



AF-ML-9600-001

Master Document List

Space / Aviation / Defense

FIRST EDITION

AF 9600 SUPPORTING DOCUMENT

Document identity and use

FIRST EDITION MANUSCRIPT - Prepared for Aerospace Federation review

Field	Controlled identity
Document	AF-ML-9600-001 - Master Document List
Parent standard	AF 9600 - Artificial Intelligence, Autonomous Systems & Interoperability
Edition / language	FIRST EDITION / English master text
Family	Foundation
Primary source anchors	0-40; Annexes A-T
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 9600 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-9600-001 lists the complete supporting set. AF-CM-9600-001 maps the main clauses and annexes to working documents. AF-TP-9600-001 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 Keep superseded evidence and decisions traceable.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 technical limit, 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 9600 - Artificial Intelligence, Autonomous Systems & Interoperability. FIRST EDITION manuscript prepared for publisher review. The main standard is supplied separately. This archive contains exactly 152 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	5	Five policies with local adoption records
03_Manuals	4	AI development, autonomous operations, interoperability and aerospace integration manuals
04_Companions	3	Implementation, interpretation and quantitative guidance
05_Procedures	30	Thirty process procedures with explicit outputs and handoffs
06_Technical_Profiles	18	Common parameter baseline and seventeen activity profiles
07_Checklists	24	Twenty-four criterion-level examination checklists
08_Forms	30	Thirty evidence and decision record forms
09_Registers	15	Fifteen linked-record registers
10_Schedules	7	Seven controlled schedules with locally approved timing
11_Work_Instructions	14	Fourteen practical operator instructions with task records

1.1 Separate main publication

AF_9600_Artificial_Intelligence_Autonomous_Systems_Interoperability_FIRST_EDITION.pdf. Main standard: 65 pages; Clauses 0-40; Annexes A-T. Main text and Annexes A-N contain proposed requirements. Annexes O-T are informative.

1.2 Support-set totals

Supporting PDFs: 152. Total supporting pages: 569. Interactive fields: 1845. These are blank models; no operational result or approval is pre-entered.

Foundation

Code / file	Title / primary source anchors	Pages
AF-ML-9600-001	Master Document List; source: 0-40; Annexes A-T	14
AF-CM-9600-001	Standard-to-Documents Coverage Matrix; source: 0-40; Annexes A-T	37

Policies

Code / file	Title / primary source anchors	Pages
AF-PL-9600-001	Accountable AI and Bounded Autonomy; source: 0-10, 18, 36-40; Annexes A-C, M-N [fillable]	4
AF-PL-9600-002	Data Integrity and Learning Assurance; source: 11-18, 27-29; Annexes D-E, I-J [fillable]	4
AF-PL-9600-003	Interoperability and Shared Meaning; source: 23-27; Annexes H-I [fillable]	4
AF-PL-9600-004	Effective Human Oversight and Runtime Protection; source: 5-9, 16, 19-22, 35; Annexes C, F-G, L [fillable]	4
AF-PL-9600-005	Continuing Assurance and Responsible Claims; source: 33-40; Annexes L-N [fillable]	4

Manuals

Code / file	Title / primary source anchors	Pages
AF-DM-9600-001	AI Development and Learning Assurance Manual; source: 10-18, 27-29; Annexes D-E, I-J	4
AF-OM-9600-001	Autonomous Operations, Monitoring and Recovery Manual; source: 5-9, 19-22, 33-40; Annexes C, F-G, L-N	4
AF-HB-9600-001	Interoperability and Distributed-System Assurance Handbook; source: 23-29; Annexes H-J	3
AF-HB-9600-002	Aerospace AI and Autonomy Integration Handbook; source: 30-32; Annex K	3

Companions

Code / file	Title / primary source anchors	Pages
AF-IG-9600-001	Implementation Guide; source: 0-40; Annexes A-T	4
AF-FAQ-9600-001	Interpretation Questions and Boundary Cases; source: 0-40; informative Annex S	4
AF-TR-9600-001	Quantitative Methods and Worked Calculations; source: 6, 9, 15, 19, 22-25, 34; informative Annex O	6

