



AF-FR-9600-023

Simulation, Digital Twin and Formal Evidence Record

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-FR-9600-023 - Simulation, Digital Twin and Formal Evidence Record
Parent standard	AF 9600 - Artificial Intelligence, Autonomous Systems & Interoperability
Edition / language	FIRST EDITION / English master text
Family	Forms
Primary source anchors	28; Annex J
Suggested local owner	Responsible record owner and eligible reviewer
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 Keep superseded evidence and decisions traceable.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.

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 Controlled working record

Complete the required payload from the cited clauses and annexes. Identify attached evidence by stable ID and version. Explain missing information and preserve any blocked decision; do not treat an empty field as approval or N/A.

Record ID, record owner, object/configuration and date**Model/simulator/proof identity, intended claim and valid regions****Reference observations, calibration/validation separation and uncertainty****Discrepancies, extrapolation and unrepresented interactions****Formal properties, assumptions, tools and unresolved obligations****Implementation relationship and correlated evidence sources****Eligible credit, limitations and complementary evidence plan**