalification Plan and Reinstatement; source: 30; Annex M [fillable]	3
AF-FR-9300-022	Finding, Corrective Action and Effectiveness; source: 31; Annex O [fillable]	3
AF-FR-9300-023	Competence and Task Authorization; source: 4; Annexes F, O [fillable]	3
AF-FR-9300-024	Publication or Local Adoption Decision; source: 32; Annex P [fillable]	3

Registers

Folder: 09_Registers

Code / file	Title / primary source anchors	Pages
AF-RG-9300-001	Requirements and Verification Status; source: 6; Annex C [fillable]	3

Code / file	Title / primary source anchors	Pages
AF-RG-9300-002	Equipment, Calibration and Checks; source: 10; Annex F [fillable]	3
AF-RG-9300-003	Articles, Exposure and Custody; source: 7; Annex E [fillable]	3
AF-RG-9300-004	Methods and Facility Capability; source: 8-9; Annex F [fillable]	3
AF-RG-9300-005	Competence and Authorization; source: 4; Annex O [fillable]	3
AF-RG-9300-006	Test Hazards and Protective Conditions; source: 13; Annex I [fillable]	3
AF-RG-9300-007	Anomalies, Deviations and Retests; source: 14; Annex J [fillable]	3
AF-RG-9300-008	Data Packages and Processing Baselines; source: 12; Annex H [fillable]	3
AF-RG-9300-009	Qualification and Acceptance Status; source: 18-19; Annex L [fillable]	3
AF-RG-9300-010	Changes and Requalification; source: 30; Annex M [fillable]	3
AF-RG-9300-011	External Providers and Evidence; source: 28; Annex N [fillable]	3
AF-RG-9300-012	Reports, Amendments and Withdrawals; source: 29; Annex K [fillable]	3

Schedules

Folder: 10_Schedules

Code / file	Title / primary source anchors	Pages
AF-SC-9300-001	Programme Gates and Test Campaign; source: 5; Annex D [fillable]	3
AF-SC-9300-002	Calibration and Intermediate Checks; source: 10; Annex F [fillable]	3
AF-SC-9300-003	Competence, Training and Authorization; source: 4; Annex O [fillable]	3
AF-SC-9300-004	Method and Facility Continuing Validity; source: 8-9; Annex F [fillable]	3
AF-SC-9300-005	Assurance, Status and Publication Review; source: 30-32; Annexes M-P [fillable]	3

Work Instructions

Folder: 11_Work_Instructions

Code / file	Title / primary source anchors	Pages
AF-WI-9300-001	Confirm Article and Configuration Before Setup; source: 7; Annex E [fillable]	4
AF-WI-9300-002	Perform an End-to-End Channel Check; source: 10, 12; Annexes F, H [fillable]	4
AF-WI-9300-003	Close the Test Readiness Gate; source: 13; Annex I [fillable]	4
AF-WI-9300-004	Record a Controlled Run and Valid Exposure; source: 14; Annex D [fillable]	4
AF-WI-9300-005	Pause, Abort and Prepare for Restart; source: 13-14; Annexes I-J [fillable]	4
AF-WI-9300-006	Preserve Raw Data and Processing Provenance; source: 12; Annex H [fillable]	4
AF-WI-9300-007	Apply the Approved Uncertainty Decision Rule; source: 11; Annex G [fillable]	4
AF-WI-9300-008	Review an Anomaly Before Retesting; source: 14; Annex J [fillable]	4
AF-WI-9300-009	Trace a Report Conclusion to Evidence; source: 6, 15, 29; Annexes C, K [fillable]	4
AF-WI-9300-010	Assess a Change Before Inheriting Qualification; source: 30; Annex M [fillable]	4

Record and authority boundaries

Select documents from the declared activity and retained responsibilities. The list is not permission to omit a requirement because its template is unused. Populate the complete P01-P36 baseline and adopt local procedures before use. Add controlled continuation records where the required technical payload exceeds a field.

A completed form does not itself grant qualification, acceptance, operating permission or AF recognition. The designated eligible authority must review actual evidence and record the exact decision and scope. Use AF-FR-9300-024 for local adoption and publication-state control.