Procedures

Code / file	Title / primary source anchors	Pages
AF-PR-9600-001	Scope, Purpose and Authority Allocation; source: 1-5; Annexes A-C	3
AF-PR-9600-002	Operational Domain and Boundary Control; source: 6; Annex C	3
AF-PR-9600-003	Integrated Risk and Consequence Assessment; source: 7; Annex C	3
AF-PR-9600-004	Requirements, Architecture and Runtime Protection; source: 8-9; Annexes C, F	3
AF-PR-9600-005	Lifecycle Gates and Independent Review; source: 10; Annex N	3
AF-PR-9600-006	Data Acquisition, Provenance and Permitted Use; source: 11; Annex D	3
AF-PR-9600-007	Annotation, Reference Truth and Data Quality; source: 12; Annex D	3
AF-PR-9600-008	Dataset Partitioning, Representation and Leakage; source: 13; Annex D	3
AF-PR-9600-009	Model Development, Training and Selection; source: 14; Annex E	3
AF-PR-9600-010	Evaluation, Statistics and Calibration; source: 15; Annex E	3
AF-PR-9600-011	Robustness, Unsupported Inputs and Abstention; source: 16; Annex E	3
AF-PR-9600-012	Adaptive Learning and Candidate Promotion; source: 17; Annex E	3
AF-PR-9600-013	Generative and Agentic Workflow Control; source: 18; Annex E	3
AF-PR-9600-014	Perception, Fusion and State Integrity; source: 19; Annex F	3
AF-PR-9600-015	Planning, Control and Constraint Preservation; source: 20; Annex F	3
AF-PR-9600-016	Multi-Agent Coordination and Partition Recovery; source: 21; Annex F	3
AF-PR-9600-017	Human Oversight, Handover and Competence; source: 22; Annex G	3
AF-PR-9600-018	Interoperability Contract and Joint Acceptance; source: 23; Annex H	3
AF-PR-9600-019	Semantic, Spatial and Temporal Validation; source: 24; Annex H	3

Code / file	Title / primary source anchors	Pages
AF-PR-9600-020	Protocol, Command State and Service Quality; source: 25; Annex H	3
AF-PR-9600-021	Cross-Domain Trust and Security Assurance; source: 26; Annex I	3
AF-PR-9600-022	Supplier, Tool, Build and Configuration Assurance; source: 27; Annex I	3
AF-PR-9600-023	Simulation, Digital Twin and Formal Evidence; source: 28; Annex J	3
AF-PR-9600-024	Integrated Verification and Operational Validation; source: 29; Annex J	3
AF-PR-9600-025	Aerospace Context and Operational Integration; source: 30-32; Annex K	3
AF-PR-9600-026	Deployment, Staged Authority and Updates; source: 33; Annex L	3
AF-PR-9600-027	Monitoring, Drift and Outcome Interpretation; source: 34; Annex L	3
AF-PR-9600-028	Incident, Fallback and State Reconciliation; source: 35; Annex L	3
AF-PR-9600-029	Release, Change, Continuing Use and Retirement; source: 36-38; Annex M	3
AF-PR-9600-030	Assurance Review, Records and Local Adoption; source: 39-40; Annex N	3

Technical Profiles

Code / file	Title / primary source anchors	Pages
AF-TP-9600-001	Common AI, Autonomy and Interoperability Parameters; source: 0-40; Annex B [fillable]	4
AF-TP-9600-002	Data, Annotation and Evaluation Populations; source: 11-13; Annex D [fillable]	4
AF-TP-9600-003	Fixed Model and Learning Pipeline; source: 14-16; Annex E [fillable]	4
AF-TP-9600-004	Adaptive and Online-Learning Functions; source: 17; Annex E [fillable]	4
AF-TP-9600-005	Generative and Agentic Workflows; source: 18; Annex E [fillable]	4
AF-TP-9600-006	Perception, Fusion and State Estimation; source: 19; Annex F [fillable]	4
AF-TP-9600-007	Planning and Closed-Loop Control; source: 20; Annex F [fillable]	4
AF-TP-9600-008	Runtime Assurance and Sustainable Fallback; source: 9, 16, 20; Annex F [fillable]	4
AF-TP-9600-009	Multi-Agent and Distributed Autonomy; source: 21; Annex F [fillable]	4
AF-TP-9600-010	Human Oversight and Control Transfer; source: 22; Annex G [fillable]	4
AF-TP-9600-011	Interoperability and Semantic Contracts; source: 23-24; Annex H [fillable]	4
AF-TP-9600-012	Protocols and Distributed Command State; source: 25; Annex H [fillable]	4
AF-TP-9600-013	Trust, Suppliers and Controlled Artifacts; source: 26-27; Annex I [fillable]	4
AF-TP-9600-014	Simulation and Integrated Evaluation; source: 28-29; Annex J [fillable]	4
AF-TP-9600-015	Aviation and Air-Ground AI Integration; source: 30; Annex K [fillable]	4
AF-TP-9600-016	Space and Remote-Mission Autonomy; source: 31; Annex K [fillable]	4
AF-TP-9600-017	Industrial Robotics and Ground-Service AI; source: 32; Annex K [fillable]	4
AF-TP-9600-018	Continuing Operations, Release and Legacy Use; source: 33-40; Annexes L-N [fillable]	4

Checklists

Code / file	Title / primary source anchors	Pages
AF-CL-9600-001	Scope, Purpose and Authority; source: 0-5; Annexes A-C [fillable]	4
AF-CL-9600-002	Operational Domain and Boundaries; source: 6; Annex C [fillable]	4
AF-CL-9600-003	Integrated Risk and Control Interactions; source: 7; Annex C [fillable]	4
AF-CL-9600-004	Requirements, Architecture and Runtime Assurance; source: 8-9; Annex F [fillable]	4
AF-CL-9600-005	Lifecycle Gates and Independent Evidence; source: 10; Annex N [fillable]	4
AF-CL-9600-006	Data Provenance, Reference Truth and Quality; source: 11-12; Annex D [fillable]	4
AF-CL-9600-007	Partitions, Representation and Leakage; source: 13; Annex D [fillable]	4
AF-CL-9600-008	Training, Model Selection and Artifact Identity; source: 14; Annex E [fillable]	4
AF-CL-9600-009	Evaluation, Statistics and Calibration; source: 15; Annex E [fillable]	4
AF-CL-9600-010	Robustness and Unsupported Inputs; source: 16; Annex E [fillable]	4
AF-CL-9600-011	Adaptive Learning and Promotion; source: 17; Annex E [fillable]	4
AF-CL-9600-012	Generative and Agentic Workflows; source: 18; Annex E [fillable]	4
AF-CL-9600-013	Perception, Fusion and State Integrity; source: 19; Annex F [fillable]	4
AF-CL-9600-014	Planning and Closed-Loop Control; source: 20; Annex F [fillable]	4
AF-CL-9600-015	Multi-Agent Coordination; source: 21; Annex F [fillable]	4
AF-CL-9600-016	Human Oversight and Handover; source: 22; Annex G [fillable]	4
AF-CL-9600-017	Interoperability Contracts and Joint Acceptance; source: 23; Annex H [fillable]	4
AF-CL-9600-018	Semantics, Frames, Units and Time; source: 24; Annex H [fillable]	4

Code / file	Title / primary source anchors	Pages
AF-CL-9600-019	Protocols and Distributed State; source: 25; Annex H [fillable]	4
AF-CL-9600-020	Trust, Supply, Tools and Configuration; source: 26-27; Annex I [fillable]	4
AF-CL-9600-021	Simulation and Integrated Validation; source: 28-29; Annex J [fillable]	4
AF-CL-9600-022	Aerospace Application Integration; source: 30-32; Annex K [fillable]	4
AF-CL-9600-023	Deployment, Updates, Monitoring and Drift; source: 33-34; Annex L [fillable]	4
AF-CL-9600-024	Recovery, Release and Continuing Assurance; source: 35-40; Annexes L-N [fillable]	4

Forms

Code / file	Title / primary source anchors	Pages
AF-FR-9600-001	Scope, Purpose and Authority Allocation Record; source: 1-5; Annexes A-C [fillable]	3
AF-FR-9600-002	Operational Domain and Boundary Control Record; source: 6; Annex C [fillable]	3
AF-FR-9600-003	Integrated Risk and Consequence Assessment Record; source: 7; Annex C [fillable]	3
AF-FR-9600-004	Requirements, Architecture and Runtime Protection Record; source: 8-9; Annexes C, F [fillable]	3
AF-FR-9600-005	Lifecycle Gates and Independent Review Record; source: 10; Annex N [fillable]	3
AF-FR-9600-006	Data Acquisition, Provenance and Permitted Use Record; source: 11; Annex D [fillable]	3
AF-FR-9600-007	Annotation, Reference Truth and Data Quality Record; source: 12; Annex D [fillable]	3
AF-FR-9600-008	Dataset Partitioning, Representation and Leakage Record; source: 13; Annex D [fillable]	3
AF-FR-9600-009	Model Development, Training and Selection Record; source: 14; Annex E [fillable]	3
AF-FR-9600-010	Evaluation, Statistics and Calibration Record; source: 15; Annex E [fillable]	3
AF-FR-9600-011	Robustness, Unsupported Inputs and Abstention Record; source: 16; Annex E [fillable]	3
AF-FR-9600-012	Adaptive Learning and Candidate Promotion Record; source: 17; Annex E [fillable]	3
AF-FR-9600-013	Generative and Agentic Workflow Control Record; source: 18; Annex E [fillable]	3
AF-FR-9600-014	Perception, Fusion and State Integrity Record; source: 19; Annex F [fillable]	3
AF-FR-9600-015	Planning, Control and Constraint Preservation Record; source: 20; Annex F [fillable]	3
AF-FR-9600-016	Multi-Agent Coordination and Partition Recovery Record; source: 21; Annex F [fillable]	3
AF-FR-9600-017	Human Oversight, Handover and Competence Record; source: 22; Annex G [fillable]	3
AF-FR-9600-018	Interoperability Contract and Joint Acceptance Record; source: 23; Annex H [fillable]	3

Code / file	Title / primary source anchors	Pages
AF-FR-9600-019	Semantic, Spatial and Temporal Validation Record; source: 24; Annex H [fillable]	3
AF-FR-9600-020	Protocol, Command State and Service Quality Record; source: 25; Annex H [fillable]	3
AF-FR-9600-021	Cross-Domain Trust and Security Assurance Record; source: 26; Annex I [fillable]	3
AF-FR-9600-022	Supplier, Tool, Build and Configuration Assurance Record; source: 27; Annex I [fillable]	3
AF-FR-9600-023	Simulation, Digital Twin and Formal Evidence Record; source: 28; Annex J [fillable]	3
AF-FR-9600-024	Integrated Verification and Operational Validation Record; source: 29; Annex J [fillable]	3
AF-FR-9600-025	Aerospace Context and Operational Integration Record; source: 30-32; Annex K [fillable]	3
AF-FR-9600-026	Deployment, Staged Authority and Updates Record; source: 33; Annex L [fillable]	3
AF-FR-9600-027	Monitoring, Drift and Outcome Interpretation Record; source: 34; Annex L [fillable]	3
AF-FR-9600-028	Incident, Fallback and State Reconciliation Record; source: 35; Annex L [fillable]	3
AF-FR-9600-029	Release, Change, Continuing Use and Retirement Record; source: 36-38; Annex M [fillable]	3
AF-FR-9600-030	Assurance Review, Records and Local Adoption Record; source: 39-40; Annex N [fillable]	3

Registers

Code / file	Title / primary source anchors	Pages
AF-RG-9600-001	Functions, Assets and Authority; source: 5; Annex C [fillable]	3
AF-RG-9600-002	Operational Domains and Boundary Restrictions; source: 6; Annex C [fillable]	3
AF-RG-9600-003	Datasets, References and Partitions; source: 11-13; Annex D [fillable]	3
AF-RG-9600-004	Models, Candidates and Active Learned State; source: 14-18; Annex E [fillable]	3
AF-RG-9600-005	Requirements, Allocations and Evidence; source: 8; Annexes C, F [fillable]	3
AF-RG-9600-006	Scenarios, Controls and Residual Exposure; source: 7, 9; Annexes C, F [fillable]	3
AF-RG-9600-007	Interface Contracts and Semantic Baselines; source: 23-25; Annex H [fillable]	3
AF-RG-9600-008	Compatibility Combinations and Joint Results; source: 23-25; Annex H [fillable]	3
AF-RG-9600-009	Findings, Anomalies and Evidence Gaps; source: 15-16, 29, 39; Annexes E, J, N [fillable]	3
AF-RG-9600-010	Changes, Provider Updates and Effectivity; source: 27, 33, 37; Annexes I, L-M [fillable]	3
AF-RG-9600-011	Deployments, Authority Stages and Targets; source: 33; Annex L [fillable]	3
AF-RG-9600-012	Monitoring Signals and Incidents; source: 34-35; Annex L [fillable]	3
AF-RG-9600-013	Exceptions, Legacy Use and Restrictions; source: 36-37; Annex M [fillable]	3
AF-RG-9600-014	Assurance Claims and Release Decisions; source: 36; Annex M [fillable]	3
AF-RG-9600-015	Retirement, Disposition and Retained Records; source: 38-40; Annexes M-N [fillable]	3

Schedules

Code / file	Title / primary source anchors	Pages
AF-SC-9600-001	Lifecycle Gates and Independent Reviews; source: 10; Annex N [fillable]	3
AF-SC-9600-002	Data Quality, Reference and Population Reviews; source: 11-13; Annex D [fillable]	3
AF-SC-9600-003	Model, Robustness and Human-Performance Evaluation; source: 14-22; Annexes E-G [fillable]	3
AF-SC-9600-004	Interoperability and Partner Compatibility Reviews; source: 23-27; Annexes H-I [fillable]	3
AF-SC-9600-005	Deployment, Updates and Drift Review; source: 33-34; Annex L [fillable]	3
AF-SC-9600-006	Fallback, Incident and Recovery Exercises; source: 9, 22, 35; Annexes F-G, L [fillable]	3
AF-SC-9600-007	Assurance, Support Exit and Retirement; source: 36-40; Annexes M-N [fillable]	3

Work Instructions

Code / file	Title / primary source anchors	Pages
AF-WI-9600-001	Verify Function, Model and Authority Identity; source: 5, 27, 33; Annexes C, I, L [fillable]	4
AF-WI-9600-002	Capture Data Origin and Transformation Lineage; source: 11-12; Annex D [fillable]	4
AF-WI-9600-003	Check Dataset Separation and Leakage; source: 13; Annex D [fillable]	4
AF-WI-9600-004	Record Training Candidate and Artifact Baseline; source: 14, 27; Annexes E, I [fillable]	4
AF-WI-9600-005	Capture a Valid Evaluation Result; source: 15, 29; Annexes E, J [fillable]	4
AF-WI-9600-006	Check Domain Membership and Protective Readiness; source: 6, 9; Annexes C, F [fillable]	4
AF-WI-9600-007	Execute and Verify a Human Control Handover; source: 5, 22; Annexes C, G [fillable]	4
AF-WI-9600-008	Validate Units, Frames and Data Age; source: 24; Annex H [fillable]	4
AF-WI-9600-009	Reconcile Command Execution After Interruption; source: 25; Annex H [fillable]	4
AF-WI-9600-010	Record a Paired Interoperability Test; source: 23-25, 29; Annexes H, J [fillable]	4
AF-WI-9600-011	Confirm Deployment and Active Authority; source: 33; Annex L [fillable]	4
AF-WI-9600-012	Triage a Drift Signal or Unsupported Outcome; source: 34; Annex L [fillable]	4
AF-WI-9600-013	Verify Recovery and Reconciled Effects; source: 35; Annex L [fillable]	4
AF-WI-9600-014	Close Retired Authority and Evidence Duties; source: 38; 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-P44 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 verification acceptance, risk acceptance, release or operating permission or AF recognition. The designated eligible authority must review actual evidence and record the exact decision and scope. Use AF-FR-9600-030 for local adoption and publication-state control.